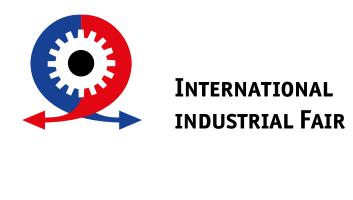
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INTERNATIONAL FAIR FOR TRANSPORT AND LOGISTICS

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2.2.1 2.2.2 2.2.3 2.2.4 2.2.5 2.2.6 2.2.7 2.2.8 2.2.8.1 2.2.99 2.3 2.3.1 2.3.2 2.3.2.1 2.3.3 2.3.4 2.3.5 2.3.6 2.3.7	Steel production equipment, furnaces, converters Converter steel works Continuous casting steel works Automatic lines for casting production Electric steel production equipment Additives and alloying additions Special ceramics for continuous steel casting Scrap treatment and processing equipment Hydraulic shears for scrap processing Auxiliary equipment for steel works Steel works equipment – other Rolling mill and drawing plant equipment Hot rolling mills Cold rolling mills Rolls for cold rolling Blooming mills Rolling mill drives Conveyers for rolling mills Separating and cutting machines for metallurgical production Tube rolling and drawing mills	1.3.1 1.3.1.2 1.3.1.3 1.3.1.4 1.3.1.5 1.3.1.6 1.3.1.7 1.3.1.8 1.3.1.9 1.3.2 1.3.2.1 1.3.2.2 1.3.2.3 1.3.2.4 1.3.2.5 1.3.2.6 1.3.2.7 1.3.2.8	d equipment for the ceramic and glass industries Hot processing technologies Components and accessories of drying equipment for the ceramic and glass industries Firing kilns Firing tools Kiln burners and heating systems Kiln carriages and transport systems Refractory materials Monitoring and control instruments for firing technologies Technical equipment for the neutralization of environmentally undesirable substances Machines for hot processing technologies – other Technologies for the ceramic industry – other Raw material dressing in the ceramic industry Mass preparation in the ceramic industry Technology for mass moulding in the ceramic industry Handling and transport technologies in the ceramic industry Surface treatment of ceramic industry products Machines and equipment for the processing of ceramics Saws and grinding, milling and drilling machines for ceramics Materials for the production of moulds in the ceramic industry
2.2.1 2.2.2 2.2.3 2.2.4 2.2.5 2.2.6 2.2.7 2.2.8 2.2.8.1 2.2.99 2.3.1 2.3.2 2.3.2.1 2.3.3 2.3.4 2.3.5 2.3.6 2.3.7	Steel production equipment, furnaces, converters Converter steel works Continuous casting steel works Automatic lines for casting production Electric steel production equipment Additives and alloying additions Special ceramics for continuous steel casting Scrap treatment and processing equipment Hydraulic shears for scrap processing Auxiliary equipment for steel works Steel works equipment – other Rolling mill and drawing plant equipment Hot rolling mills Cold rolling mills Rolls for cold rolling Blooming mills Rolling mill drives Conveyers for rolling mills Separating and cutting machines for metallurgical production	1.3.1 1.3.1.2 1.3.1.3 1.3.1.4 1.3.1.5 1.3.1.6 1.3.1.7 1.3.1.8 1.3.1.9 1.3.2 1.3.2.1 1.3.2.2 1.3.2.3 1.3.2.4 1.3.2.5 1.3.2.6 1.3.2.7 1.3.2.8 1.3.3.8	Hot processing technologies Components and accessories of drying equipment for the ceramic and glass industries Firing kilns Firing tools Kiln burners and heating systems Kiln carriages and transport systems Refractory materials Monitoring and control instruments for firing technologies Technical equipment for the neutralization of environmentally undesirable substances Machines for hot processing technologies – other Technologies for the ceramic industry – other Raw material dressing in the ceramic industry Mass preparation in the ceramic industry Technology for mass moulding in the ceramic industry Handling and transport technologies in the ceramic industry Surface treatment of ceramic industry products Machines and equipment for the processing of ceramics Saws and grinding, milling and drilling machines for ceramics Materials for the production of moulds in the ceramic industry
.2.2.1 .2.2.2 .2.2.3 .2.2.4 .2.2.5 .2.2.6 .2.2.7 .2.2.8 .2.2.8.1 .2.2.99 .2.3.1 .2.3.2 .2.3.2 .2.3.2.1 .2.3.3 .2.3.4 .2.3.5 .2.3.6 .2.3.7 .2.3.8	Steel production equipment, furnaces, converters Converter steel works Continuous casting steel works Automatic lines for casting production Electric steel production equipment Additives and alloying additions Special ceramics for continuous steel casting Scrap treatment and processing equipment Hydraulic shears for scrap processing Auxiliary equipment for steel works Steel works equipment – other Rolling mill and drawing plant equipment Hot rolling mills Cold rolling mills Rolls for cold rolling Blooming mill drives Conveyers for rolling mills Separating and cutting machines for metallurgical production Tube rolling and drawing mills Tube treatment machines and tube insulation	1.3.1 1.3.1.2 1.3.1.3 1.3.1.4 1.3.1.5 1.3.1.6 1.3.1.7 1.3.1.8 1.3.1.9 1.3.2 1.3.2.1 1.3.2.2 1.3.2.3 1.3.2.4 1.3.2.5 1.3.2.6 1.3.2.7 1.3.2.8 1.3.3 1.3.3.1	Hot processing technologies Components and accessories of drying equipment for the ceramic and glass industries Firing kilns Firing tools Kiln burners and heating systems Kiln carriages and transport systems Refractory materials Monitoring and control instruments for firing technologies Technical equipment for the neutralization of environmentally undesirable substances Machines for hot processing technologies – other Technologies for the ceramic industry – other Raw material dressing in the ceramic industry Mass preparation in the ceramic industry Technology for mass moulding in the ceramic industry Handling and transport technologies in the ceramic industry Surface treatment of ceramic industry products Machines and equipment for the processing of ceramics Saws and grinding, milling and drilling machines for ceramics Materials for the production of moulds in the ceramic industry Machines and equipment for the glass industry Hot processing technologies – glass melting
1.2.2.1 1.2.2.1 1.2.2.2 1.2.2.3 1.2.2.4 1.2.2.5 1.2.2.6 1.2.2.7 1.2.2.8 1.2.2.8.1 1.2.2.99 1.2.3.1 1.2.3.2 1.2.3.2 1.2.3.2 1.2.3.2 1.2.3.3 1.2.3.4 1.2.3.5 1.2.3.6 1.2.3.7 1.2.3.8 1.2.3.9 1.2.3.10	Steel production equipment, furnaces, converters Converter steel works Continuous casting steel works Automatic lines for casting production Electric steel production equipment Additives and alloying additions Special ceramics for continuous steel casting Scrap treatment and processing equipment Hydraulic shears for scrap processing Auxiliary equipment for steel works Steel works equipment – other Rolling mill and drawing plant equipment Hot rolling mills Cold rolling mills Rolls for cold rolling Blooming mills Rolling mill drives Conveyers for rolling mills Separating and cutting machines for metallurgical production Tube rolling and drawing mills	1.3.1 1.3.1.2 1.3.1.3 1.3.1.4 1.3.1.5 1.3.1.6 1.3.1.7 1.3.1.8 1.3.1.9 1.3.2 1.3.2.1 1.3.2.2 1.3.2.3 1.3.2.4 1.3.2.5 1.3.2.6 1.3.2.7 1.3.2.8 1.3.3.8	Hot processing technologies Components and accessories of drying equipment for the ceramic and glass industries Firing kilns Firing tools Kiln burners and heating systems Kiln carriages and transport systems Refractory materials Monitoring and control instruments for firing technologies Technical equipment for the neutralization of environmentally undesirable substances Machines for hot processing technologies – other Technologies for the ceramic industry – other Raw material dressing in the ceramic industry Mass preparation in the ceramic industry Technology for mass moulding in the ceramic industry Handling and transport technologies in the ceramic industry Surface treatment of ceramic industry products Machines and equipment for the processing of ceramics Saws and grinding, milling and drilling machines for ceramics Materials for the production of moulds in the ceramic industry



MINING, METALLURGICAL, CERAMIC AND GLASS ENGINEERING

1.3.3.4	Glass cooling technology
1.3.3.5	Special equipment and materials for the glass industry
1.3.3.6	Technologies for the glass industry – other
1.3.87	CAD, CAM, CIM for the glass and ceramic production
1.3.99	Machines and equipment for the ceramic and glass industry – other
1.4	Machines and equipment for powder metallurgy technologies

MATERIALS AND COMPONENTS FOR MECHANICAL ENGINEERING



Metallurgical s	semi-products and products of metals	2.1.10	Steel wires
		2.1.10.1	Corrosion-proof wires
2.1.1	Basic metallurgical semi-products		
2.1.1.1	Ingots	2.1.11	Rails
2.1.1.2	Billets		
2.1.1.3	Blooms, slabs	Forgings, pre	essed parts
2.1.1.4	Continuous casts	2.2.1	Pressed, drawn and stamped parts
2.1.1.5	Slag		
		2.2.2	Open die forgings
2.1.2	Hot rolled steel	2.2.2.1	Open die forgings of steel
2.1.2.1	Hot extruded steel	2.2.2.2	Open die forgings of non-ferrous metals
2.1.2.2	Bar steels and profiles		- F
		2.2.3	Drop forgings
2.1.3	Steel sheets	2.2.3.1	Drop forgings of steel
2.1.3.1	Hot rolled sheets	2.2.3.2	Drop forgings of non-ferrous metals
2.1.3.2	Cold rolled sheets	L.L.J.L	brop longings of non-terrous metats
2.1.3.3	Zinc-coated steel sheets	2.2.4	Upset pieces
2.1.3.4	Tinned steel sheets	2.2.5	Extruded pieces
		2.2.5	Extruded pieces
2.1.3.5	Sheets, sections and strips of corrosion-proof steels	226	Matal avanced minera
2.1.3.6	Abrasion-resistant sheet metal	2.2.6	Metal pressed pieces
2.1.3.7	High-strength sheet metal	2.2.6.1	Cold pressed parts of sheet
2.1.3.8	Surface finished steel sheets	2.2.6.2	Hot pressed parts of sheet
2.1.3.9	Perforated steel sheets		
2.1.3.10	Bands, strips	2.2.99	Forgings, pressed parts – other
2.1.3.11	Profiled sheets and strips		
2.1.3.12	Isotropic sheets and strips for electric engineering	2.4	Metal workpieces
2.1.3.13	Anisotropic sheets and strips for electric engineering	2.4.1	Fine metal workpieces
2.1.3.14	Steel foils	2.4.2	Turned, milled, drilled and threaded components
2.1.3.99	Steel sheets – other		,
		2.5	Special elements – metal semi-products
2.1.4	Steel pipes, tubes, elbows, closed sections		•
	,, p	Non-ferrous	metals and semi-products of non-ferrous metals
2.1.4.1	Seamless steel tubes and pipes	2.6.1	Non-ferrous metals and alloys
2.1.4.1.1	Seamless corrosion-proof tubes and pipes	2.0.1	non rerious metats and attoys
2.1.7.1.1	Scamess corrosion proof tabes and pipes	2.6.2	Semi-products of non-ferrous metals
2.1.4.2	Welded steel tubes and pipes	2.6.2.1	Semi-products of aluminium and aluminium alloys
	·		•
2.1.4.2.1	Welded corrosion-proof tubes and pipes	2.6.2.1.1	Aluminium sheets, strips
		2.6.2.1.2	Aluminium foils
2.1.4.3	Centrifugally cast tubes and pipes	2.6.2.1.3	Aluminium pipes and rods
2.1.4.4	Thick-walled steel tubes and pipes	2.6.2.1.4	Aluminium wires
		2.6.2.1.5	Aluminium sections
2.1.4.5	Thin-walled steel tubes and pipes	2.6.2.1.6	Aluminium foam
2.1.4.5.1	Precision thin-walled steel welded tubes and pipes	2.6.2.1.7	Aluminium bodies for central heating
2.1.4.5.2	Thin-walled corrosion-proof tubes		
		2.6.2.2	Sheets, rods, tubes and wires of copper
2.1.4.6	Surface finished tubes	2.6.2.3	Sheets, rods, tubes and wires of brass
2.1.4.7	Tube sleeves, couplings, elbows	2.6.2.4	Semi-products of bronze
2.1.4.99	Steel tubes and pipes – other	2.6.2.5	Semi-products of titanium
2.2	State tables and pipes of the	2.6.2.6	Semi-products of nickel alloys
2.1.5	Cold rolled steel	2.6.2.7	Semi-products of magnesium alloys
2.1.5.1	Cold extruded steel	2.6.2.8	Semi-products of magnesium attoys Semi-products of lead alloys
	Cold profiled steel		
2.1.5.2	com promen steet	2.6.2.9	Semi-products of precious metals alloys
216	Direction at a sla	263	Thermal bimetale
2.1.6	Drawn steels	2.6.3	Thermal bimetals
2.1.6.1	Cold drawn steel		
2.1.6.2	Hot drawn steel	2.6.99	Non-ferrous metals and semi-products of non-ferrous
			metals – other
2.1.7	Forged steels		
		2.7	Metal powders and powder metallurgy products
2.1.8	High-grade steels		
2.1.8.1	Tool steels	2.8	Products of sintered carbides
2.1.8.2	High-speed steels	2.8.1	Sinter pressed pieces
2.1.8.3	Refractory steels		•
2.1.8.4	Corrosion-proof steels	Some metal	elements and components for mechanical engineering
2.1.8.5	High-alloy steels		
	g attay seeds	2.9.1	Connecting materials
2.1.8.6	Special steels	2.9.1.1	Screws
2.1.8.6.1	•	6.7.1.1	Jei CVV3
2.1.0.0.1	Steels for low temperatures	2012	Nute
210	Pooled steel	2.9.1.2	Nuts Proceing and rivoting puts
2.1.9	Peeled steel	2.9.1.2.1	Pressing and riveting nuts
		2012	Washawa
		2.9.1.3	Washers



MATERIALS AND COMPONENTS FOR MECHANICAL ENGINEERING

W3V 2023			
2.9.1.4	Retaining rings	2.9.11.3	Armoured hose sets for product transport
2.9.1.5	Screws	2.9.11.5	Almoured hose sets for product transport
2.9.1.6	Rivets	2.9.12	Chains
2.9.1.7	Bolts	2.9.12	Disk and other wheels
2.9.1.7	Clips	2.9.14	Piston rings
	•		5
2.9.1.99	Connecting materials – other	2.9.15	Distance rings
		2.9.16	Pins
2.9.2	Forgings	2.9.17	Draw bars
2.9.3	Clamps / grips	2.9.18	Connecting rods
		2.9.19	Crankshafts
2.9.4	Springs		
2.9.4.1	Coiled springs	2.9.20	Absorbers
2.9.4.2	Telescopic springs	2.9.20.1	Hydraulic absorbers
2.9.4.3	Gas cylinders		
2.9.4.4	Polyurethane springs	2.9.99	Metal elements and components of general use – other
2.9.5	Expanded metal	Seals	
2.9.6	Gas struts	2.13.1	Metal seals
2.9.7	Wire products	2.13.2	Plastic seals
2.9.7.1	Wire nettings	2.13.2.1	Polymer-type sealing systems
2.9.7.2	Steel ropes		
		2.13.3	Rubber seals
2.9.7.3	Wire nets	2.13.4	Cork seals
2.9.7.3.1	Welded mesh / nets	2.13.5	Asbestos seals
	,	2.13.6	Asbestos-free seals
2.9.7.4	Wire fabrics		
2.9.7.5	Bent wire components	2.13.7	Graphite seals
2.9.7.6	Brushes with steel wires	2.13.7.1	Graphite films and boards for sealing technology
2.9.7.99	Wire products – other		
2.51, 155	The products of the	2.13.8	Shaped seals
2.9.8	Steel structures	2.13.9	Self-adhesive seals
2.9.8.1	Components and structures (sub-supplies)	2.13.10	Shaft seal rings
2.9.8.2	Heavy structures (sub-supplies)	2.13.11	Flange seals
L.3.0.L	ricavy structures (sub-supplies)	2.13.12	Flat seals with metal reinforcements
2.9.8.3	Welded structures	2.13.13	Bearing seals
2.9.8.3.1	Welded pieces	2.13.13	bearing seats
2.9.0.3.1	Wetaeu pieces	2.13.14	Rotary seals
2.9.8.4	Poles	2.13.14.1	Seals for rotary shafts
2.9.8.4.1	Lighting towers	2.13.14.1	Seats for focally shares
2.9.0.4.1	Lighting towers	2.13.15	0-rings
2.9.8.5	Steel structures for waterworks (weirs, lock chambers)	2.13.16	Seal strips
2.9.8.6	Railway, road and pipeline steel bridges	2.13.17	Sealing cords
2.9.8.7	Steel containers, silos	2.13.17	
2.9.8.8	Steel gates, doors, barriers		Sealing sleeves Universal sealing systems
	-	2.13.19	
2.9.8.9	Steel pallets	2.13.99	Seals – other
2.9.8.10	Hot galvanized steel structures	Class and als	an and durate
2.9.8.11	Assembly of steel structures	Glass and gla	•
2.9.8.99	Steel structures – other	2.14.1	Technical glass
	T.	2.14.2	Optical glass, prisms, lenses
2.9.9	Tube structures	2.14.3	Illumination glass
2.9.9.1	Metal pipelines and tubes	2.14.4	Glass tubes
2.9.9.2	Fittings	2.14.5	Glass components for industry
2.9.9.2.1	Fittings for joining by pressing in		CI CI
0.0.0.0		2.14.6	Glass fibres
2.9.9.3	Flanges for tube structures	2.14.6.1	Glass fibre products
2.9.9.4	Coils, corrugated pipes		
2.9.9.99	Tube products – other	2.14.99	Glass products – other
2.9.10	Apparatus, vessels, tanks	2.15	Porcelain and technical ceramics
2.9.10.1	Steel bottles	2.15.1	Engineering ceramics
		2.15.2	Cutting ceramics
2.9.10.2	Pressure apparatus and vessels	2.15.3	Fibre-reinforced industrial ceramics
2.9.10.2.1	Pressure apparatuses and vessels	2.15.4	Ceramic fibres
2.9.10.2.2	Valves for pressure vessel safety	2.15.5	Ceramics for electronic components
		2.15.6	Ceramic components
2.9.10.3	Non-pressure apparatuses and vessels	2.15.7	Porcelain components
2.9.10.4	Storage tanks	2.15.99	Technical ceramics – other
2.9.11	Metal hoses	2.16	Carbon components
2.9.11.1	Connecting and fixing elements of metal hoses		
2.9.11.2	Flexible hoses of high-grade steel		

MATERIALS AND COMPONENTS FOR MECHANICAL ENGINEERING



2.18	Technical fabrics	2.41.4.5	High-speed gearboxes
2.18.1	Fabric dilatation compensators	2.41.4.6	Gearboxes with stepless gear change
	· · · · · · · · · · · · · · · · · · ·	2.41.4.7	High performance gearboxes
2.19	Ebonite products and semi-products	2.41.4.8	Gearboxes for lifting equipment
2.20	Paper products for industrial use	2.41.4.99	Mechanical gearboxes – other
2.21	Crystal-based products	2.41.5	Combined mechanical gearboxes
2.21.1	Sapphire products and semi-products	2.41.6	Hydraulic gearboxes
		2.41.7	Variable speed gearboxes
2.22	Permanent magnets	2.41.8	Automatic gearboxes
L.LL	r ermanent magnets		Turbogears
0.00	Mandan da da a fan lattada a and mandan	2.41.9	3
2.23	Marking devices for lettering and marking	2.41.10	Cam transmission mechanisms
2.23.1	Self-adhesive materials	2.41.11	Special gearboxes
2.23.2	Marking of industrial components by imprinting	2.41.99	Gears – other
2.24	Face labels	Clutches	
2.24.1	Aluminium, anodized and photolayer face labels	2.42.1	Components for clutches
2.24.2	Enamelled sheet metal plates and labels	2.42.2	Rigid clutches
2.24.2	Enametted sheet metal plates and labels		3
0.05		2.42.3	Flexible clutches
2.25	Covers, closures	2.42.4	Friction clutches
2.25.1	Folded covering bellows	2.42.5	Centrifugal clutches
2.25.2	Telescopic guards	2.42.6	Safety clutches
2.25.3	Roller guards	2.42.7	Controlled overload clutches
	-	2.42.8	Starting couplings
2.26	Modular systems for the manufacture of single-purpose	2.42.9	Idling couplings
	machines	2.42.10	Claw couplings
2.26.1	Cabins for machine operation	2.42.11	Hydraulic clutches and accessories
2.20.1	Cabilis for machine operation		y .
		2.42.12	Electromagnetic clutches
2.27	Work protection aids for industrial use	2.42.13	Shaft couplings
2.28	Textile cleaning agents	2.42.14	Turboclutches
		2.42.15	Pneumatic clutches
2.29	Workshop equipment, industrial furniture	2.42.99	Clutches – other
2.29.1	Vaults		
2.29.2	Workbenches	Brakes and I	brake systems
			=
2.29.3	Metal kit boxes	2.43.1	Brake accessories
2.29.4	Mats for industrial operation	2.43.2	Disk brakes
2.29.5	Ergonomic work chairs	2.43.3	Multi-plate brakes
		2.43.4	Drum brakes
2.30	Manufacture of prototypes, model design	2.43.5	Spring brakes
	(Rapid Prototyping)	2.43.6	Hydraulic brakes
2.30.1	Prototype production by means of stereolitography	2.43.7	Magnetic brakes
2.30.2	Prototype production by means of casting in silicon moulds	2.43.8	Eddy-current brakes
	3D printers for prototyping		Safety brakes
2.30.3	3D printers for prototyping	2.43.9	· ·
		2.43.10	Electromagnetic brakes
Sliding and an	ntifriction bearings and their accessories	2.43.11	Brake systems
			brake systems
		2.43.99	Brakes – other
2.40.1	Components and accessories of antifriction	2.43.99	· · · · · · · · · · · · · · · · · · ·
2.40.1	Components and accessories of antifriction bearings	2.43.99 2.44	· · · · · · · · · · · · · · · · · · ·
2.40.1 2.40.1.1	•		Brakes – other
	bearings		Brakes – other Final drives and accessories
	bearings	2.44	Brakes – other Final drives and accessories
2.40.1.1	bearings Bearing bodies Sintered slide bearings	2.44 Lubrication	Brakes – other Final drives and accessories technology Lubrication devices
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2.40.1.1 2.40.2 2.40.3 2.40.4 2.40.5 2.40.6 2.40.7 2.40.8 2.40.9 2.40.10 2.40.11 2.40.12 2.40.99	bearings Bearing bodies Sintered slide bearings Ball bearings Roller bearings Needle bearings Joint bearings Tapered roller bearings Antifriction spherical-roller bearings Sliding bearings Self-lubricating bearings Special bearings Bearing lubrication devices	2.44 Lubrication 2.45.1 2.45.2 2.45.3 2.45.4 2.45.99 2.87 2.88 2.89 2.90 2.90.1	Final drives and accessories technology Lubrication devices Components for lubrication devices Central lubrication technology Filters for lubrication technology Lubrication technology – other CAD, CAM, CIM for bearings and gears Consultancy for bearings and gears Engineering and design services in the field of production of bearings and gears Service and repairs of bearings and gears Diagnostics of bearings and gears
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DRIVES, HYDRAULICS AND PNEUMATICS, COOLING TECHNOLOGY AND AIR-CONDITIONING

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240	Desir de la companya	3.10.13	Hydraulic filters
3.1.2	Rotational electric motors	3.10.14	Pumps for hydraulics
3.1.2.1	Electric motors with integrated gear box	3.10.15	Hydraulic fans
242	Chambre	3.10.16	Pressure gauges for hydraulics
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3.2.1	Linear drives and feeds	3.10.33	rigardade eterreria ourer
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1212	· j · · · · · · · · · · · · · · · · · ·	3.20.1	Components for compressors and vacuum pumps
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3.4.1.3	V-belts	3.20.4.2	Oil-free screw compressors
3.4.1.4	Flat belts	3.20.5	Diaphragm compressors
		3.20.6	High-pressure compressors
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DRIVES, HYDRAULICS AND PNEUMATICS, COOLING TECHNOLOGY AND AIR-CONDITIONING



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2011	A -tt C C-11'	3.40.5	Pumps for chemical engineering
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2 20 17	Fittings for the chamical industry	3.40.17.4	Oil pumps for industrial equipment
3.30.14	Fittings for the chemical industry	2 40 10	Pumps for small-scale consumers
3.30.15	Fittings for power engineering Fittings for vacuum technology	3.40.18 3.40.18.1	Plastic pumps
3.30.16	Fittings for aggressive materials	3.40.18.2	Hose pumps
3.30.17	Fittings for abrasive materials	3.40.18.3	Manual pumps
3.30.18	3	3.40.18.4	Barrel pumps
3.30.19	Fittings for flammable and explosive materials	3.40.10.4	barret pullips
3.30.20	Fittings for thin flowing materials	3.40.19	High-pressure pumps
3.30.21	Fittings for waste and sludge water	3.40.20	Pumps for solid materials
3.30.22	Fittings for long distance water distributions	3.40.21	Pumps for abrasive materials
3.30.23	Plastic fittings	3.40.22	Pumps for fluid gases
3.30.24	Plastic coated fittings	J.70.LL	
	Compaign and Chica		rumps for fund gases
	Corrosion-proof fittings	3.40.23	, -
3.30.26	Coaxial fittings	3.40.23 3.40.23.1	Submersible pumps
3.30.26 3.30.27	Coaxial fittings Mixing fittings	3.40.23 3.40.23.1	, -
3.30.26 3.30.27 3.30.28	Coaxial fittings Mixing fittings Special fittings	3.40.23.1	Submersible pumps Submersible pumps for borings
3.30.26 3.30.27 3.30.28	Coaxial fittings Mixing fittings	3.40.23.1 3.40.24	Submersible pumps Submersible pumps for borings Controlled volume pumps
3.30.26 3.30.27 3.30.28 3.30.99	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other	3.40.23.1 3.40.24 3.40.25	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps
3.30.26 3.30.27 3.30.28 3.30.99	Coaxial fittings Mixing fittings Special fittings	3.40.23.1 3.40.24	Submersible pumps Submersible pumps for borings Controlled volume pumps
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines	3.40.23.1 3.40.24 3.40.25 3.40.26	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.4	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.4	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.4 3.31.1.5	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology Engineering and design of drives, hydraulics,
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.4 3.31.1.5	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders Shock absorbers for pipelines	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.4 3.31.1.5	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders Shock absorbers for pipelines Pipeline seating and suspensions	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78 3.79	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology Engineering and design of drives, hydraulics, air-conditioning and compression technology
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.5 3.31.2 3.31.3	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders Shock absorbers for pipelines Pipeline seating and suspensions Centre drilling and ballooning sets for pipelines	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology Engineering and design of drives, hydraulics, air-conditioning and compressor technology Service and repairs of drives, hydraulics, compressor
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.5 3.31.1.5 3.31.2 3.31.3 3.31.4 3.31.5	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders Shock absorbers for pipelines Pipeline seating and suspensions Centre drilling and ballooning sets for pipelines Chemical and physical effect resistant lined pipelines	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78 3.79	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology Engineering and design of drives, hydraulics, air-conditioning and compressor technology Service and repairs of drives, hydraulics, compressor technology, air-conditioning and cooling devices
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.5 3.31.1.5 3.31.2 3.31.3 3.31.4 3.31.5	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders Shock absorbers for pipelines Pipeline seating and suspensions Centre drilling and ballooning sets for pipelines Chemical and physical effect resistant lined pipelines Pipelines with continual indication of leakage	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78 3.79	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology Engineering and design of drives, hydraulics, air-conditioning and compression technology Service and repairs of drives, hydraulics, compressor technology, air-conditioning and cooling devices Refurbished drives, hydraulic systems, HVAC and cooling units,
3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.1 3.31.1.2 3.31.1.3 3.31.1.4 3.31.1.5 3.31.2 3.31.3 3.31.4 3.31.6	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders Shock absorbers for pipelines Pipeline seating and suspensions Centre drilling and ballooning sets for pipelines Chemical and physical effect resistant lined pipelines Pipelines with continual indication of leakage of transported materials	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78 3.79 3.80	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology Engineering and design of drives, hydraulics, air-conditioning and compression technology Service and repairs of drives, hydraulics, compressor technology, air-conditioning and cooling devices Refurbished drives, hydraulic systems, HVAC and cooling units, driers
3.30.25 3.30.26 3.30.27 3.30.28 3.30.99 Industrial pip 3.31.1 3.31.1.2 3.31.1.3 3.31.1.4 3.31.1.5 3.31.2 3.31.3 3.31.4 3.31.5 3.31.6 3.31.6	Coaxial fittings Mixing fittings Special fittings Industrial fittings – other pelines, tanks Components for pipelines Flanges Shaped pieces Elbows T-pieces Blinders Shock absorbers for pipelines Pipeline seating and suspensions Centre drilling and ballooning sets for pipelines Chemical and physical effect resistant lined pipelines Pipelines with continual indication of leakage	3.40.23.1 3.40.24 3.40.25 3.40.26 3.40.99 3.50 3.77 3.78 3.79	Submersible pumps Submersible pumps for borings Controlled volume pumps Self-priming pumps Heating-system pumps Pumps – other Diluting devices CAD, CAM, CIM for drives, hydraulics, air-conditioning and compressor technology Consultancy on drives, hydraulics, air-conditioning and compressor technology Engineering and design of drives, hydraulics, air-conditioning and compression technology Service and repairs of drives, hydraulics, compressor technology, air-conditioning and cooling devices Refurbished drives, hydraulic systems, HVAC and cooling units,

MSV 2025	DRIVES, HYDRAULICS AND PNEUMATICS, COOLING TECHNOLOGY AND AIR-CONDITIONING
3.80.3	Reconstruction and upgrading of drives, air-conditioning
	and compressor equipment hydraulics
3.81	Re-worked drives, hydraulic systems, HVAC and cooling units, driers
3.82	Technology for drives, hydraulics, air-conditioning, cooling equipment and driers
3.83	Implementation of complete air conditioning, cooling equipment and driers plants
3.90	CAD, CAM, CIM for fittings, pumps, water management and irrigation technology
3.99	Water management equipment and irrigation technology – other

POWER ENGINEERING AND HEAVY-CURRENT ELECTRICAL ENGINEERING



CONVENTIONA	l and nuclear power engineering, heating plants	6.7.3	Petrol engines
	it and nuclear power engineering, heating plants	6.7.4	Double-fuel motors
Primary cour	rces for the power industry	6.7.5	Gas engines
6.1.1	Brown coal	6.7.99	Combustion engines – other
6.1.2	Bituminous coal	0.7.99	Combustion engines – other
6.1.3	Briquettes	6.8	Electric power sets (motor-generator back-up sources)
6.1.4	Coke	0.0	Electric power sets (motor generator back up sources)
6.1.5	Natural gas	6.9	Equipment for utilization of thermal power from thermal
6.1.6	Fuel oils	0.5	engines and turbines
6.1.7	Fuel cells for nuclear power plants	6.9.1	Cogeneration units
6.1.99	Primary sources for the power industry – other	0.5.1	cogeneration and
0.1.55	Trinary sources for the power made by other	6.10	Information and control technologies for the power industry
Industrial bo	pilers and their accessories	0.20	
6.2.1	Components and accessories of industrial boilers	6.11	Equipment for sulphur and NOx reduction in flue gases
6.2.2	Industrial boilers	6.12	Auxiliary power plant equipment
6.2.3	Industrial steam boilers	6.13	Water treatment plants in power stations
6.2.4	Steam generators	6.14	Steam turbine condensers
6.2.5	Tanks and pipelines for industrial boilers	6.15	Steam condensate separators
6.2.6	Boiler burners	6.16	Equipment for electrical power distribution
Equipment f	or heat energy generation	6.17	Gas industry equipment
6.3.1	Components of equipment for heat energy generation	6.17.1	Gas regulating, measuring and safety fittings
	1 1 1 33 3	6.17.2	Compressors and turbo-compressors designed for natural gas
6.3.2	Furnaces		treatment and gas distribution systems
6.3.2.1	Grate furnaces	6.17.3	Gas regulation station
6.3.2.2	Dry pulverized coal furnaces		3
6.3.2.3	Fluidizing furnaces	6.18	Equipment for thermal power distribution
	,	6.19	Heat insulating materials for power equipment
6.3.3	Equipment for chemical water treatment in the power		
	industry	6.20	Heating equipment
6.3.4	Equipment for thermal water treatment in the power industry	6.20.1	Components for heating equipment
6.3.5	Feed water preheaters	6.20.2	Heating components
6.3.6	Gas preheaters	6.20.3	Gas radiant heating for industrial applications
6.3.7	Boiler plants		,,
6.3.8	Heating plants	6.21	Recuperation units, recuperators
6.3.9	Waste incinerating plants	6.22	Equipment, systems and aids for provision of safety in nuclear
	5.		plants
6.3.10	Exchangers, exchanger stations	6.23	CAD, CAM, CIM in the power industry
6.3.10.1	Heat exchangers	6.24	Consultancy in the power industry
6.3.10.2	Exchanger stations	6.25	Engineering and design services in the field of power industry
			equipment
			equipment
6.3.11	Machines and equipment for fuel handling		equipment
6.3.11	Machines and equipment for fuel handling	6.26	Service and repairs of power industry equipment
6.3.11 6.3.99	Machines and equipment for fuel handling Equipment for thermal energy generation – other	6.26 6.26.1	• •
	•		Service and repairs of power industry equipment
	•	6.26.1	Service and repairs of power industry equipment Diagnostics of power industry equipment
6.3.99	•	6.26.1 6.26.2	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines
6.3.99 Turbines	Equipment for thermal energy generation – other	6.26.1 6.26.2	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines
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6.3.99 Turbines 6.4.1 6.4.2	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines	6.26.1 6.26.2 6.26.3	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry
6.3.99 Turbines 6.4.1 6.4.2 6.4.3	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines	6.26.1 6.26.2 6.26.3 6.27	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment
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6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines	6.26.1 6.26.2 6.26.3 6.27 6.28	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants Thermal power plants firing solid fuels	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants firing solid fuels Thermal power plants firing liquid fuels	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat Distributors of electric power, gas and heat
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas Combined cycle power plants	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2 6.6.3.3	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas Combined cycle power plants Thermal power plants Thermal power plants firing gas Combined cycle power plants Thermal power plants – incineration plants	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat Distributors of electric power, gas and heat
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2 6.6.3.3 6.6.3.4	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas Combined cycle power plants	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat Distributors of electric power, gas and heat Classical and nuclear power industry and heating plants –
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2 6.6.3.3 6.6.3.4 6.6.3.5	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas Combined cycle power plants Thermal power plants Thermal power plants firing gas Combined cycle power plants Thermal power plants – incineration plants	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3 6.31 6.32 6.33 6.34 Alternative	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat Distributors of electric power, gas and heat Classical and nuclear power industry and heating plants – other
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2 6.6.3.3 6.6.3.4 6.6.3.5 6.6.3.6 Combustion	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas Combined cycle power plants Thermal power plants Thermal power plants firing gas Combined cycle power plants Thermal power plants – incineration plants Nuclear power plants engines	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3 6.31 6.32 6.33 6.34	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat Distributors of electric power, gas and heat Classical and nuclear power industry and heating plants – other
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2 6.6.3.3 6.6.3.4 6.6.3.5 6.6.3.6 Combustion 6.7.1	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas Combined cycle power plants Thermal power plants – incineration plants Nuclear power plants Elements of combustion engines Elements of combustion engines	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3 6.31 6.32 6.33 6.34 Alternative 6.35.1	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat Distributors of electric power, gas and heat Classical and nuclear power industry and heating plants – other power sources Machines and equipment for production of pressed biofuels (pellets, briquets)
6.3.99 Turbines 6.4.1 6.4.2 6.4.3 6.4.4 6.4.5 6.4.99 6.5. 6.5.1 6.5.99 Complete por 6.6.1 6.6.2 6.6.3 6.6.3.1 6.6.3.2 6.6.3.3 6.6.3.4 6.6.3.5 6.6.3.6 Combustion	Equipment for thermal energy generation – other Components and accessories of turbines Steam turbines Expansion turbines Combustion turbines Gas turbines Turbines – other Nuclear technology Components of nuclear equipment Nuclear technology – other wer plants Steam power plants Combined systems: power and district heating plant Thermal power plants firing solid fuels Thermal power plants firing liquid fuels Thermal power plants firing gas Combined cycle power plants Thermal power plants Thermal power plants firing gas Combined cycle power plants Thermal power plants – incineration plants Nuclear power plants engines	6.26.1 6.26.2 6.26.3 6.27 6.28 6.29 6.30 6.30.1 6.30.2 6.30.3 6.31 6.32 6.33 6.34 Alternative	Service and repairs of power industry equipment Diagnostics of power industry equipment Spare parts for power industry equipment and machines Turn-key general repairs of power industry equipment Refurbishment and modernization of power industry equipment Civil and erection works for power industry Oil tank cleaning Technology for classic and nuclear power industry and heating plants Technological projects for classic and nuclear power industry and heating plants Transfer of technologies for classic and nuclear power industry and heating plants Technology supplies for classic and nuclear power industry and heating plants Execution of investment projects for classic and nuclear power industry and district heating plants Manufacturers of electric power, gas and heat Distributors of electric power, gas and heat Classical and nuclear power industry and heating plants – other



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6 25 2	Diamage fixed bailer plants beating plants	6.44.2	Fluorescent tubes
6.35.3 6.35.4	Biomass fired boiler plants, heating plants Solar heating systems	6.44.3	Discharge lamps
6.35.5	Photovoltaic electric power sources	0.44.5	Discharge unips
6.35.6	Hydro-electric power plants	6.44.99	Electric light sources – other
6.35.7	Wind power plants and their accessories		3
6.35.8	Heat pumps and their accessories	Lighting fitting	gs
6.35.9	Power industry equipment for biogas utilization	6.45.1	Outdoor lighting fittings
6.35.10	Equipment and accessories for geothermal energy utilization	6.45.2	Lighting fittings for dangerous and demanding
6.35.11	Waste heat utilization, recovery		environments
6.35.12	Biofuels	6.45.3	Searchlights and headlights
6.35.13 6.35.14	Hybrid drives Fuel cells using hydrogen, natural gas, alcohol for power	6.45.99	Lighting fittings – other
0.33.14	generation	Transducers re	ectifiers and other electrotechnical elements
6.35.15	Electrical power distribution grids of Smart Grids type	mansuucers, re	ectifiers and other electrotechnical elements
6.35.16	Services, consultancy, financing in alternative power sources	6.47.1	Heavy-current power electronics (diodes, transistors,
	field		thyristors)
6.35.17	Institutions focused on renewable power sources field		,
6.35.99	Alternative power sources – other		Accessories of transducers, rectifiers, switches
		6.47.2.1	Transducers
-	gies, in CO2 emissions	6.47.2.2	Rectifiers
6.36.1	Trading in energies	6.47.2.3	Stabilizers
6.36.2	Trading in CO ₂ emissions	6.47.2.4	Current inverters
Home current	olostrical anginosring	6.47.2.5	Electric current converters
neavy-current	electrical engineering	6.47.2.6	Frequency converters
Cables and con	ductors	6.47.2.7 6.47.2.8	DC voltage converters Electric current switches and controllers
6.40.1	High and very high voltage cables	0.47.2.0	Electric current switches and controllers
6.40.2	Power cables	6.48	Uninterruptible power supplies
6.40.3	Flame retarding cables	0.10	ominical applies power supplies
6.40.4	Earth cables	Electric curren	t switchboards
6.40.5	Self-supporting cables	6.49.1	Parts of switchboards
6.40.6	Flexible cables for machine control	6.49.2	LV switchboards
6.40.7	Connecting cables for instruments	6.49.3	HV switchboards
6.40.8	Cable couplers, eyes	6.49.4	Compensation switchboards
6.40.9	Cable connectors	6.49.5	I+C switchboards
6.40.10	Cable terminals	6.49.6	Cable switching cabinets
6.40.11	Heavy current installation lines	6.49.7	Universal switchgear cubicles
6.40.12 6.40.13	Leads for electrotechnical windings Insulated conductors	6.49.8	Switchboards to order
6.40.14	Earthing materials	6.49.9	Distribution boards
6.40.15	Cable lines (stands, supports, lines, trays, througs)	6.50	Plugs and adapter plugs
6.40.16	Fastening materials for cables and conductors	0.50	rags and adapter plags
6.40.17	Cable coils	LV connecting	and switching instruments
6.40.18	Superconductors	6.51.2	LV switches
6.40.19	Heating resistance materials	6.51.3	LV contactors and circuit breakers
6.40.20	Cable marking systems	6.51.4	Fuses
6.40.21	Tools and equipment for working with cables and conductors	6.51.5	Starters
6.40.98	Complete production programme of cables, conductors	6.51.6	Rheostats
6 (0.00	and accessories Cables and conductors – other	6.51.7	LV electromagnets
6.40.99	Cables and conductors – other	6.51.8	Command devices
Electrotechnica	al insulators and insulants	6.52	Power switching devices
6.41.1	Porcelain insulators	0.32	I ower switching devices
6.41.2	El. wiring and assembly porcelain	Transformers	
6.41.3	Ceramic components for el. engineering – other	6.53.1	LV transformers
6.41.4	Electrotechnical insulants (excluding ceramic)	6.53.2	HV transformers
6.41.5	Insulating tubes for high voltage technology	6.53.3	VHV transformers
6.41.99	Electrotechnical insulators and insulants – other	6.53.4	Capacitive voltage transformers
		6.53.5	Regulating (variable-voltage) transformers
6.42	Power capacitors	6.53.6	Measuring transformers
c /2	Floring described assumption	6.53.7	Switches for transformers
6.43 6.43.1	Electrochemical power supplies Batteries, electrochemical cells	6.53.8	Components and accessories of transformers
6.43.2	Accumulators	6.53.9	Choke coils
6.43.3	Accumulators Accumulator charging systems	6.53.10 6.53.11	Service and repairs of HV and VHV transformers
6.43.99	Electrochemical power supplies – other	0.55.11	Kiosk (concrete) transformer stations
		6.54	Electric HV and VHV instruments
Electric light so	Durces	6.54.1	HV and VHV switches
3		6.54.2	HV contactors
6.44.1	Lamps	6.54.3	HV and VHV lightning arresters
6.44.1.1	Tungsten-halogen lamps	6.54.4	HV and VHV disconnectors
6.44.1.2	LED lamps	6.54.5	HV vacuum circuit breakers

POWER ENGINEERING AND HEAVY-CURRENT ELECTRICAL ENGINEERING



			MSV 20
6 5 / 6	Protective and cafety aids for HV technology	6 60 9	Industrial cockets and plugs
6.54.6 6.54.7	Protective and safety aids for HV technology Static electricity protection equipment	6.60.8 6.60.9	Industrial sockets and plugs Connecting wiring material
5.54.8	Earthing systems	0.00.9	Connecting withing material
	Laruming systems	6.61	Measuring transducers for heavy electrical engineering
lectric motors	•	6.62	Interference suppression filters
.55.1	Components for electric motors	6.63	Electromagnets for mechanical engineering
.55.2	Synchronous electric motors	6.64	Electric instruments for explosive environments
.55.2	Synchronous electric motors	6.65	Electrotechnical tools for heavy electrical engineering
.55.3	Asynchronous electric motors	6.66	Protective aids for work on electric devices
55 . 3.1	Asynchronous electric motors up to 1 kW	6.67	Lightning rods, lightning stroke protection systems
.55.3.2	Asynchronous electric motors in the range of 1 kW to 100 kW	6.68	Control systems for power plants, substations
.55.3.3	Asynchronous electric motors of more than 100 kW	0.00	and transformer stations
.55.3.4	Low-voltage asynchronous motors	6.77	CAD, CAM, CIM in heavy-current electrical engineering
.55.3.5	High-voltage asynchronous motors	6.78	Consultancy in heavy-current electrical engineering
.55.3.6	Asynchronous brakes	6.79	Engineering and design services in heavy-current electrical
,55.5.0	Asylicitorious brakes	0.75	engineering
.55.3.7	Starters for asynchronous motors	6.80	Service and repairs of machines and equipment in heavy-
.55.3.7.1	Soft starters	0.00	current electrical engineering
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.55.4	Commutator electric motors		
.55.5	DC electric motors		
55.5.1	DC electric motors up to 1 kW		
.55.5.2	DC electric motors of more than 1 kW		
.55.5.3	Brushless DC el. motors		
.55.6	Stepping electric motors, micromotors		
.55.7	Piezomotors		
.55.8	Small gear motors		
.55.9	Linear electric motors		
.55.10	Servomotors DC		
.55.11	Servomotors AC		
.55.12	Electric motors for special purposes		
.55.12.1	Electric motors for explosive environments		
.55.12.2	Electric motors designed for operation in extreme temperatures		
.55.13	Custom-made electric motors		
.55.14	Repairs of electric motors		
.55.99	Electric motors – other		
F.6	Datam navyay ayandina		
.56	Rotary power supplies		
.56.1	Alternators		
.56.2	Synchronous generators		
.56.3	Power factor compensators		
.56.4	Dynamos		
.56.99	Rotary power supplies – other		
.57	Dynamometers		
lectric industr			
.58.1	Components for thermal electric equipment		
.58.2	Electric arc and resistance furnaces		
.58.3	Induction furnaces		
.58.4	Dielectric equipment		
.58.5	HF heating		
.58.6	Microwave heating		
.58.7	Infra-red heating		
.58.8	Special electric heating		
.58.9	Heating cables		
.58.10	Induction heating equipment		
.59	Electric rotary drives		
Viring materia	al		
.60.1	House switches and sockets		
.60.2	Mounting boxes		
.60.3	Terminal boards		
.60.4	Electronic controllers and devices		
.60.5	Support and fixing materials	-	
.60.6	Plastic and metal cable terminals		

6.60.7

Cable protectors



	Machines and equipment for the electrical industry		Optical cables
		7.2.1.6	Assembled cables for transmission technology
7.1.1	Machines for manufacture of conductors and cables	7.2.1.99	Conductors – other
7.1.2	Winding machines		
7.1.3	Wire cutting and stripping machines	7.2.2	Passive electrical components
7.1.4	Cable, bunched cable and interconnecting system testing	7.2.2.1	Resistors for electronics
	equipment	7.2.2.2	Potentiometers for electronics
7.1.5	Pressing machines for the electrotechnical industry	7.2.2.3	Capacitors for electronics
7.1.6	Insulant production machines	7.2.2.4	Coils for electronics
7.1.7	Machines for insulation, impregnation and sealing	7.2.2.5	Piezo-electric crystal elements
	in electrical engineering	7.2.2.6	Ferrite cores
7.1.8	Bandaging machines	7.2.2.7	SMD passive elements
7.1.9	Coil production lines	7.2.2.99	Passive electronic elements – other
7.1.10	Transformer production lines		
7.1.11	Electric motor production machines and equipment	7.2.3	Instrument batteries and accumulators
7.1.12	Resistor production machines		
7.1.13	Capacitor production machines	7.2.4	Semiconductor elements
		7.2.4.1	Diodes
7.1.14 7.1.14.1	Cleaning machines and equipment in electrical engineering Ultrasound cleaning devices	7.2.4.99	Semiconductor elements – other
		7.2.5	Analogue integrated circuits
7.1.15	Vacuum equipment for the electrotechnical industry	7.2.6	Digital integrated circuits
7.1.16	Machines for production of semiconductors, SMD elements and	7.2.7	IGBT modules
	hybrid circuits	7.2.8	Hybrid circuits
		7.2.9	Electronic components other than semiconductor ones – other
7.1.17	Machines for printed circuit board production		
7.1.17.1	Drilling machines for printed circuit boards	7.2.10	Optic and optoelectronic elements
7.1.17.2	Automatic and semi-automatic component mounting machines	7.2.10.1	Miniature bulbs
7.1.17.3	Soldering devices for classic, mixed and surface mounting (SMT)	7.2.10.2	Visualizing elements, indicators
		7.2.10.3	LED displays
7.1.18	Assembly devices for PCB technology	7.2.10.4	LCD displays
7.1.19	Printed circuit board assembly tools	7.2.10.5	Laser displays
7.1.20	Machines for installation of electrical part contacts	7.2.10.6	Plasma displays
7.1.21	Testing systems for printed circuit boards	7.2.10.7	Fluorescent displays
7.1.22	Handling modules for the electrotechnical industry	7.2.10.8	Solar cells
7.1.23	Automatic visual checking equipment	7.2.10.9	Connecting optical elements
7.1.24	Palletizing systems for electrotechnical industry	7.2.10.10	Optical signal processing elements
7.1.25	Systems for soldered component dismantling	7.2.10.11	Optoelectronical equipment
7.1.26	Single-purpose machines for electrotechnical production	7.2.10.12	CCD elements
7.1.27	Measuring and testing equipment for electrotechnical	7.2.10.13	Laser equipment
	production	7.2.10.14	SMD optic and optoelectronic elements
7.1.28	PCB repair systems	7.2.10.99	Optic and optoelectronic elements – other
7.1.29	Auxiliary equipment for electrical engineering and electronics		
7.1.30	Antistatic workplaces and aids	7.2.11	Converters
		7.2.11	CONTROL
	Antibactic Workplaces and dias	7.2.11	Amplifiers
7.1.87	CAD, CAM, CIM in the electrotechnical industry		
7.1.87	CAD, CAM, CIM in the electrotechnical industry	7.2.12 7.2.13	Amplifiers DC/DC converters
		7.2.12	Amplifiers
7.1.87 7.1.88	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry	7.2.12 7.2.13	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other)
7.1.87 7.1.88	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical	7.2.12 7.2.13 7.2.14	Amplifiers DC/DC converters
7.1.87 7.1.88	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry	7.2.12 7.2.13 7.2.14 7.2.15	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics
7.1.87 7.1.88 7.1.89	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors
7.1.87 7.1.88 7.1.89 7.1.90	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors
7.1.87 7.1.88 7.1.89	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry Diagnostics of machines and equipment in the electrotechnical	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2 7.2.15.3 7.2.15.4	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors Internal interconnecting components (printed circuits) Connectors for PCB
7.1.87 7.1.88 7.1.89 7.1.90	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry Diagnostics of machines and equipment in the electrotechnical industry	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2 7.2.15.3 7.2.15.4 7.2.15.5	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors Internal interconnecting components (printed circuits) Connectors for PCB Connectors for optical waveguides
7.1.87 7.1.88 7.1.89 7.1.90 7.1.90.1 7.1.90.2	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry Diagnostics of machines and equipment in the electrotechnical industry Spare parts for equipment in the electrotechnical industry	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2 7.2.15.3 7.2.15.4 7.2.15.5 7.2.15.6	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors Internal interconnecting components (printed circuits) Connectors for PCB Connectors for optical waveguides Mechanical elements of electronic structures (cabinets, coolers)
7.1.87 7.1.88 7.1.89 7.1.90	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry Diagnostics of machines and equipment in the electrotechnical industry Spare parts for equipment in the electrotechnical industry Refurbishment and upgrading of equipment in the	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2 7.2.15.3 7.2.15.4 7.2.15.5 7.2.15.6 7.2.15.7	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors Internal interconnecting components (printed circuits) Connectors for PCB Connectors for optical waveguides Mechanical elements of electronic structures (cabinets, coolers) Cables, conductors for electronics
7.1.87 7.1.88 7.1.89 7.1.90 7.1.90.1 7.1.90.2	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry Diagnostics of machines and equipment in the electrotechnical industry Spare parts for equipment in the electrotechnical industry	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2 7.2.15.3 7.2.15.4 7.2.15.5 7.2.15.6 7.2.15.7 7.2.15.8	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors Internal interconnecting components (printed circuits) Connectors for PCB Connectors for optical waveguides Mechanical elements of electronic structures (cabinets, coolers) Cables, conductors for electronics Electromechanical elements (motors, switches)
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7.1.87 7.1.88 7.1.89 7.1.90 7.1.90.1 7.1.90.2	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry Diagnostics of machines and equipment in the electrotechnical industry Spare parts for equipment in the electrotechnical industry Refurbishment and upgrading of equipment in the electrotechnical industry Reworked machines and equipment for the electrotechnical	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2 7.2.15.3 7.2.15.4 7.2.15.5 7.2.15.6 7.2.15.7 7.2.15.8 7.2.15.9 7.2.15.10	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors Internal interconnecting components (printed circuits) Connectors for PCB Connectors for optical waveguides Mechanical elements of electronic structures (cabinets, coolers) Cables, conductors for electronics Electromechanical elements (motors, switches) Rotary switches Push-buttons
7.1.87 7.1.88 7.1.89 7.1.90 7.1.90.1 7.1.90.2 7.1.90.3	CAD, CAM, CIM in the electrotechnical industry Consultancy for the electrotechnical industry Engineering and design services for the electrotechnical industry Service and repairs of machines and equipment for the electrotechnical industry Diagnostics of machines and equipment in the electrotechnical industry Spare parts for equipment in the electrotechnical industry Refurbishment and upgrading of equipment in the electrotechnical industry Reworked machines and equipment for the electrotechnical industry	7.2.12 7.2.13 7.2.14 7.2.15 7.2.15.1 7.2.15.2 7.2.15.3 7.2.15.4 7.2.15.5 7.2.15.6 7.2.15.7 7.2.15.8 7.2.15.9 7.2.15.10 7.2.15.11	Amplifiers DC/DC converters Vacuum elements (electron tubes, cathode ray tubes, other) Mechanical components for electronics Flat conductor connectors Interface connectors Internal interconnecting components (printed circuits) Connectors for PCB Connectors for optical waveguides Mechanical elements of electronic structures (cabinets, coolers) Cables, conductors for electronics Electromechanical elements (motors, switches) Rotary switches Push-buttons Microswitches
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7.5.1.6	Industrial bus-bar systems	7.5.6.4	Power amplifiers
7.5.1.7	Chassis, control technology cabinets	7.5.6.5	Relays
		7.5.6.6	Switches for control
7.5.1.8	Industrial control computers	7 5 7	Control rooms
7.5.1.8.1	Minipanel PC	7.5.7 7.5.7.1	Control rooms Operation consoles for technology control
7.5.1.8.2	Single-board control computers	7.5.7.1	operation consoles for technology control
7.5.1.8.3	Network servers for industrial sites	7.5.8	Control and measuring systems
7.5.1.8.4	Industrial data collection PC	7.5.8.1	Control and measuring systems for company power engineering
7.5.1.8.5	Notebooks suitable for industrial sites	7.5.0.1	
		7.5.9	Systems for automatic production process control
7.5.1.9	Monitors	7.5.9.1	Systems for automatic thermal process and air-conditioning
7.5.1.10	Panel and large-size alphanumerical displays		control
7.5.1.11	Visualization panels for machine monitoring	7.5.9.2	Systems for automatic technological process control
7.5.1.12	Joysticks and trackballs for industrial sites		in mechanical engineering
7.5.1.13	Industrial terminals	7.5.9.3	Systems for automatic technological process control
7.5.1.14	Industrial keyboards		in chemical industry
7.5.1.15	Projection and presentation equipment for control rooms	7.5.9.4	Systems for automatic technological process control in power
7.5.1.16	Computer printers for industrial sites		engineering
7.5.1.17	Power supplies	7.5.9.99	Systems for automatic technological process control in other
7.5.1.18	Output and interconnecting cables, connectors		industrial branches
7.5.1.19	Measuring peripherals for PC	7.5.40	Automatic control customs for will was to well
	·		
7.5.1.21	or 5 for control, automation and regulation technology	7.5.11	Automatic control systems for all service
7.5.1.19 7.5.1.20 7.5.1.21	Computer cards for industrial control computers UPS for control, automation and regulation technology	7.5.10 7.5.11	Automatic control systems for railway transp Automatic control systems for air service



7.5.12	Measuring and automation equipment for support	7.12.8	Production management
	and distribution	7.12.8.1	Operative workshop planning and management
.5.13	GIS (Graphic Information Systems) for utility lines	7.12.8.2	APS (Advanced Planning System) systems for advanced producti
	administration		planning and scheduling
.5.14	Data collecting and processing equipment for control	7.12.9	Quality monitoring, CAQ (Computer Aided Quality) systems
	computers	7.12.10	Norms setting
.5.14.1	Bar code readers	7.12.11	Technology
5.14.2	RFID technologies	7.12.12	Service and maintenance
		7.12.13	Statistics and analysis for top management
.5.15	Image processing systems	7.12.14	Information tracing and utilization for management
.5.15.1	Robot vision for 2D images	7.12.15	Decision-support systems
.5.15.2	Robot vision for 3D images	7.12.16	Business Intelligence (Data Warehausing/Data Mining)
.J.1J.L	Nobot vision for 50 images	7.12.17	CRM (Customer Relationship Management) systems
.5.16	Data distribution tachnaloguin buildings	7.12.18	Marketing
	Data distribution technology in buildings		
.5.17	Redundant control systems with high reliability	7.12.19	Company processes modelling and optimizing (Workflow,
.5.18	Explosion-proof components and systems for control, automation and regulation equipment	7.12.20	Reengineering) HelpDesk tools supporting business applications
.5.99	Instruments and equipment for automatic control – other	7.12.99	General software for business management – other
.5.99	instruments and equipment for automatic control – other	7.12.33	deficial software for business management – other
	safety equipment		r offices and institutions
.6.1	Railway, air and road warning and safety equipment	7.13.1	Electronic mail
.6.2	Mining safety equipment	7.13.2	Team work support software
.6.3	Monitoring and warning systems for danger	7.13.3	Document processing
.6.4	Fault reporting systems	7.13.4	Document archiving
.6.99	Warning and safety equipment – other	7.13.5	Office automation support software
		7.13.6	DMS systems (Document Management System) for control
upervising	and control equipment		and management of structured and unstructured documents
	, ,	7.13.99	Software for offices and institutions – other
.7.1	Access checking	Sustam into	gration complex colution of EDD systems
.7.1.1	Light barriers and other photoelectric devices		gration, complex solution of ERP systems
.7.1.2	Access systems with magnetic and chip cards	7.14.1	Systems for complete document administration, flow manageme and storage (Workflow)
.7.2	Personnel and luggage checking equipment	7.14.2	PLM systems for complex product lifecycle management
.7.3	TV monitoring equipment	7.14.3	Integrated business system for companies
		7.14.4	Comprehensive production plant management system
.8	Fire, gas detecting systems	7.14.5	Comprehensive non-production plant management system
	· ·· · · , gav actoring systems	7.14.6	Comprehensive management system for budget and publicly
.9	Antifire and antiexplosion safety equipment in industrial		funded organizations
.9		7.14.7	Comprehensive management system for production and busines
. 0 1	plants	7.14.7	concerns
'.9.1	Fire safety systems for machine-tools and forming machines	71/0	
.9.2	Spray booth fire safety systems	7.14.8	Comprehensive management for holding companies
		7.14.9	Company management network system
	detecting robberies, danger, entry of unauthorized persons	7.14.10	Modular system of business management
.10.1	Systems with central security board	7.14.11	Comprehensive information system for crisis management
.10.2	Electric and photoelectric supervision systems	7.14.99	System integration, complex solution of ERP – other
1.10.2.1	CCD camera systems	7.15	System integration in the sector of industrial information,
.10.2.2	Broken glass detectors	,,,,	measuring and control systems
.10.3	IR supervision systems	7.15.1	Made-to-order development of software and hardware in the fi
.10.4	Ultrasonic supervision systems		of automation
.10.4	Microwave supervision systems		
.10.5	Laser and radar supervision systems	7.16	Training machines and equipment
.10.6	Seismic sensor systems (geophones)	7.17	CAD, CAM, CIM in control, automation and regulation
7.11	Industrial robots and their assemblies	7.18	technology Consultancy in control, automation and regulation technology
		7.19	Engineering design services in the field of control, automati
.11.1	Micro-positioning systems	7.19	and regulation technology
.11.2	Robotic cells		and regulation technology
.11.3	Turn-key integrated solutions of robotized production processes	7.20	Service and repairs of equipment and instruments
eneral softv	ware for business management		in control, automation and regulation technology
.12.1	Tangible and intangible property records	7.20.1	Diagnostics of control, automation and regulation technology
.12.2	Invoicing	7.20.2	Spare parts for control, automation and regulation technology
.12.2	Book-keeping	7.20.3	Refurbishment and upgrading of control, automation
	, 3		and regulation technology
.12.4	Human resources		and regulation teermotogy
'.12.5	Wages and salaries	7.29	Elements and systems in control, regulation and automation
	NOTIVIARO CUMPORTANO GOVOLONMONT OF NOW INDUCTRIAL PRODUCTO		CIETIERIS AND SYSTEMS IN CONTROL TERMINATION AND AUTOMATION
'.12.6 '.12.7	Software supporting development of new industrial products Technical preparation for production	7.23	technology



			MSV 2025
Scales and s	weighing technology	7.34.99	Equipment and measuring instruments for electric
7.31.1	Components and parts of scales	7.34.99	variables – other
7.31.1	Weighbridge		vai lables – Otilei
7.31.2		7.35	Universal names cumplies
	Belt conveyer scales Crane scales	7.35.1	Universal power supplies
7.31.4			Universal supplies of stabilized voltage
7.31.5	Dosing scales	7.35.2	Universal supplies of stabilized current
7.31.6	Sack and filling scales	7.26	18-hk
7.31.7	Electronic balances and weighing	7.36	High voltage power supplies
7.31.8	Laboratory balances	7.37	Calibration standards for electrical engineering technology
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	uring instruments	Sensors for	picking up mechanical variables
7.32.1	Electric and electronic clocks	7.004	6 6 11 1 1 1
7.32.2	Checking clocks	7.38.1	Sensors for picking up mechanical
7.32.3	Timers	7.38.1.1	Pressure sensors
7.32.4	Time control displays	7.38.1.2	Pressure difference sensors
7.32.5	Special purpose time measuring instruments	7.38.1.3	Speed sensors
7.32.6	Operation hour counters	7.38.1.4	Acceleration sensors
		7.38.1.5	Load sensors
Optomecha	nical instruments	7.38.1.6	Position sensors
7.33.1	Components for optomechanical instruments	7.38.1.7	Path sensors icluding gyroscopic systems
7.33.2	Microscopes and accessories	7.38.1.8	Length, distance sensors
7.33.3	Geodetic and cartographic instruments	7.38.1.9	Shift / feed sensors
7.33.4	Photogrammetric instruments and accessories	7.38.1.10	Thickness sensors
7.33.5	Telescopes, magnifiers	7.38.1.11	Angle sensors
7.33.6	Astronomic instruments	7.38.1.12	Revolution sensors
7.33.7	Optomechanical spectral analysers	7.38.1.13	Sensors of speed, velocity, acceleration
7.33.8	Fibre optics	7.38.1.14	Fluid flow sensors
7.33.9	Industrial endoscopes	7.38.1.15	Gas flow sensors
7.33.10	Profile projectors	7.38.1.16	Fluid level sensors
	, ,	7.38.1.17	Fluid level measured value sensors
7.33.99	Optomechanical instruments – other	7.38.1.18	Surface quality evaluating sensors
T	- f	7.38.1.19	Force sensors
Instrument	s for measuring of electric variables	7.38.1.20	Sensors of force, strain, deformation and bending
	M. Dec.	7.38.1.21	Vibration sensors
7.34.1	Multimeters	7.38.1.22	Torque sensors
7.34.2	Ammeters	7.38.1.99	Sensors for picking up mechanical quantities – other
7.34.3	Digital avometers (multimeters)	7.50.1.55	Sensors for preking up meenameat quantities outlet
7.34.4	Voltmeters	7.38.2	Sensors for picking up electric quantities and parameters
7.34.5	Voltage testers	7.38.3	Sensors for picking up acoustic quantities and parameters
7.34.6	Charging meters	7.50.5	sensors for picking up acoustic quantities and parameters
7.34.7	R-L-C-Z meters	7.38.4	Sensors for picking up optical quantities and parameters
7.34.8	Conductance meters	7.38.4.1	Optical sensors
		7.38.4.2	Optoelectronic sensors
7.34.9	Universal analyzers of analog and digital LF systems	7.38.4.3	Sensors of light signal parameters in glass fibres
7.34.9.1	Universal measuring instruments	7.38.4.4	Picture sensors
		7.38.4.5	Colour sensors
7.34.10	Instruments for measuring of voltage, current, resistance		Sensors for picking up optical quantities and parameters – other
	and output for HV	7.38.4.99	Sensors for picking up optical quantities and parameters – other
7.34.11	Switchboard measuring instruments	7.38.5	Temperature and thermal power sensors
7.34.12	Oscilloscopes		
7.34.13	Electric meters	7.38.5.1	Contactless temperature sensors
7.34.14	Measuring bridges	7.38.5.2	Thermal power sensors
7.34.15	Measuring photoelectric instruments	7.00.6	Company for mislains are served to account to
7.34.16	Measuring amplifiers	7.38.6	Sensors for picking up magnetic quantities and parameters
7.34.17	Measuring transducers	7.38.6.1	Sensors for measuring of magnetic quantities
7.34.17	Harmonic distortion analyzers	7.38.6.2	Magnetic field detectors
	· · · · · · · · · · · · · · · · · · ·	7.38.6.3	Sensors of magnetic field parameters
7.34.19	Spectral analyzers of electric signals		
7.34.20	Signal analyzers	7.38.7	Humidity sensors
7.34.21	Electric network analyzers	7.38.7.1	Absolute humidity sensors
7.34.22	Local network cable analyzers	7.38.7.2	Relative humidity sensors
7.34.23	Phase meters	7.38.7.3	Liquid leak detectors
7.34.24	Attenuation level meters		
7.34.25	Noise meters	7.38.8	Sensors for picking up chemical quantities and parameters
7.34.26	Digital channel testers		
7.34.27	HF power meters	Measuring i	nstruments of physical quantities
7.34.28	Electronic component testers		
7.34.29	Digital integrated circuit testers	7.39.1	Measuring instruments for length, angle, thread
7.34.30	Logic analyzers	7.39.1.1	Length meters
7.34.31	Data interface analyzers	7.39.1.2	Angle meters
7.34.32	Computer cards for PC logic analyzer	7.39.1.3	Thread gauges
7.34.33	Counters	7.39.1.4	Geometric shape measuring devices
7.34.34	Electromagnetic compatibility test units (EMC)	7.39.1.5	Position meters
7.34.35	Electronic generators	7.39.1.6	Electronic levels
		7.39.1.0	Lice of the tevels



7.39.1.7	Laser levelling instruments	7.39.19	Detectors of underground supply lines
7.39.1.8	Equipment for contactless size measurements	7.39.20	X-ray and nuclear radiation measuring instruments
	, .	7.39.21	Viscosity meters
7.39.2	Velocity meters	7.39.22	Surface tension and contact angle meters
7.39.3	Acceleration meters	7.39.23	Systems and instruments for physical quantity calibration
7.55.5	Acceleration meters	7.39.24	Testing and calibration measuring instruments and standards
7.39.4	Flow meters	7.53.24	for physical quantities
	Flow meters for liquids		for physical qualitities
7.39.4.1	· · · · · · · · · · · · · · · · · · ·	7 20 00	Managerina in almost a control for all and a language and a control and
7.39.4.2	Water meters for cold water	7.39.99	Measuring instruments for other physical parameters
7.39.4.3	Water meters for hot water		
7.39.4.4	Gas flow meters		struments for chemical quantities
7.39.4.5	Gas meters (diaphragm, turbine)	7.40.1	Measuring instruments for pH, redox potential and conductance
7.39.5	Measuring instruments of phenomenon abundance	7.40.2	Measuring instruments and analyzers of harmful gases
7.39.5.1	Pulse counters with and without preselection	7.40.3	Oxygen meters
7.39.3.1	ruise counters with and without preselection	7.40.4	Stationary and portable detectors of flammable gases
7 20 6	Curad indicators		
7.39.6	Speed indicators	7.40.5	Exhaust gas analyzers
		7.40.6	Gas analysis and monitoring instruments
7.39.7	Temperature meters	7.40.7	Measuring instruments and analyzers of toxic substances
7.39.7.1	Digital temperature meters	7.40.8	Ion meters
7.39.7.2	Contactless temperature meters	7.40.9	Devices for fast chemical analysis
7.39.7.3	Pyrometers, infrapyrometers	7.40.99	Instruments for measurements of chemical quantities – other
7.39.7.4	Temperature meters with thermocouples		
7.39.7.5	Resistance thermometers	7.41	Laser measuring instruments
7.39.7.6	Measured temperature recorders		
7.39.7.7	Pointer thermometers	Measuring sy	stems and instruments
		7.42.1	Measuring instruments for meteorology
7.39.8	Thermal power and output meters		3
7.39.8.1	Industrial temperature monitoring systems		Measuring instruments for mechanical engineering
7.39.8.2	Cameras for infra-red thermography	7.42.2.1	Gauges for mechanical engineering
7.39.8.3	Instruments for thermal analysis	7.42.2.2	Micrometers
7.39.8.4	Calorimeters	7.42.2.3	Inside micrometers
		7.42.2.5	Inside interested
7.39.8.5	Heat meters	7.42.2.4	Coordinate measuring devices and accessories
		7.42.2.4.1	3D coordinate measuring devices and elements
7.39.9	Optical measuring instruments	7.42.2.4.1	3D Coordinate measuring devices and elements
7.39.9.1	UV and IR radiation meters	7 (0 0 5	Manager to the terror and for the sections
7.39.9.2	Measuring instruments for optical waveguides	7.42.2.5	Measuring instruments for bearings
7.39.9.3	Luxmeters	7.42.2.6	Measuring instruments for gear wheels
7.39.9.4	Optoelectronic measuring instruments	7.42.2.7	Balancing machines
7.39.9.5	Color meters	7.42.2.8	Operational balancing machines
7.39.9.6	Gloss meters	7.42.2.9	Diagnostics of gears and bearings
7.39.9.7	Optical sources with defined characteristics	7.42.2.10	Vibration diagnostics
		7.42.2.11	Monitoring of rotary machine condition
7.39.10	Force measuring instruments	7.42.2.12	Surface roughness and roundness measuring devices
		7.42.2.13	Instruments for destructive and non-destructive testing of weld
7.39.11	Pressure measuring instruments		joinst
		7 42 2	Managering instruments for sixil angineering
7.39.11.1	Gas pressure measuring instruments	7.42.3 7.42.4	Measuring instruments for civil engineering Measuring instruments for agriculture
7.39.11.1.1	Vacuum meters	7.42.4	measuring instruments for agriculture
		7 /0 5	Managed and a day from the other and make and
7.39.11.2	Liquid pressure meters	7.42.5	Measuring devices for plastics and rubbers
7.39.11.3	Dynamic pressure meters	7.42.5.1	Rheometers for measurements of rheological plastics properties
		7.42.5.2	Viscometers for plastics and rubbers
7.39.12	Mass, thickness, area meters	7.42.5.3	Plastometers
7.39.12.1	Equipment for continuous mix density measurements		
7.39.12.2	Filling level sensors, liquid level sensors	7.42.6	Testing and calibration instruments and systems
		7.42.7	Measuring instruments for metrology
7.39.13	Measuring instruments and analyzers of vibrations	7.42.8	Universal modular measuring devices with replaceable
		7.42.9	pickups Automatic samplers
7.39.14	Acoustic measuring instruments	, ,	
7.39.14.1	Noise dosimeters	7.42.99	Measuring instruments and systems for other branches
7.39.14.2	Sound level meters	7.42.33	ricusuring instruments and systems for other branches
7.39.14.3	Noise monitoring instruments	Laboratorya	nd eciontific instruments
7.39.14.4	Hydroacoustic instruments	-	nd scientific instruments
7.39.14.5	Ultrasonic measuring instruments	7.43.1	Laboratory glass
		7.43.2	Laboratory china
7.39.15	Filling level and surface height measuring instruments	7/22	Dinattoe and liquid desires desires
7.39.16	Torque measuring instruments	7.43.3	Pipettes and liquid dosing devices
7.39.17	Moisture measuring instruments	7.43.3.1	Titrators
		7 / 2 /	
7.39.18	Measuring instruments of magnetic quantities	7.43.4	Laboratory thermometers
7.39.18.1	Metal detectors	7.43.5	Laboratory driers
7.55.10.1	rictat actettors	7 43 6	Laboratory cooling equipment



7.43.7 7.43.8 7.43.9	Lyophylizers (freeze driers) Distilling and extraction devices Emulgation, homogenization and dispersing equipment	7.43.37 7.43.38 7.43.39	Laboratory handling devices Laboratory cleaning machines Laboratory tools of precious metals
.43.9	for laboratories		Equipment for school laboratories, school measuring
.43.10	Laboratory autoclaves	7.43.40	instruments
. 43.11 43.11.1	Climatic and temperature chambers for laboratories Thermostats	7.43.99	Laboratory and scientific instruments – other
43.12	Laboratory furnaces and accessories	7.44	Laboratory furniture
	·	Instruments	for checking material properties and faults
.43.13	Vacuum technology for laboratories	7.45.1	Components of equipment for checking material properties
43.13.1	Laboratory vacuum pumps		and faults
43.13.2	Laboratory vacuum meters		
43.13.99	Vacuum technology – other	7.45.2	Equipment for static tests of material properties
/2.20	I also make an illustrations and also as	7.45.2.1	Material and layer thickness testing equipment
43.20	Laboratory instrumentation	7.45.2.2	Surface roughness testing equipment
/2 20 1	laharatan sasah mara	7.45.2.3	Porosity testing equipment
43.20.1	Laboratory analyzers	7.45.2.4	Roughness meters
43.20.1.1	Polarographs		•
43.20.1.2	X-ray fluorescence equipment	7.45.3	Equipment for dynamic tests of material properties
43.20.2	Filtration instruments for laboratories	7.45.3.1	Material hardness testing equipment
43.20.3	Separation equipment for laboratories		Material hardness testing equipment Material testing equipment for tension, pressure, bending
43.20.4	Laboratory centrifuges	7.45.3.2	Material testing equipment for tension, pressure, bending and shear
43.20.5	Laboratory separators	7 /5 2 2	
		7.45.3.3	Adhesion detectors
43.20.6	Laboratory screening machines	7.45.3.4	Tensile testing machines
43.20.7	Laboratory colouring instruments	7.45.3.5	Wear testing equipment, simulation of operating stress
43.20.8	Special scientific instruments	7.45.3.6	Equipment for testing of fatigue cracks and fatigue toughness
43.21	Optical laboratory instruments	7.45.3.7	Material elasticity testing equipment
.43.21.1	Polarimeters	7.45.3.7.1	Spring testers
43.22	Spectrometers	7.45.3.8	Equipment for testing thermal properties of material
43.22.1	X-ray spectrometers	7.45.3.9	Dilatometers
43.22.2	Infra-red spectrometers	71131313	Diatomoters
43.22.3	UV spectrometers	7.45.4	Material structure testing devices
43.22.4	Atomic absorption spectrometers	7.45.4.1	Ultrasonic testing instruments
43.22.5	Mass spectrometers	7.45.4.2	Non-destructive testing instruments (flaw/crack detection)
43.22.6	Spark spectrometers	7.45.4.2	Building material property testing equipment
43.22.7	Spectrum database	7.43.4.3	building material property testing equipment
/a aa	lahamban melanasan	7.45.5	Material crack testing
43.23	Laboratory microscopes	7.45.6	Pipeline, valve and tank leak testing
.43.23.1	Electron microscopes	7.45.7	Cable fault localization
.43.23.2	Infra-red microscopes		
43.23.3	Laser microscopes	7.45.8	Corrosion testing and analysis equipment
	To also and a few also and a second a second and a second a second and	7 (5 0 4	- · · · · ·
43.24	Instruments for chromatography (liquid, gas, accessories)	7.45.8.1	Corrosion chambers
	Instruments for chromatography (liquid, gas, accessories)		
43.25	Diffractometers	7.45.9	Sun radiation effect testers
43.25	,		
. 43.25 43.25.1	Diffractometers Particle size analyzers	7.45.9	Sun radiation effect testers
43.25 43.25.1 43.26	Diffractometers Particle size analyzers Refractometers	7.45.9 7.45.9.1	Sun radiation effect testers Sun simulating chambers
43.25 43.25.1 43.26 43.27	Diffractometers Particle size analyzers Refractometers Spectrophotometers	7.45.9 7.45.9.1 7.45.10	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing
43.25 43.25.1 43.26 43.27 43.28	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters	7.45.9 7.45.9.1 7.45.10 7.45.10.1	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers
43.25 43.25.1 43.26 43.27 43.28 43.29	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11 7.45.11.1	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11 7.45.11.1 7.45.11.2	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11 7.45.11.1 7.45.11.2	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11 7.45.11.1 7.45.11.2 7.45.11.3	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32.1	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation Measuring instruments for interphase chemistry	7.45.9 7.45.9.1 7.45.10 7.45.10.1 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5 7.45.11.6	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering Diagnostics of electric motors
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32.1	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation Measuring instruments for interphase chemistry Equipment for work with radioactive substances	7.45.9 7.45.9.1 7.45.10 7.45.11.1 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5 7.45.11.6 7.45.11.7	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering Diagnostics of electric motors Testing equipment for plastic and rubber products
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32.1	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation Measuring instruments for interphase chemistry	7.45.9 7.45.9.1 7.45.10 7.45.11.1 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5 7.45.11.6 7.45.11.7	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering Diagnostics of electric motors Testing equipment for plastic and rubber products Casting tightness testing machines Testing and checking equipment for testing of material
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32.1 43.33 43.34.1	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation Measuring instruments for interphase chemistry Equipment for work with radioactive substances	7.45.9 7.45.9.1 7.45.10 7.45.11 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5 7.45.11.6 7.45.11.7	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering Diagnostics of electric motors Testing equipment for plastic and rubber products Casting tightness testing machines
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32.1 43.33 43.34.1 43.35	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation Measuring instruments for interphase chemistry Equipment for work with radioactive substances Instruments for isotope analysis Linear accelerators	7.45.9 7.45.10 7.45.11 7.45.11 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5 7.45.11.6 7.45.11.8 7.45.99 Systems for l	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering Diagnostics of electric motors Testing equipment for plastic and rubber products Casting tightness testing machines Testing and checking equipment for testing of material properties and faults – other PC-based data measurement and analysis
43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32.1 43.33 43.34 43.34.1 43.35 43.36	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation Measuring instruments for interphase chemistry Equipment for work with radioactive substances Instruments for isotope analysis Linear accelerators Auxiliary laboratory instruments	7.45.9 7.45.9.1 7.45.10 7.45.11 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5 7.45.11.8 7.45.11.8 7.45.99 Systems for 1 7.46.1	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering Diagnostics of electric motors Testing equipment for plastic and rubber products Casting tightness testing machines Testing and checking equipment for testing of material properties and faults – other PC-based data measurement and analysis Measured value collection systems, loggers
43.24 43.25 43.25.1 43.26 43.27 43.28 43.29 43.30 43.31 43.32 43.32.1 43.33 43.34 43.34.1 43.35 43.36 43.36.1 43.36.2	Diffractometers Particle size analyzers Refractometers Spectrophotometers Colorimeters Turbidity meters Metallography devices High-pressure laboratory devices Laboratory equipment for the petrochemical and oil industry Devices for multicomponent analysis of oils and gases without separation Measuring instruments for interphase chemistry Equipment for work with radioactive substances Instruments for isotope analysis Linear accelerators	7.45.9 7.45.10 7.45.11 7.45.11 7.45.11.1 7.45.11.2 7.45.11.3 7.45.11.4 7.45.11.5 7.45.11.6 7.45.11.8 7.45.99 Systems for l	Sun radiation effect testers Sun simulating chambers Equipment for vibration effect testing Vibration chambers Product testing equipment Industrial X-ray devices Equipment for continuous quality checking in production Testing equipment for the semiconductor and microprocessor industries Testing equipment for the automotive industry Testing equipment for products of heavy-current electrical engineering Diagnostics of electric motors Testing equipment for plastic and rubber products Casting tightness testing machines Testing and checking equipment for testing of material properties and faults – other PC-based data measurement and analysis



7.46.4	Telemetric systems
7.46.5	Cables for measuring and laboratory devices
7.46.6	Measuring modules
7.46.7	Measuring PC cards
7.46.8	Software for data measuring and analysis
7.46.9	Measuring systems with data collection
7.46.99	Components of PC-based measuring system – other
7.47	Recording instruments
7.48	Electronic picture processing in measurements
7.48.1	Cameras for picture scanning
7.48.1.1	High-speed cameras
7.48.2	Laser scanning devices
7.48.3	Technologies for digital picture archiving and analysis in measurements
7.80	Complete turnkey laboratory equipment
7.83	Technical drawing instruments and special drawing tools
7.88	Consultancy in measuring and laboratory technology
7.89	Engineering and design services in measuring
	and laboratory technology
7.90	Service and repairs of instruments for measuring
	and laboratory technology
7.91	Reworked laboratory and measuring technology
7.92	Materials testing services
7.94	X-Ray inspections
7.99	Instruments and equipment for measuring and laboratory
	technology – other

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Air-conditioning equipment		8.2	Pumping stations
8.1.1 8.1.1.1	Components for air-conditioning equipment Air pipelines	Technologies	s for the treatment of drinking, service and technological water
8.1.1.2	Pneumatic haulage equipment	8.3.1	Design of water treatment plants
8.1.1.3	Air distribution equipment	8.3.2	Water treatment plant sedimentation and filtration units
0.1.1.3	All distribution equipment		
0.4.0	Formand annual control	8.3.3	Aeration equipment for water treatment plants
8.1.2	Fans and accessories	8.3.4	Flocculation equipment for water treatment plants
8.1.2.1	Axial fans	8.3.5	Filters for the removal of mechanical impurities during water
8.1.2.2	Radial fans		treatment
8.1.2.99	Fans – other	8.3.6	Screens and sieves for water treatment plants
		8.3.7	Centrifugal impurity separators
8.1.3	Air and gas dedusting equipment		
8.1.3.1	Centrifugal dust separators	8.3.8	Chemical and physical water treatment
8.1.3.2	Accessories for air and gas dedusting equipment	8.3.8.1	Dosing equipment for water treatment plants
8.1.3.3	Air cleaners	8.3.8.2	Equipment for the elimination of iron and manganese during
			water treatment
8.1.4	Solid particle separators	8.3.8.3	Water softening and demineralization equipment
8.1.4.1	Electrostatic separators	8.3.8.4	Water desalting equipment
		8.3.8.5	Water decarbonization equipment
8.1.5	Solid particle filters	8.3.8.6	Water dechlorination equipment
8.1.5.1	Filtration textiles	8.3.8.7	Filters for the elimination of unpleasant water odours
8.1.5.2	Cloth filters	0.3.0.7	and flavours
0.1.5.2	Clour filters	0 2 0 0	
0.4.6	E	8.3.8.8	Equipment for the elimination of radon from water
8.1.6	Exhaust and flue gas cleaning equipment		
		8.3.8.9	Equipment for membrane separation processes
8.1.7	Heat exchangers for air-conditioning	8.3.8.9.1	Microfiltration
8.1.7.1	Heat recycling exchangers	8.3.8.9.2	Ultrafiltration
		8.3.8.9.3	Reverse osmosis
8.1.8	Air-conditioning equipment for clean rooms		
8.1.8.1	Ventilation equipment	8.3.8.10	Ionex systems for water treatment plants
8.1.8.2	Air heating	8.3.8.11	Equipment for water disinfection in treatment plants
8.1.8.3	Exhausters	8.3.8.12	Magnetic water treatment
8.1.8.4	Industrial air cleaning systems for machine-tools, forming	8.3.8.13	Degasifying equipment
	machines and production rooms	8.3.8.99	Chemical and physical water treatment – other
	masimos ana production rooms	0.0.0.00	onemout and physical nation discussions of other
8.1.9	Equipment for separation of polluted gaseous substances from	8.3.9	Treatment of household water
0.2.5	air and combustion products	8.3.9.1	Household water treatment filters
8.1.9.1	Absorptive equipment for the purification of pollutant-loaded air	0.5.5.1	Trouberrott Water treatment receip
8.1.9.2	Adsorptive equipment for the purification of pollutant-loaded air	8.3.10	Auxiliary equipment and accessories for water treatment
8.1.9.3	Biological equipment for the removal of waste substances from	0.3.10	plants
0.1.9.3	pollutant-loaded air	8.3.11	•
0.4.0.7	•		Turn-key water treatment plants
8.1.9.4	Catalytic incineration equipment for pollutant-loaded air purity	8.3.12	Production of clean and ultra-clean water
8.1.9.5	Thermal equipment for pollutant-loaded air purity		
8.1.9.6	Condensation equipment for pollutant-loaded air purity	8.3.99	Technology for the treatment of drinking, service
8.1.9.7	Dust recycling equipment for working rooms		and technological waters – other
8.1.9.8	Oil and emulsion fog exhausting equipment		
8.1.9.99	Equipment for separation of polluted gaseous substances from air	8.4	Water reservoirs, tanks
	and combustion products – other		
		Technology f	or sewage water treatment plants
8.1.10	Equipment for desulphurization and denitrification		
	of combustion products	8.5.1	Design of sewage water treatment plants
8.1.11	Combustion product treatment plants for communal		,
	and industrial waste incinerators	8.5.2	Equipment for mechanical clarification of sewage water
8.1.12	Chimneys and accessories thereof	8.5.2.6	Filters, filtration equipment for sewage water treatment plants
8.1.13	Breathing apparatuses and respirators	8.5.2.99	Equipment for mechanical clarification of sewage water – other
0.1.13	breating apparatuses and respirators	0.5.2.99	Equipment for mechanical clarification of sewage water – other
8.1.14	Air-conditioning equipment	8.5.3	Equipment for biological purification of waste waters
	Air-conditioning equipment Air-conditioning units		Equipment for biological purification of waste waters
8.1.14.1		8.5.3.1	Aerobic equipment for the purification of sewage waters
8.1.14.2	Equipment for creating certain climatic conditions		(aeration, biodisc)
8.1.14.3	Air moisteners and demoisteners	8.5.3.2	Nitrification and denitrification equipment
		8.5.3.3	Equipment for removing phosphorus from sewage waters
8.1.15	Gas media driers	8.5.3.4	Biologically active filters
8.1.16	Solenoid and pneumatic controlled valves for flow control	8.5.3.5	Biodegradation of crude oil substances and their derivatives
8.1.17	Aerating equipment		in sewage waters
8.1.45	Consultancy in air purity protection	8.5.3.6	Anaerobic plants for the purification of sewage waters
8.1.46	Air purity planning	8.5.3.99	Equipment for biological purification of sewage waters – other
8.1.47	Reconstruction and upgrading of equipment for air treatment		
8.1.48	Maintenance and repairs of pollutant-loaded air cleaning	8.5.4	Chemical and physical purification of sewage waters
	equipment	8.5.4.1	Flotation and flocculation units
	-4	8.5.4.2	Absorption and adsorption equipment for the purification
8.1.99	Air-conditioning equipment – other	0.5.7.2	of sewage waters
0.1.33	conditioning equipment - other		or seriage naters



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8.5.4.3	Separators of crude oil substances	8.20.2.8	Waste presses
8.5.4.3.1	Separators of oils, emulsions, diluents	8.20.2.8.1	Waste baling presses
8.5.4.4	Microfiltration and ultra-filtration units for sewage water	8.20.2.99	Machines and equipment for waste treatment – other
0.5.4.4	treatment plants	0.20.2.99	Machines and equipment for waste creatinent – other
8.5.4.5	Units for electrical dialysis	8.20.3	Recovery of raw materials from waste, recycling
8.5.4.6	Reverse osmosis units for the purification of sewage waters	8.20.3.1	Recycling of metal-containing waste
8.5.4.7	Plants with ion exchangers for the purification of sewage waters	8.20.3.2	Recycling of electrotechnical scrap
8.5.4.8	Equipment for disinfection and oxidation of sewage waters	8.20.3.3	Recycling of used cars
8.5.4.9	Thermal equipment for the purification of sewage waters	8.20.3.4	Recycling of used cooling equipment and refrigerators
8.5.4.99	Chemical and physical sewage water purification – other	8.20.3.5	Recycling of plastic waste
		8.20.3.6	Recycling of textile waste
8.5.5	Equipment for sewage sludge processing	8.20.3.7	Recycling of used tyres, rubber
8.5.5.1	Bioreactors	8.20.3.8	Recycling of used glass
8.5.5.2	Digestion tanks	8.20.3.9	Recycling of used paper
8.5.5.3	Gas holders for sludge gas	8.20.3.10	Recycling of building debris
8.5.5.4	Equipment for sludge thickening and dewatering	8.20.3.11	Processing of waste from the food industry into animal feed
8.5.5.5	Biogas engines	8.20.3.12	Recycling of pollutant loaded air and gases
8.5.5.6	Equipment for the production of sewage sludge granulation	8.20.3.13	Recycling of liquid waste
0 5 5 7	products Sludge management	8.20.4	Composting lines
8.5.5.7 8.5.5.8	Transportation and storage of sludge	8.20. 4 8.20.5	Composting lines Fermentation plants
8.5.5.99	Equipment for the processing of sewage – other	0.20.5	rementation plants
0.5.5.99	Equipment for the processing of sewage – other	8.20.6	Thermal processing of waste
8.6	Pumps, blowers, agitators for water management	8.20.6.1	Communal waste incinerators
8.7	Power plants for water management	8.20.6.2	Industrial waste incinerators
8.8	Construction components for water management	8.20.6.3	Hospital waste incinerators
8.9	Chemical products for water treatment and purification	8.20.6.4	Equipment for pyrolysis
	·		11 13 3
Sewage water	treatment plants	8.20.7	Waste storage
		8.20.7.1	Engineering and geological investigation
8.10.1	Communal sewage treatment plants	8.20.7.2	Design of dumping sites
8.10.2	Industrial sewage water treatment plants	8.20.7.3	Geotextiles
8.10.3	Complete deliveries of sewage treatment plants	8.20.7.4	Insulation and sealing films and materials for dumping
			sites
8.11	Sewerage networks and sewers	8.20.7.5	Tubes for degasification and drainage of dumping sites
8.12	Water reservoirs for water accumulation	8.20.7.6	Biogas stations
8.13	Advisory service for water purity protection	8.20.7.7	Weighing equipment for dumping sites
8.14	Reconstruction and upgrading of unsuitable sewage water	8.20.7.8	Monitoring systems for dumping sites
8.15	treatment plants Service and repair of water treatment and sewage plants	8.20.7.9 8.20.7.10	Trenchless drainage of existing dumping sites Operation of dumping sites
0.13	equipment	8.20.7.10	operation of dumping sites
8.16	Technology for the reduction of technological water	8.20.8	Elimination of waste by solidification
	consumption	8.20.9	Elimination of waste by biodegradation
	-	8.20.10	Hazardous waste elimination technology
Waste process	ing and utilization	8.20.11	Advisory service for waste disposal
•		8.20.12	Elaboration of waste management studies
8.20.1	Collection and transportation of waste	8.20.13	Transportation of hazardous waste and substances
8.20.1.1	Waste bins	8.20.14	Comprehensive solutions in waste disposal
8.20.1.2	Containers for the collection of communal waste	8.20.15	Complex waste management by own staff to order
8.20.1.3	Containers for the collection of industrial waste	8.20.16	Reduction of waste production
8.20.1.4	Containers and barrels for the collection of hazardous waste		
8.20.1.5	Silos and industrial tanks for waste	8.20.99	Waste processing and utilization – other
8.20.1.6	Hospital waste bins	0.04	
8.20.1.7	Mobile and ecological toilets	8.21	Soil and landscape protection
8.20.1.8	Equipment for waste compaction and compression	F	
8.20.1.9	Waste loading and handling equipment Transport equipment for waste transportation	8.22.1	-friendly technologies for and industry Alternative power sources
8.20.1.10 8.20.1.11	Complete programme for storing and handling of hazardous	8.22.2	Energy-saving devices and technologies
0.20.1.11	materials	8.22.3	Packaging engineering and materials harmless
8.20.1.99	Equipment for the collection and transportation of waste –	0.22.3	for the environment
0.20.1.99	other	8.22.4	Environment-sound chemicals
	54.5.	8.22.5	Waste free technologies
8.20.2	Machines and equipment for waste treatment	8.22.99	Environment-friendly technologies for industry other
8.20.2.1	High-pressure water cutting and demolition systems		5 <u>5</u>
8.20.2.2	Hydraulic shears	Removal of o	ld environmental burden and consequences
8.20.2.3	Cutting mills	of ecological	
8.20.2.4	Waste crushers	8.25.1	Equipment for the detection of contaminants
8.20.2.5	Bulk transport conveyers and waste feeders		in soil and soil air
8.20.2.6	Waste-storage bins	8.25.2	Equipment for the detection of contaminants in water
8.20.2.7	Waste sorting plants	8.25.3	Hydrogeological research for the detection of bedrock
			contamination

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8.25.4	Elimination of contaminants from geological environment	8.50.2.8	Projects of ecological business management systems	
8.25.5	Cleaning of soils	8.50.2.9	Consultancy in the introduction of ISO 14000 Standards	
8.25.6	Maintenance and recultivation of old landfills	8.50.2.10	Advisory service for environmental legislation	
8.25.7	Removal of contaminants from ground and underground	8.50.2.11	Legal representation	
0.25.7	waters	8.50.2.12	Patents, licences, know-how in environmental protection	1
8.25.8	Maintenance of chemical plants	8.50.2.13	Product certification complying with environmental prot	
8.25.9	Maintenance of contaminated industrial zones	8.50.2.14	Assessment of environmental damages	CCCIOII
8.25.10	Elimination of waste generated in the process of reclamation	8.50.2.15	Financing of environmental projects	
8.25.11	Elimination of organic contamination	0.50.2.15	Tillationing of crivitorinicitiat projects	
8.25.12	Equipment for signalling ecological disasters	8.50.3	Environment monitoring	
8.25.13	Equipment preventing emergency leakage of contaminants	0.50.5	Environment monitoring	
8.25.14	Protective clothes and aids for work with hazardous	8.50.4	Accredited testing laboratories for the environment	
	and toxic substances	8.50.4.1	Accredited soil and waste analyses	
8.25.15	Advisory service for old environmental burden and ecological	8.50.4.2	Accredited water analyses	
	incidents	8.50.4.3	Accredited water analyses Accredited analyses of emissions and air pollution	
8.25.16	Decontamination projects	0.50.4.5	Accredited analyses of emissions and all pollution	
8.25.99	Removal of old environmental burden and consequences	8.50.5	Environment research	
	of ecological incidents – other	8.50.6	Environmental organisations	
Noise redu	ction	0.50.00	Literature consises research environmental organisation	ne
8.30.1	Soundproof insulation materials	8.50.99	Literature, services, research, environmental organisation	ns –
8.30.2	Sound protection absorption walls and panels		other	
8.30.3	Sound protection absorption watts and panets Sound protection booths, sheaths, walls, barriers	c: 1		
8.30.4	Sound mufflers	Circular ecor	•	
8.30.5	Impact and vibration suppressors	8.60. 1	Recycling of water, nutrients and energy	
8.30.6	Soundproof windows		contained in it	
8.30.7	Design of sound protection measures	8.60. 2	Recirculation of water in enterprises	
8.30.99	Noise reduction – other	8.60.3	Application of greywater in construction	
0.30.99	Noise reduction – other	8.60.4	Rain water management systems	
Instrument	tation for environment control	8.60.5	Energy self-sufficient systems for households	
		8.60.6	New energy sources	
8.33.1	Control and regulating systems for environmental technology	8.60.7	Biogas stations of a new generation	
8.33.2	Instrumentation for air and flue gas analysis	8.60.8	Circular economy systems for civil engineering	
8.33.3	Equipment for ionizing radiation measurements	8.60.9	New building materials	
8.33.4	Instrumentation for noise and vibration measurements	8.60.10	Circular economy systems for waste management	
8.33.5	Instrumentation for soil analysis	8.60.11	Innovative sorting systems	
8.33.6	Monitoring in the environmental sector	8.60.12	New waste recycling technologies	
8.33.7	Accredited test laboratories	8.60.13	Materials from waste in general	
8.33.8	Production of measuring devices for the environmental sector	8.60.14	Materials from waste flows	
0.00.0	to order	8.60.15	Products from secondary raw materials	
8.33.9	Complex equipment of laboratories	8.60.16	Digital technologies in circular economy	
8.33.10	Hardware and software for environmental protection	8.60.17	Smart systems for effective source usage control	
8.33.11	Communication engineering for data transmission	8.60.18	Refurbishment and repair systems	
8.33.99	Instrumentation for environment control other	8.60.19	Circular economy services	
		8.60.20	Consultancy in the field of circular economy	
Machines fo	or industrial cleaning and washing	8.60.21	Rent of systems and equipment in circular economy	
		8.60.22	Circular economy research and development	
8.40.1	Cleaning machines	8.60.23	Other circular economy	
8.40.2	Baling presses for waste separation and handling		Š	
8.40.3	Industrial cleaning machines			
8.40.3.1	High-pressure cleaning equipment			
8.40.3.2	Ultrasonic washing equipment			
8.40.3.3	Industrial washing tables			
8.40.3.4	Industrial vakuum cleaners			
8.40.4 8.40.5	Sweeping and floor washing machines			
	Machines for the cleaning of roads and airports			
8.40.99	Machines for industrial cleaning and washing – other			
Literature,	services, research, environmental organizations			
8.50.1	Literature and periodicals on the environment			
	ntal services			
8.50.2.1	Flahoration of environmental audits			

Dispersion studies Assessment of project impact on the environment Expert opinions for the State Environmental Fund

Elaboration of environmental audits

Investigation of environmental burden

Energy audit elaboration

Risk analysis

8.50.2.1 8.50.2.2

8.50.2.3 8.50.2.4

8.50.2.5

8.50.2.6 8.50.2.7



9.2.30

Quality control

RESEARCH, DEVELOPMENT, TRANSFER OF TECHNOLOGIES, FINANCIAL AND OTHER SERVICES

Science and research		9.2.31 9.2.32	Operation and equipment control FM (Facility Management) services
9.1.1	Basic and applied research		, , ,
9.1.1.1	Research in the field of raw materials and power resources	Organisation	ns, institutions
9.1.1.2	Research in the field of materials	9.2.33.1	State authorities, governmental institutions
9.1.1.3	Research in the field of nanotechnologies		
9.1.1.4	Research in the field of physics	9.2.33.2	Non-governmental institutions
9.1.1.5	Research in the field of nuclear engineering	9.2.33.2.1	Chambers of commerce
9.1.1.6	Research in the field of electrical engineering	9.2.33.2.2	Interest unions, interest associations
9.1.1.7	Research in the field of information processing		
	and communication	9.2.33.3	Multinational institutions
9.1.1.8	Research in the field of industrial automation	9.2.33.3.1	European institutions
9.1.1.9	Research in the field of machine and equipment design	9.2.33.3.2	Cooperation and assistance programmes
9.1.1.10	Research in the field of traffic and transport		
9.1.1.11	Research in the field of economics and management	9.2.34	Schools
9.1.1.99	Basic and applied research in other technical fields	9.2.99	Services – other
Economic, fina	ncial, advertising and other services, institutions		strial real estates and localities, regional development
0.04		9.3.1	Land planning
9.2.1	Banks and financial institutions	9.3.2	Programmes for regional development
9.2.2	Financial consulting	9.3.3	Presentation of development and investment plans
9.2.3	Organizational, economic and entrepreneurial consultancy	9.3.4	Technology parks, business centres, free trade areas
9.2.4	Financing	9.3.5	Offer of development localities for industrial construction
9.2.5	Leasing	9.3.6	Offer of industrial real estates
9.2.6	Insurance	9.3.7	Demand for investors
9.2.7	Export consultancy	9.3.8	Financial institutions, project financing, services
9.2.8	Searching of business contacts abroad	9.3.99	Business and investment activities – other
9.2.9	Assessment of company's financial standing		
9.2.10	Securing import – export		
9.2.11	Representation of foreign companies		
9.2.12	Evaluation of patents, patent representation		
9.2.13	Know-how		
9.2.14	Licensing		
9.2.15	Trade marks		
9.2.16	Standards		
9.2.17	Product certification		
9.2.18	Quality certification		
9.2.18.1	Consultancy in the field of introduction of ISO 9 000		
9.2.10.1	and ISO 14 000 Standards		
9.2.19 9.2.20	Take-over tests Product and package design		
9.2.20	Trouble and package design		
9.2.21	Marketing		
9.2.21.1	Market research		
9.2.21.2	Market information		
9.2.21.3	Addresses of prospective customers		
9.2.21.4	Information data banks		
9.2.21.5	Direct mailing		
Advertising an	d publicity services		
9.2.22.1	Advertising articles and gifts		
9.2.22.2	Advertising services abroad		
9.2.22.3	Advertising printed matter		
9.2.22.4	Internet-based advertising services		
0.0.00	Duklishing become		
9.2.23	Publishing houses		
9.2.23.1	Specialist newspapers and journals		
9.2.23.2	Specialist publications		
9.2.24	Technical information		
9.2.25	Seminars and special training		
9.2.26	Support of trading and export		
9.2.27	Engineering services		
9.2.27.1	Product development		
	•		
9.2.28	Technical services		
9.2.29	Testing		

TRANSPORTATION, HANDLING, INDUSTRIAL PACKING, WAREHOUSING AND LOGISTICS



10.1	Ships	Transport and	
10.1.1	Parts and accessories for ships	10.6.1	Truck parts
		10.6.2	Hand trucks
10.2	Aircraft and aero instruments		
10.2.1	Airplane parts and accessories	10.6.3	Battery trucks
10.2.2	Aviation instruments	10.6.3.1	Batteries and accessories for battery trucks
10.2.3	Security aircraft technology		
		10.6.4	Gas-operated trucks
10.2.4	Airport equipment	10.6.5	I.C. engine equipped trucks
	, , ,	10.6.6	Driverless trucks, induction trucks
Rail vehicles			
		10.6.7	Attachments for transport trucks
10.3.1	Parts and accessories for rail vehicles	10.6.7.1	Attachments for high-lift trucks
10.3.1.1	Remote control of locomotives		
10.3.1.1	Nemote control of tocomotives	10.6.99	Transport and lift trucks – other
10.3.2	Locomotives		
10.3.3	Carriages	10.7	Lifts
10.3.4	Special carriages	10.7	End
10.3.5	Undercarriages	Transport e	aujamant
		Hallsport	quipinent
10.3.6	Tramways	10.01	Doube and a second of two ways and any down out
10.3.90	Overhauls, upgrading and reconstructions	10.8.1	Parts and accessories of transport equipment
	of rail vehicles	10.8.1.1	Conveyer parts and accessories
10.3.91	Turnouts and superstructures		
_		-	r loose materials transport
Cranes		10.8.2.1	Band conveyers
		10.8.2.2	Worm conveyers
10.4.1	Parts and accessories for cranes	10.8.2.3	Vibratory conveyers
10.4.1.1	Remote control of cranes	10.8.2.4	Chain/Redler conveyers
10.4.1.2	Binding ropes, eyes and hooks	10.8.2.5	Bucket elevators
10.4.1.3	Crane tracks	10.8.2.99	Conveyers for loose materials transport – other
10.4.1.4	Suspension equipment		
		10.8.3	Conveyers for lump materials transport
10.4.2	Bridge cranes	10.8.3.1	Roller conveyers
10.4.3	Crane wagons	10.8.3.2	Wheel conveyers
10.4.4	Tower cranes	10.8.3.3	Ball conveyers
10.4.5	Full-portal gantry cranes	10.8.3.4	Overhead conveyers incl. overhead grooves
10.4.6	Pillar and mast cranes	10.8.3.99	Conveyers for lump materials transport – other
10.4.7	Truck cranes		
10.4.8	Jib cranes	10.8.4	Pneumatic transport
10.4.9	Bracket cranes	10.8.99	Transport equipment – other
10.4.10	Erecting cranes	10.0.55	nunsport equipment other
10.4.11	Grab cranes	10.9	Rope conveyers
10.4.11	Telescopic cranes	10.9	Rope conveyers
10.4.12	Cable cranes	Handling of	
		Handling ed	Jurpment
10.4.14	Rotary cranes	10101	F
10.4.15	Metallurgical industrial cranes	10.10.1	Equipment for loading and unloading lump materials
10.4.16	Cranes for works on electrical lines	10.10.1.1	Arm loaders
10.4.17	Cranes for harbours and shipyards	10.10.1.2	Hydraulic arms
10.4.90	Overhauls, upgrading and reconstructions of cranes		
10.4.99	Cranes – other	10.10.2	Equipment for loading and unloading loose materials
Lifting mech	anisms	10.10.3	Transport means
		10.10.3.1	Pallets
10.5.1	Pulley blocks	10.10.3.2	Pallet superstructures
10.5.1.1	Rope pulley blocks	10.10.3.3	Storing cases
10.5.1.2	Chain pulley blocks	10.10.3.4	Crates
		10.10.3.5	Rolltainers
10.5.2	Jacks	10.10.3.6	Containers incl. ISO
10.5.3	Pneumatic lifting mechanisms	10.10.3.7	Containers for the transport of liquids
		10.10.3.8	Omnitainers
10.5.4	Hydraulic lifting mechanisms	10.10.3.9	Cistern semi-trailers
10.5.4.1	Hydraulic jacks	10.10.3.99	Transport means – other
	, ,		·
10.5.5	Lifting platforms and ramps	10.10.4	Storing and disassembling machines
10.5.6	Lifting electromagnets	10.10.4.1	Palletizing and depalletizing machines
10.5.7	Permanent lifting magnets	10.10.4.2	Stacking and destacking equipment
10.5.8	Hand-operated lifting equipment	10.10.4.9	Storing and disassembling machines – other
10.5.9	Load grasping equipment		J
10.5.10	Winches	10.10.5	Machines for adjusting handling equipment
10.5.10	Vacuum gripping and hoisting devices	10.10.5.1	Bundling equipment
10.5.11	Lifting mechanisms – other	20.10.3.1	
10.5.55	meanamonio valei		



TRANSPORTATION, HANDLING, INDUSTRIAL PACKING, WAREHOUSING AND LOGISTICS

10.10.5.2	Strapping equipment	10.15.7	Parking systems
10.10.5.2.1	Strappings	10.15.7.1	Automated parking houses
10.10.5.3 10.10.5.3.1	Binding equipment Chain, textile and rope binding means	10.15.8	Warehouse fire and explosion security
	•	10.15.99	Storing technology and operation equipment – other
10.10.5.4	Baling presses		
10.10.5.5 10.10.5.9	Handling equipment contour checking devices Machines for adjusting handling equipment – other	10.16 10.16.1	Industrial gates, bolts, automatic and turnstile doors Gate packings and screens
10.10.6	Single purpose and municipal vehicles with superstructures	10.17	CAD, CAM, CIM in transport, handling and assembly
10.10.0			technology
10.10.7.1	Handling aids Hand clamps	10.18	Engineering and design services in transport, handling and assembly technology
10.10.7.2	Vacuum, magnetic suction equipment		and assembly technology
10.10.7.3	Crowbars	Service and r	repairs in transport, handling and assembly technology
10.10.7.4	Slide rails incl. wagon slide rails	10.19.1	Diagnostics in transport, handling and assembly technology
10.10.7.5	Displacing rollers		
10.10.7.6	Rolling undercarriages	10.19.2	Spare parts for transport, handling and assembly technology
10.10.7.7	Lifting wheels	10.19.2.1	Travelling wheels and rollers
10.10.7.8	Stands	10.19.2.2	Tyres for transport and handling equipment
10.10.7.9	Steps	40 40 2	December of the control of the contr
10.10.7.10 10.10.7.99	Ladders Handling aids – other	10.19.3	Reconstructions and upgrading in transport, handling and assembly technology
10.10.8	Automated handling systems	10.20	Refurbished transport, handling and assembly technology
10.10.9	Container-type transport systems		
10.10.99	Handling equipment – other	10.21 10.21.1	Technologies for transport, handling and assembly technology Technological projects for transport, handling and assembly
10.10.99	nandling equipment – other	10.21.1	technology
10.11	Scaffolds	10.21.2	Technological supplies for transport, handling and assembly
10.11.1	Mobile scaffolds		technology
10.12	Working, safety and evacuation technology for work at heights	10.22	Execution of investment units for transport, handling and assembly technology
Assembly m	achines and equipment	Packaging ma	aterials and packages, packaging machines for the industry
		10.23.1	Materials for the production of packages
10.13.1	Accessories for assembly machines		
10.13.2	Assembly machines	10.23.2 10.23.2.1	Packages for industrial packaging Anticorrosive paper
10.13.3	Assembly lines	10.23.2.1	Allicorrosive paper
10.13.3	Benches for assembly lines	10.23.3	Packing machines and equipment
10.13.3.1	benches for assembly times	10.23.3.1	Barrier film packaging machines
10.13.4	Unit-construction assembly lines	10.23.3.2	Machines for container forming, filling and sealing
10.13.5	Assembly controls	10.23.3.3	Group packaging machines
10.13.6	Assembly riveting machines		
10.13.7	Automatic and control instruments for assembly machines and	10.23.4	Marking machines and equipment for packaging
	equipment	10.23.5	Turn-key packaging solutions
	• •	10.23.6	Custom-made packaging
10.13.99	Assembly machines and equipment – other	10.23.9	Packaging materials and packages, packaging machines for the industry – other
10.14	Assembly and handling robots for industrial production		
10.14.1	Robot peripherals and accessories	Services by	carriers and forwarding agents
Storina tech	nnology and operation equipment	10.24.1	Domestic freight traffic
Jeoning Lett	motogy and operation equipment	10.24.1	International freight traffic
10.15.1	Shelves		•
10.15.1.1	Pallet shelves	10.24.3	Special loads transport
10.15.1.2	Rack shelves	10.24.3.1	Transport of heavy and oversize loads
10.15.1.3	Bracket shelves	10.24.3.2	Transport of dangerous loads based on ADR
10.15.1.4	Paternoster shelves		
10.15.1.5	Pull-out shelves for long materials	10.24.4	Tubular transport
10.15.1.6	Mobile shelves	10.24.5	City logistics
10.15.1.7	Library, archives and office shelves	10.24.6	Storage rooms and storing services
10.15.1.8	Storing and wardrobe systems	10.24.7	Packing of transport consignments
		10.24.8	Forwarding services
10.15.2	S/R machines (storage and retrieval machines)	10.24.9	Collecting services
10.15.3	Storage tanks	10.24.10	Loading and securing services in transport
10.15.4	Balance for logistics and transport	10.24.11	Customs services
10.15.5	Ramps and bridges	10.24.12	Express transport of lump consignments
10.15.6	Automated storing systems	10.24.99	Services by carriers and forwarding agents – other

TRANSPORTATION, HANDLING, INDUSTRIAL PACKING, WAREHOUSING AND LOGISTICS



Freight termi	nals
10.25.1	Airports
10.25.2	Harbours
10.25.3	Container transshipment terminal
10.25.4	Logistic (distribution) centers, areals
10.25.4.1	Logistic providers
	3
Services in t	ranchart
	•
10.26.1	Services for truck crews abroad
10.26.2	Insurance in transport
10.26.3	Postal services
10.26.4	Providing permits for special load transport abroad
10.26.5	Banking services in transport
10.26.99	Services in transport – other
Telematics, of in logistics	communication, information and control systems
10.27.1	Printing, labelling and marking equipment
10.27.1.1	Bar code printers
10.27.2	Data collecting equipment
10.27.2.1	Data collecting terminals
10.27.3	Communication equipment for storage rooms and logistics
10.27.4	Identification equipment and systems
10.27.4.1	Bar code based identification equipment and systems
10.27.4.2	RFID based identification equipment and systems
10.27.4.3	RTLS (Real Time Location Systems) and their accessories
	··· (······
10.27.5	Dashboard PCs and their peripherals
10.27.6	GPS (Global Positioning System)
10.27.7	Navigation systems
10.27.8	Systems for tracing vehicle movement
10.27.9	Satellite systems for truck traffic control
10.27.10	Geographic information systems (GIS)
10.27.11	Software for transport, storage and materials handling
10.27.11.1	Application software for transport and forwarding
10.27.11.2	Application software for provisioning
10.27.11.2.1	Software for controlling material and commodity flows
10.27.111.2.1	Solithare for controlling material and commonly flows
10.27.11.3	Application software for managing storage rooms
10.27.11.4	WMS (Warehouse Management Systems) for real time management
10.27.11.9	Software for transport, storage and materials handling – other
10.27.11.9	Software for transport, storage and materials nandling – other
10.27.12	Software for label printing
10.27.13	Software for enterprise resource planning – ERP
10.27.13.1	Software for Business Intelligence (BI)
10.27.13.2	Software for supply chain management – SCM
10.27.13.3	Software for customer relationship management – CRM
10.27.13.4	Software for order flow management and for production
	automation
10.27.99	Telematics, communication, information and control
	systems for logistics – other
Literature, co	nsultancy, training, service in transport and logistics Professional literature and periodicals for transport
10 20 2	and logistics
10.28.2	Technical information in logistics
10.28.3	Consultancy in transport and distribution
10.28.4	Consultancy in customs affairs
10.28.5 10.28.6	Consultancy in dangerous loads transport Drivers' training
10.40.0	PLIVE S LIGHTING

10.28.6

Drivers' training

10.28.7	Services for railway engineering
10.28.8	Consultancy in organizing assembly lines
10.28.9	Logistic system audit
10.28.10	Training, education and requalification in logistics
	and transport
10.28.11	Customer solutions of storing equipment
10.28.12	Design of logistic systems
10.28.13	Reengineering of logistic systems
10.28.14	Outsourcing of logistic systems
10.28.15	Turnkey supplies of logistic systems
10.28.16	Finance and insurance in logistics and transport
10.28.17	Information and service equipment for passengers' transport
10.28.18	Security services in storage and transport
10.28.99	Literature, consultancy, training, service in transport
	and logistics – other
10.29	Research and development in logistics and transport
10.30	Organizations, associations, unions for logistics and transport



MACHINE TO	01.5	11 1 5 5	Vantian had tong million mankings
MACHINE-TO	OLS	11.1.5.5 11.1.5.6	Vertical bed type milling machines Universal bed type milling machines
11.1.1	Lathes	11.1.5.7	Multi-head bed type milling machines
11.1.1	Bench lathes	11.1.5.7	Copying milling machines
11.1.1.1	Production lathes (for lot production)	11.1.5.9	Circular able milling machines
11.1.1.3	Universal centre lathes	11.1.5.10	Drum type milling machines
11.1.1.4	Multi-tool production lathes	11.1.5.11	Die-sinking machines
11.1.1.5	Vertical turning lathes	11.1.5.12	Universal tool milling machines
11.1.1.6	Copying lathes	11.1.5.13	Milling and boring machines
11.1.1.7	Short-bed lathes (second operation lathes)	11.1.5.14	Universal milling and boring machines
11.1.1.8	Facing lathes with tailstock	11.1.5.15	Machining centres
11.1.1.9	Facing lathes with bench	11.1.5.16	Bench hand-controlled knee-type milling machines
11.1.1.10	Cutting-off lathes	11.1.5.17	Open-side gantry milling machines
11.1.1.11	Watchmakers' lathes	11.1.5.18	Slot and keyway milling machines
11.1.1.12	Precision bench lathes	11.1.5.19	Crankshaft and camshaft milling machines
11.1.1.13	Relieving lathes	11.1.5.20	Chamfering and pointing milling machines
11.1.1.14	Oval turning lathes	11.1.5.21	Engraving machines
11.1.1.15	Wheel set lathes	11.1.5.99	Milling machines – other
11.1.1.16	Wheelset tyre profiling lathes	44.4.6	C
11.1.1.17	Axle turning lathes	11.1.6	Gear cutting and finishing machines
11.1.1.18	Axle journal turning and roller burnishing lathes	11.1.6.1	Gear hobbing machines
11.1.1.19 11.1.1.20	Crankshaft turning lathes Camshaft turning lathes	11.1.6.2	Rack milling machines
11.1.1.20	Piston lathes	11.1.6.3 11.1.6.4	Gear shaping machines Bevel gear hobbing and shaping machines
11.1.1.22	Roll turning lathes	11.1.6.5	Gear rolling machines
11.1.1.23	Bar turning and peeling machines	11.1.6.6	Gear grinding machines
11.1.1.99	Lathes – other	11.1.6.7	Gear shaving machines
11.1.1.55	Edities of the	11.1.6.8	Gear polishing and lapping machines
11.1.2	Automatic lathes	11.1.6.9	Gear tooth rounding and deburring machines
11.1.2.1	Single-spindle universal automatic lathes	11.1.6.10	Automatic multioperational gear cutting machines with
11.1.2.2	Single-spindle chucking automatic lathes		tool magazine (gear cutting centres)
11.1.2.3	Single-spindle bar automatic lathes	11.1.6.99	Gear cutting machines – other
11.1.2.4	Multi-spindle chucking automatic lathes		
11.1.2.5	Multi-spindle bar automatic lathes	11.1.7	Screwing and threading machines
11.1.2.6	Lathes with driven tool		
11.1.2.7	Vertical turning automatic lathes	11.1.8	Planing, shaping, slotting and broaching machines
11.1.2.8	High-speed automatic lathes	11.1.8.1	Planing machines with other operation options
11.1.2.8 11.1.2.9	Automatic multioperational lathes with tool magazine	11.1.8.2	Planing machines with other operation options Horizontal shaping machines
11.1.2.9	Automatic multioperational lathes with tool magazine (turning centres)	11.1.8.2 11.1.8.3	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines
	Automatic multioperational lathes with tool magazine	11.1.8.2 11.1.8.3 11.1.8.4	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines
11.1.2.9	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines
11.1.2.99 11.1.2.99 11.1.3	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines
11.1.2.9 11.1.2.99 11.1.3 11.1.3.1	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other
11.1.2.99 11.1.2.99 11.1.3	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines
11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other
11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines
11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.10	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines
11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4 11.1.3.5	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.10 11.1.8.11	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Broaching machines
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11.1.2.9 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4 11.1.3.5 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines – other	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.10 11.1.8.11 11.1.8.12 11.1.8.99 11.1.9.1 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.4 11.1.9.5	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines – other Sawing, filing and abrasive cutting-off machines Band sawing machines Circular sawing machines Cutting-off machines, with abrasive discs Friction sawing machines
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11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4 11.1.3.5 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.4	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines – other Boring machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, fixed column Bed type boring and milling machines, moving column	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.10 11.1.8.11 11.1.8.12 11.1.8.19 11.1.9.1 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.4 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines – other Sawing, filing and abrasive cutting-off machines Band sawing machines Circular sawing machines Circular sawing machines Cirtular sawing machines Cirtular coff machines, with abrasive discs Friction sawing machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines
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11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4 11.1.3.5 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.4	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, fixed column Bed type boring and milling machines, moving column Boring and milling machines, gantry type Jig boring machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.11 11.1.8.12 11.1.8.99 11.1.9 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.4 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99 11.1.9.99	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines – other Sawing, filing and abrasive cutting-off machines Band sawing machines Circular sawing machines Circular sawing machines Cutting-off machines, with abrasive discs Friction sawing machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines Horizontal spindle surface-grinding machines Vertical spindle surface-grinding machines
11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4 11.1.3.5 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.3 11.1.4.4 11.1.4.5	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines – other Boring machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, fixed column Bed type boring and milling machines, moving column Boring and milling machines, gantry type	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.11 11.1.8.12 11.1.8.19 11.1.9.1 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.4 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines Planing, shaping and abrasive cutting-off machines Band sawing machines Gircular sawing machines Cutting-off machines Cutting-off machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines Horizontal spindle surface-grinding machines
11.1.2.9 11.1.2.99 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.5 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.3 11.1.4.4 11.1.4.5 11.1.4.6	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, fixed column Bed type boring and milling machines, moving column Boring and milling machines, gantry type Jig boring machines (coordinate boring and milling machines)	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.11 11.1.8.12 11.1.8.99 11.1.9 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.4 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99 11.1.9.99	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines Auxing, filing and abrasive cutting-off machines Band sawing machines Circular sawing machines Circular sawing machines Cutting-off machines, with abrasive discs Friction sawing machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines Horizontal spindle surface-grinding machines Vertical spindle surface-grinding machines Universal spindle surface-grinding machines (with adjustable
11.1.2.9 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.6 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.3 11.1.4.5 11.1.4.6	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, fixed column Bed type boring and milling machines, moving column Boring and milling machines, gantry type Jig boring machines (coordinate boring and milling machines) Cylinder block reboring machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.10 11.1.8.11 11.1.8.12 11.1.8.99 11.1.9 11.1.9.1 11.1.9.1 11.1.9.3 11.1.9.4 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99 11.1.10 11.1.10.1 11.1.10.1 11.1.10.2 11.1.10.3	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines – other Sawing, filing and abrasive cutting-off machines Band sawing machines Circular sawing machines Circular sawing machines Cutting-off machines, with abrasive discs Friction sawing machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines Horizontal spindle surface-grinding machines Vertical spindle surface-grinding machines Universal spindle surface-grinding machines (with adjustable wheelhead)
11.1.2.9 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.6 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.3 11.1.4.5 11.1.4.6	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines – other Boring machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, fixed column Boring and milling machines, gantry type Jig boring machines (coordinate boring and milling machines) Cylinder block reboring machines Boring machines – other Milling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.11 11.1.8.12 11.1.8.99 11.1.9.1 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.4 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99 11.1.9.99 11.1.10.1 11.1.10.1	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines – other Internal broaching machines Surface broaching machines Transfer broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines Planing, shaping, slotting and broaching machines Band sawing machines Gircular sawing machines Circular sawing machines Circular sawing machines Cutting-off machines, with abrasive discs Friction sawing machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines Horizontal spindle surface-grinding machines Universal spindle surface-grinding machines Universal spindle surface-grinding machines Wertical spindle surface-grinding machines (with adjustable wheelhead) Horizontal surface-grinding machines with rotary table Vertical surface-grinding machines with rotary table Plain cylindrical grinding machines
11.1.2.9 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4 11.1.3.5 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.4 11.1.4.5 11.1.4.6 11.1.4.7 11.1.4.99 11.1.5 11.1.5.1	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines – other Boring machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, moving column Boring and milling machines, gantry type Jig boring machines (coordinate boring and milling machines) Cylinder block reboring machines Boring machines – other Milling machines Horizontal knee-type milling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.10 11.1.8.11 11.1.8.12 11.1.8.99 11.1.9 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99 11.1.9.99 11.1.10.1 11.1.10.1 11.1.10.1	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines Planing and shaping machines Surface broaching machines Transfer broaching machines Broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines Planing, shaping, slotting and broaching machines Band sawing machines Gircular sawing machines Circular sawing machines Circular sawing machines Cirting-off machines, with abrasive discs Friction sawing machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines Horizontal spindle surface-grinding machines Vertical spindle surface-grinding machines Universal spindle surface-grinding machines Vertical surface-grinding machines (with adjustable wheelhead) Horizontal surface-grinding machines with rotary table Vertical surface-grinding machines with rotary table Plain cylindrical grinding machines
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11.1.2.9 11.1.3 11.1.3.1 11.1.3.2 11.1.3.3 11.1.3.4 11.1.3.5 11.1.3.6 11.1.3.7 11.1.3.8 11.1.3.9 11.1.3.10 11.1.3.11 11.1.3.99 11.1.4 11.1.4.1 11.1.4.2 11.1.4.3 11.1.4.4 11.1.4.5 11.1.4.6 11.1.4.7 11.1.4.99 11.1.5 11.1.5.1	Automatic multioperational lathes with tool magazine (turning centres) Automatic lathes – other Drilling machines Bench type drilling machines Pillar type drilling machines Column type drilling machines Gang drilling machines Multi-spindle drilling machines Radial drilling machines Precision coordinate drilling machines Deep hole drilling and boring machines Turret head drilling machines Horizontal drilling machines Automatic multioperational drilling machines with tool magazine (drilling centres) Drilling machines – other Boring machines Fine boring machines, horizontal Fine boring machines, vertical Bed type boring and milling machines, moving column Boring and milling machines, gantry type Jig boring machines (coordinate boring and milling machines) Cylinder block reboring machines Boring machines – other Milling machines Horizontal knee-type milling machines	11.1.8.2 11.1.8.3 11.1.8.4 11.1.8.5 11.1.8.6 11.1.8.7 11.1.8.8 11.1.8.9 11.1.8.10 11.1.8.11 11.1.8.12 11.1.8.99 11.1.9 11.1.9.1 11.1.9.1 11.1.9.2 11.1.9.3 11.1.9.4 11.1.9.5 11.1.9.6 11.1.9.7 11.1.9.99 11.1.10 11.1.10.1 11.1.10.1 11.1.10.1 11.1.10.2 11.1.10.3	Planing machines with other operation options Horizontal shaping machines Vertical shaping machines Plate edge planing machines Copy shaping machines Keyseating, broaching and slotting machines Planing and shaping machines Planing and shaping machines Surface broaching machines Transfer broaching machines Broaching machines Broaching machines Planing, shaping and broaching machines Planing, shaping, slotting and broaching machines Planing, shaping, slotting and broaching machines Band sawing machines Gircular sawing machines Circular sawing machines Circular sawing machines Cirting-off machines, with abrasive discs Friction sawing machines Filing machines Automatic cutting lines Sawing, filing and abrasive cutting-off machines – other Grinding machines Horizontal spindle surface-grinding machines Vertical spindle surface-grinding machines Universal spindle surface-grinding machines Vertical surface-grinding machines (with adjustable wheelhead) Horizontal surface-grinding machines with rotary table Vertical surface-grinding machines with rotary table Plain cylindrical grinding machines



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11.1.10.11	Copying grinding machines	11.1.14.13	Electromechanical deburring machines
11.1.10.12	High speed grinding machines	11.1.14.14	Thermal deburring machines
11.1.10.13	Abrasive band grinding machines	11.1.14.15	Ultrasonic polishing machines
11.1.10.14	Double-spindle surface-grinding machines		
11.1.10.15	Jig grinding machines	11.1.15	Special production machines and modular units
11.1.10.16	Automatic grinding machines with tool magazine (grinding centres)	11.1.15.1	Special production machines with rotating tools
	3 3 ,	11.1.15.2	Rotary indexing table machines
11.1.11	Special purpose grinding machines	11.1.15.3	Positioning units with rotary table and drum
11.1.11.1	Electrolytic grinding machines	11.1.15.4	Transfer lines
11.1.11.2	Superfinishing grinding machines	11.1.15.5	Special production machines – other
11.1.11.3	Profile grinding machines	11.1.15.6	Turning units
11.1.11.4	Cylindrical grinding machines	11.1.15.7	Drilling units
11.1.11.5	Oval grinding machines	11.1.15.8	Milling units
11.1.11.6	Polygon grinding machines	11.1.15.9	Special modular units – other
11.1.11.7	Spline shaft grinding machines	11.1.15.10	Finishing machines – centring and end facing
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11.1.11.9	Centre hole grinding machines	11.1.16	Electroerosion machine tools
11.1.11.10	Slideway grinding machines	11.1.16.1	Electrochemical machine tools
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11.1.11.12	Camshaft grinding machines	11.1.10.2	Etectiotytic machine coots
11.1.11.13	Crankshaft grinding machines	11.1.16.3	Spark erosion machine tools
11.1.11.13	Valve grinding machines	11.1.16.3.1	Spark erosion machine tools Spark erosion sinking machines
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11.1.11.15	Axle journal grinding machines	11.1.16.3.2	Spark erosion boring machines
11.1.11.17	Roller bearing race grinding machines	11.1.10.5.5	Spark erosion borning machines
11.1.11.17	Grinding machines with flexible shaft	11.1.17	Laser machine tools
11.1.11.10	Grinding machines special – other	11.1.17	Laser tube and profile processing machine tools
11.1.11.99	of finding macrimes special – other		
11 1 10	Taal animalian and abancaning mankings	11.1.17.2	Laser metal sheet processing machine tools
11.1.12	Tool grinding and sharpening machines	11.1.17.3	Laser cutting machines
11.1.12.1	Universal tool and cutter grinding machines	11 1 10	Machina tagle with marellal binamatic structure
11.1.12.2	Single point cutting tool sharpening machines	11.1.18	Machine tools with parallel kinematic structure
11.1.12.3	Carbide tool sharpening machines	11.1.19	Micro-machine tools
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11.1.12.5	Twist drill sharpening machines Cutter and reamer sharpening machines	11.1.99	Machine tools – other
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11.1.12.7	Sharpening machines for saw blades	Forming mad	hines
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11.1.12.7 11.1.12.8 11.1.12.9	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines	11.2.1	Mechanical presses
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11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses
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11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.1 11.1.13.2 11.1.13.3	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses
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11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.5 11.1.13.6	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder	11.2.1. 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.5.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.5.1 11.1.13.6 11.1.13.7 11.1.13.8	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media	11.2.1. 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.5.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19 11.2.1.19	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses Fine blanking presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.5 11.1.13.6 11.1.13.7 11.1.13.8 11.1.13.99	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media Grinding tools and accessories – other	11.2.1. 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.6 11.1.13.7 11.1.13.8 11.1.13.8 11.1.13.99	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media Grinding tools and accessories – other Honing, lapping, polishing and deburring machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19 11.2.1.19	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses Fine blanking presses Special purpose mechanical presses – other
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.5,1 11.1.13.6 11.1.13.7 11.1.13.8 11.1.13.99 11.1.14 11.1.14.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media Grinding tools and accessories – other Honing, lapping, polishing and deburring machines Honing machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19 11.2.1.19 11.2.1.19 11.2.1.19	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses Fine blanking presses Special purpose mechanical presses – other Hydraulic presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.6 11.1.13.7 11.1.13.8 11.1.13.99 11.1.14 11.1.14.1 11.1.14.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media Grinding tools and accessories – other Honing, lapping, polishing and deburring machines Honing machines Cylinder honing machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19 11.2.1.19 11.2.1.19 11.2.1.19	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses Special purpose mechanical presses – other Hydraulic presses Double-action presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.4 11.1.13.5 11.1.13.6 11.1.13.7 11.1.13.8 11.1.13.8 11.1.13.99 11.1.14 11.1.14.1 11.1.14.1	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media Grinding tools and accessories – other Honing, lapping, polishing and deburring machines Honing machines Cylinder honing machines Surface lapping and cylindrical lapping machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.17 11.2.1.19 11.2.1.19 11.2.1.20 11.2.1.99	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses Fine blanking presses Special purpose mechanical presses – other Hydraulic presses Double-action presses Double-and four-column hydraulic presses
11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.2 11.1.13.3 11.1.13.5 11.1.13.5 11.1.13.5 11.1.13.6 11.1.13.7 11.1.13.8 11.1.13.99 11.1.14 11.1.14.1 11.1.14.1 11.1.14.2 11.1.14.3 11.1.14.4	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media Grinding tools and accessories – other Honing, lapping, polishing and deburring machines Honing machines Cylinder honing machines Surface lapping and cylindrical lapping machines Lapping machines – other	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.9 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19 11.2.1.19 11.2.1.20 11.2.1.99	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Fly presses Mechanical column presses Embossing/stamping presses Geared drawing presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Turntable mechanical presses Calibrating presses Fine blanking presses Special purpose mechanical presses – other Hydraulic presses Double-action presses Double- and four-column hydraulic presses Wide frame drawing presses
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11.1.12.7 11.1.12.8 11.1.12.9 11.1.12.10 11.1.12.11 11.1.12.12 11.1.12.13 11.1.12.14 11.1.12.99 11.1.13 11.1.13.1 11.1.13.1 11.1.13.5 11.1.13.5 11.1.13.6 11.1.13.7 11.1.13.8 11.1.13.99 11.1.14 11.1.14.1 11.1.14.2 11.1.14.3 11.1.14.3 11.1.14.5 11.1.14.6 11.1.14.7 11.1.14.8	Sharpening machines for saw blades Gear cutting tool sharpening machines Tap grinding machines Tool sharpening and lapping machines Threading die and chaser grinding machines Milling head sharpening machines Shear blade and machine knife sharpening machines Swing-frame grinding machines Tool grinding and sharpening machines – other Abrasives Bonded abrasives Coated abrasives Grinding and polishing pastes Abrasive products with diamond Grinding and polishing wheels, discs and belts Flexible grinders Synthetic diamond powder Superfinishing materials Blast media Grinding tools and accessories – other Honing, lapping, polishing and deburring machines Honing machines Cylinder honing machines Surface lapping and cylindrical lapping machines Lapping machines – other Polishing machines, abrasive belt Polishing machines, abrasive disc Centreless polishing machines Double ended grinding and polishing machines	11.2.1 11.2.1.1 11.2.1.2 11.2.1.3 11.2.1.4 11.2.1.5 11.2.1.6 11.2.1.7 11.2.1.8 11.2.1.10 11.2.1.11 11.2.1.12 11.2.1.13 11.2.1.14 11.2.1.15 11.2.1.16 11.2.1.17 11.2.1.18 11.2.1.19 11.2.1.19 11.2.1.19 11.2.1.20 11.2.1.99 11.2.2.1 11.2.2.1 11.2.2.1 11.2.2.1 11.2.2.1 11.2.2.2 11.2.2.3 11.2.2.4 11.2.2.5 11.2.2.6 11.2.2.7	Mechanical presses Open gap non-inclinable eccentric presses Inclinable eccentric presses Straight sided presses Two-point crank presses Toggle lever presses Crank presses Transfer presses Mechanical table presses High-duty mechanical presses with automatic feed Friction screw presses Hechanical column presses Embossing/stamping presses Geared drawing presses Hand lever presses Wide frame crank drawing presses Four-point drawing presses Calibrating presses Turntable mechanical presses Calibrating presses Fine blanking presses Special purpose mechanical presses – other Hydraulic presses Double-action presses Wide frame drawing presses Hydraulic transfer presses Hydraulic table presses Straight double sided presses Open gap presses



MSV 2025			
11.2.2.11	Die spotting presses	11.2.8.9	Swing-arm bending machines
11.2.2.12	Fine blanking presses	11.2.8.10	Mechanical press brakes
11.2.2.13	Special purpose hydraulic presses	11.2.8.11	Hydraulic press brakes
11.2.2.14	Deep-drawing presses	11.2.8.12	Sheet bending rolls
11.2.2.15	Pneumatic and hydropneumatic presses	11.2.8.13	Knurling, flanging, ribbing and curling machines
11.2.2.15	Theamatic and hydropheamatic presses	11.2.8.14	Seaming machines
11.2.3	Presses for special applications	11.2.8.15	Marking machines
11.2.3.1	Trimming presses	11.2.8.16	Can making machines
	Coining presses		Riveting machines
11.2.3.2	Powder compacting presses	11.2.8.17	
11.2.3.3		11.2.8.18	Winding devices
11.2.3.4	Calibrating presses for special applications	11.2.8.19	Pressure compression and joining machines and tools
11.2.3.5	Scrap baling and briquetting presses	11.2.8.99	Sheet and strip working machines – other
11.2.3.6	Flanging presses		
11.2.3.7	Stamping presses	11.2.9	Shears, press dies, blanking machines
11.2.3.8	Bending and straightening presses	11.2.9.1	Metal forming centres for punching and pressing
		11.2.9.2	Mechanically driven table shears
11.2.4	Forging machines and hammers	11.2.9.3	Hydraulically driven table shears
11.2.4.1	Hammers	11.2.9.4	Circular shears
11.2.4.2	Forging machines and presses	11.2.9.5	Gang slitting and circular tool shears
11.2.4.3	Automatic transfer forging machines	11.2.9.6	Combined curve-cutting and nibbling machines
11.2.4.99	Forging machines – other	11.2.9.7	Universal shearing and punching (and/or notching)
			machines
11.2.5	Bar, section and tube working machines	11.2.9.8	Concrete reinforcing bar cutters
11.2.5.1	Straightening machines	11.2.9.9	Notching machines
			5
11.2.5.2	Bar and section bending machines	11.2.9.10	Nibbling machines
11.2.5.3	Bending machines for reinforcing bars	11.2.9.11	Punching presses
11.2.5.4	Roller finishing and deep rolling machines	11.2.9.99	Shearing, nibbling, notching and punching machines – other
11.2.5.5	Section roll bending machines		
11.2.5.6	Ring rolling machines	11.2.10	Micro-forming machines
11.2.5.7	Tube forming, welding and cutting-off machines		
11.2.5.8	Tube bending machines	11.2.99	Forming machines – other
11.2.5.9	Tube reducing and flaring machines		
11.2.5.10	Tube finishing machines	Machines fo	r unconventional and special machining and forming
11.2.5.11	Automatic transfer bar, profile and tube forming lines	technologies	
11.2.5.99	Bar, section and tube working machines – other	11.3.1	Rapid prototyping devices
	·	11.3.2	Ultrasonic machine tools
11.2.6	Wire forming machines	11.3.3	Water jet cutting machines
11.2.6.1	Wire drawing machines	11.3.4	Electron beam working machines
11.2.6.2	Wire straightening and cutting-off machines	11.3.5	Plasma beam working machines
			Machines for unconventional machining – other
11.2.6.3	Wire bending machines	11.3.6	
11.2.6.4	Spring coiling machines and devices	11.3.7	Laminating (sandwiching) machines and equipment
11.2.6.5	Chain making machines		for composites
11.2.6.6	Wire netting and weaving machines	11.3.8	Die casting machines
11.2.6.7	Threading, screwing and bolt rolling machines	11.3.9	Longitudinal and circular dividing machines
11.2.6.8	Rope and cable making machines	11.3.10	Finishing (make-up) machines
11.2.6.9	Nail making machines	11.3.11	Embrossing, stamping and marking equipment
11.2.6.99	Wire forming machines – other	11.3.12	Laser lettering machines
		11.3.13	Coating machines
11.2.7	Bolt, screw, nut and rivet making machines	11.3.99	Machines for unconventional and special machining
11.2.7.1	Hot and cold pressing machines for bolts and screws		and forming technologies – other
11.2.7.2	Bolt shears		- ·
11.2.7.3	Bolt and screw chamfering machines		
11.2.7.4	Nut presses		
11.2.7.5	Nut tapping machines		
11.2.7.6	Screw and bolt threading machines		
	Thread, screw and bolt rolling machines		
11.2.7.7			
11.2.7.8	Screw head turning and slotting machines		
11.2.7.9	Bolt, nut and rivet deburring (trimming) machines		
11.2.7.10	Wood screw making machines		
11.2.7.11	Multistation-Partformer		
11.2.7.99	Bolt, screw, nut and rivet making machines – others		
11.2.8	Sheet working machines, laser based equipment		
11.2.8.1	Sheet metal machining centers, incl. laser based machines or		
	plasma units		
11.2.8.2	Nibbling machines		
11.2.8.3	Strip levelling and cutting-off machines		
11.2.8.4	Cutting-to-length and slitting lines		
11.2.8.5			
11.2.8.6			
11.C.O.U	Sheet-straightening machines		
	Sheet forming machines		
11.2.8.7	Sheet forming machines Sheet metal forming machines		
	Sheet forming machines		

METAL-WORKING AND FORMING MACHINES, TOOLS



QUALITY CONTROL IN METAL-WORKING AND FORMING SECTOR

QUALITY CON	IROL IN METAL-WORKING AND FORMING SECTOR
11.4.1	Measuring and checking instruments for machining
	and forming
11.4.1.1 11.4.1.2	Length measuring instruments Angle and inclination measuring instruments
11.4.1.3	Vibration measuring instruments
11.4.1.4	Speed measuring instruments
11.4.1.5	Surface quality measuring instruments
11.4.1.6	Layer thickness measuring instruments
11.4.1.7	Noise level measuring instruments
11.4.1.8	Temperature measuring instruments for machining and forming
11.4.1.9	Force and torque measuring instruments
11.4.1.10 11.4.1.11	Clamping force measuring instruments Pressure measuring instruments for machining and forming
11.4.1.11	Profile and shape measuring instruments
11.4.1.13	Thread measuring instruments
11.4.1.14	Circularity measuring instruments
11.4.1.15	Gauges and meters for machining and forming
11.4.1.16	Measuring and testing devices, machining and forming standards
11.4.1.17	Mechanical precision measuring instruments for machining and forming
11.4.1.18	Optical precision measuring instruments
11 / 1 10	for machining and forming
11.4.1.19	Electric precision measuring instruments for machining and forming
11.4.1.20	Electronic precision measuring instruments
	for machining and forming
11.4.1.21	Pneumatic precision measuring instruments
11 / 1 22	for machining and forming
11.4.1.22 11.4.1.23	Laser measuring instruments for machining and forming Measured value transducers for machining and forming
11.4.1.24	Measured value amplifiers for machining and forming
11.4.1.25	Measuring tables for machining and forming
11.4.1.26	Digital read out systems
11.4.1.27	Breakage and wear detection systems
11.4.1.28 11.4.1.29	Measuring microscopes for machining and forming Surface plates and flatness testing equipment
11.4.1.29	Surface places and flachess testing equipment
11.4.2	Measuring machines
11.4.2.1	Measuring and marking machines
11.4.2.2	Computerized measuring machines for machining
44 (2 2	and forming sector
11.4.2.3 11.4.2.4	Tool setting devices Hob testing instruments
11.4.2.5	Gear testing equipment
11.4.2.6	Sorting machines and equipment
11.4.2.7	Measuring robots
11.4.2.8	Measuring machines for lot production in machining
11 (0 0	and forming sector
11.4.2.9 11.4.2.10	Measuring projectors Coordinate and multicoordinate measuring machines
11.4.2.11	Systems for 3D scanning
11.4.2.12	Measuring machine accessories
11.4.3	Testing machines for machining and forming sector
11.4.3.1	Testing machines for tension, compression, bending and other features
11.4.3.2	Tension testing machines
11.4.3.3 11.4.3.4	Pendulum impact testing machines Drop hammers for material testing
11.4.3.4	Hardness testing machines and devices
11.4.3.6	Spring testing machines
11.4.3.7	Material fatigue testing machines
	(tension, compression, bending)
11.4.3.8	Torsion testing machines
11.4.3.9	Deep-drawing testers Machines and devices for non-destructive material testing
11.4.3.10 11.4.3.11	Machines and devices for non-destructive material testing Gear testing machines
11.4.3.11	Balancing machines for machining and forming
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11.4.3.13 11.4.3.14 11.4.3.15 11.4.3.16 11.4.3.17 11.4.3.18 11.4.3.99	Electronic balancing equipment for machining and forming Ultrasonic testing machines for machining and forming Power test benches for machining and forming Surface testing machines for machining and forming Stereomicroscopes Eddy current testers Testing machines for machining and forming sector – other
11.4.4	Image data processing in machining and forming sector
11.4.4.1	Image grocessing systems in machining and forming sector
11.4.4.2	Video systems and endoscopes
11.4.4.3	Sensor systems for image and signal pattern recognition
	for machining and forming sector
11.4.4.4	Visual geometry measuring devices
11.4.4.5	Measuring microscopes with digital image processing
11.4.5	Quality assurance software in machining
	and forming sector
11.4.5.1	Software for acquisition of measured electrical data
	in machining and forming sector
11.4.5.2	Software for acquisition of measured non-electrical
	data in machining and forming sector
11.4.5.3	Software for processing and evaluation of measured
	data in machining and forming sector
11.4.5.4	Diagnostic systems for machining and forming sector
11.4.5.5	Quality assurance software in machining and forming sector
11.4.5.6	Software for failure mode and effects analysis (FMEA)
44 / 5 7	applications
11.4.5.7	Software for technological data acquisition in machining and forming sector
11.4.5.8	Software for operating data acquisition
11.4.5.0	in machining and forming sector
11.4.5.9	Quality information and control systems
11.4.3.9	in machining and forming sector
11.4.5.10	Software for testing equipment supervision
11.7.3.10	and management in machining and forming sector
11.4.5.11	Software for test scheduling and test data evaluation
	in machining and forming sector
	<u> </u>
11.4.99	Quality control for machining and forming sector – other



FLEXIBLE MA	NUFACTURING SYSTEMS (FMS)	11.5.4	Electrical and electronic equipment for machine tools and metal forming machines
11.5.1	Computer systems and peripherals for flexible	11.5.4.1	Electric motors for machine tools and forming machines
	manufacturing systems	11.5.4.2	Generators
11.5.1.1	FMS data processing systems	11.5.4.3	Converters
11.5.1.2	Turnkey computer systems for flexible manufacturing	11.5.4.4	Rectifiers for electrical and electronic equipment of machine
11.5.1.2	systems	11.5.7.7	tools and metal forming machines
11.5.1.3	CAD workstations	11.5.4.5	Electric, electronic and magnetic switching and control gear
11.5.1.4	Servers for flexible manufacturing systems	11.5.4.6	Electric and electronic measuring and counting devices
11.5.1.5	Data network elements for flexible manufacturing systems	11.5.4.7	Electric and electronic detecting, measuring, testing
11.5.1.6	Communication adapters		and protecting devices
11.5.1.7	Operator workplaces for flexible manufacturing systems	11.5.4.8	Electric and electronic C1797 components and assemblies
11.5.1.8	Input devices for flexible manufacturing systems		in flexible manufacturing systems
11.5.1.9	Interactive terminals for flexible manufacturing systems	11.5.4.9	Piezoelectric motors, controllers, systems in flexible
11.5.1.10	Digitizers, tablets for flexible manufacturing systems		manufacturing systems
11.5.1.11	Scanners for flexible manufacturing systems	11.5.4.10	Optoelectronic parts for laser machine tools
11.5.1.12	Plotters for flexible manufacturing systems	11.5.4.11	Power electronics, closed-loop electronic systems
11.5.1.13	Printers for flexible manufacturing systems		in flexible manufacturing systems
11.5.1.14	NC-programming systems	11.5.4.12	Flexible energy supplies
11.5.1.99	Computer systems and peripheral units for flexible manufacturing	11.5.4.13	Flexible control and power-supply cables for flexible
	systems – other		manufacturing systems
		11.5.4.14	Electric control panels and cubicles in flexible
11.5.2	Software for flexible manufacturing systems		manufacturing systems
111312	Software for reconstending address and add	11.5.4.15	Electrical equipment for induction heating plants
11.5.2.1	CAD/CAM systems for machine tools and metal forming	11.5.4.99	Electric and electronic equipment for machine tools and metal
11.5.2.1	machines	11.3.4.33	forming machines – other
11 5 2 1 1	CAD/CAM systems for machine tools		Torming machines – other
11.5.2.1.1		44 5 5	A
11.5.2.1.2	CAD/CAM systems for metal forming machines	11.5.5	Assembling and industrial robots in flexible
			manufacturing systems
11.5.2.2	Software for TPV and PDM (Product Data Management)	11.5.5.1	Flexible assembling systems
11.5.2.3	Software for CNC control	11.5.5.2	Individual assembling workplaces
11.5.2.4	Software for PLC control	11.5.5.3	Assembling equipment and automatic machines
11.5.2.5	Software for calculation of stress analysis, dynamic design	11.5.5.4	Assembling lines in flexible manufacturing systems
	and heat balance by the finite-element method	11.5.5.5	Modular units for assembling systems
11.5.2.6	Software for electrical design	11.5.5.6	Handling equipment for warehousing, input and delivery of work-
11.5.2.7	Software for production planning and management		pieces, semi-products in flexible manufacturing systems
	in flexible manufacturing systems	11.5.5.7	Handling equipment for aligning and positioning
11.5.2.8	Software for flexible assembling systems		of workpieces
11.5.2.9	Software for operating data processing in flexible	11.5.5.8	Feeding equipment for machine tools
	manufacturing systems	11.5.5.9	Gripping tools and automatic fixtures
11.5.2.10	Software for capacity and production date scheduling in flexible	11.5.5.10	Exchangeable devices for robot grippers
	manufacturing systems	11.5.5.11	Manipulators in flexible manufacturing systems
11.5.2.11	Software for stock management	11.5.5.12	Industrial robots in flexible manufacturing systems
11.5.2.12	Software for warehousing and material management	11.5.5.13	Working tools for industrial robots
11.5.2.12	Software for material database	11.5.5.99	Manipulators, feeding and sorting equipment – other
11.5.2.14	Software for industrial robots in flexible manufacturing	11.3.3.99	Hamputators, reeding and sorting equipment – other
11.5.2.14		11 5 6	Automation of warehousing and transportation
44 5 0 45	systems	11.5.6	Automation of warehousing and transportation
11.5.2.15	Software for simulation calculations in flexible	44.5.6.4	for machining and forming
44.5.6.45	manufacturing systems	11.5.6.1	Conveying systems for machining and forming
11.5.2.16	Software for warehousing and conveyor systems in flexible	11.5.6.2	Conveyers for workpieces for machining and forming
	manufacturing systems	11.5.6.3	Driverless ground conveyors for machining and forming
		11.5.6.4	Driverless warehouse conveyors for machining and forming
11.5.2.99	Software for flexible manufacturing systems – other	11.5.6.5	Components to interlink separate production stages
		11.5.6.6	Magazines for workpieces, pressed pieces and semi-products
11.5.3	Control and drive systems	11.5.6.7	Warehousing systems for machining and forming
11.5.3.1	CNC control systems	11.5.6.8	Palletizing systems of workpieces and tools
11.5.3.2	Programmable logic controllers (PLC)	11.5.6.9	Warehousing systems of workpieces and tools
11.5.3.3	Programming systems for CNC training	11.5.6.10	Palletizing systems for machining and forming
11.5.3.4	Axis position measuring systems	11.5.6.11	Warehousing equipment for manufacturing plants
11.5.3.5	Robot controllers in flexible manufacturing systems		for machining and forming
11.5.3.6	Feed drives in flexible manufacturing systems	11.5.6.12	Metal chip crushers in flexible manufacturing systems
	J., G	11.5.6.13	Chip conveyers for flexible manufacturing systems
11.5.3.7	Main drives in flexible manufacturing systems	11.5.6.14	Chip deoiling equipment
11.5.3.7.1	Servo drives for machine tools and metal forming+C2034		accional adarbments
11.3.3.7.1	machines	11.5.99	Flexible manufacturing systems – other
		11.3.33	i canale manufacturing systems – vuici
11.5.3.8	Actuators		
11.5.3.9	Heavy-duty electronics for machine tool and metal working		
	machine control and drives		
11 5 2 00	Control and drives other		
11.5.3.99	Control and drives – other		



PRECISION TO	noi s	11.6.3	Chucking tools
I KECISION IV	5015	11.6.3.1	Standard fixture parts and clamping elements
11.6.1	Machining tools	11.6.3.2	Control elements for jigs and machines
11.6.1.1	Reamers	11.6.3.3	Collet chucks
11.6.1.2	Boring bars	11.6.3.4	Machine vices
11.6.1.3	Tool bits	11.6.3.5	Drill chucks
11.6.1.4	Broaching tools	11.6.3.6	Manual chucks for grinding machines
	Gear tools	11.6.3.7	Power chucks for grinding machines
11.6.1.5			
11.6.1.6	Threading dies	11.6.3.8	Lathe chucks, hand operated
11.6.1.7	Threading tools, cutting	11.6.3.9	Lathe chucks, power operated
11.6.1.8	Milling cutters and gear shaping cutters, disc-type	11.6.3.10	Centers, carriers for lathes
11.6.1.9	Countersinks and core drills	11.6.3.11	Expanding mandrels
11.6.1.10	Circular saw blades, incl. metal carbide discs and tips Metal hacksaw blades	11.6.3.12	Magnetic chucks
11.6.1.11		11.6.3.13	Milling arbors
11.6.1.12	Metal band saw blades	11.6.3.14	Sleeves
11.6.1.13	Inserted tooth saw blades	11.6.3.15	Dividing fixing heads
11.6.1.14	Cylindrical saws, slitting saws	11.6.3.16	Magnetic fixing plates
11.6.1.15	Cutting ceramics inserts	11.6.3.17	Vacuum fixing plates
11.6.1.16	Carbide tipped tools and cutting tips	11.6.3.18	Fixture plates
11.6.1.17	Twist drills and center drills	11.6.3.19	Rotary holders
11.6.1.18	Spade drills	11.6.3.20	Tool holders
11.6.1.19	Step drills	11.6.3.21	Rotary tables, also NC-controlled
11.6.1.20	Gun drills	11.6.3.22	Cross slide tables, also NC-controlled
11.6.1.21	Boring tools	11.6.3.23	Chucking tools with code
11.6.1.22	Fine boring tools	11.6.3.24	Chucking systems, incl. modular
11.6.1.23	Turning tools and tool holders	11.6.3.99	Clamping tools – other
11.6.1.24	Diamond tools, diamond paste, industrial diamonds		
11.6.1.25	Dressing tools	11.6.4	Tool systems
11.6.1.26	Shaving cutters, deburring tools	11.6.4.1	Tool systems, modular
11.6.1.27	Planing and shaping tools	11.6.4.2	Tool turrets
11.6.1.28	Honing, lapping and polishing tools	11.6.4.3	Tool changers and magazines
11.6.1.29	Cutting tools, coated	11.6.4.4	Tool management software
11.6.1.30	Cutting tools with integrated code	11.6.4.5	Multi-spindle heads
11.6.1.31	Power tools	11.6.4.6	Boring and facing heads
11.6.1.32	Graphite materials for EDM – Electro discharge machining	11.6.4.7	Turret heads
11.6.1.33	Electrodes, cutting wires, consumables for electro discharge	11.6.4.8	Slotting heads
	machine tools	11.6.4.9	Inserted blade milling cutters
11.6.1.34	Special tools for machining	11.6.4.10	Toolholder with coupleable drive
11.6.1.35	Tool care products for machining	11.6.4.11	Copying devices
11.6.1.99	Tools for machining – other	11.6.4.12	Relieving devices
		11.6.4.13	Grinding wheel trueing, dressing and forming devices
11.6.2	Forming tools	11.6.4.14	Threading devices
11.6.2.1	Cutting tools	11.6.4.15	Milling devices
11.6.2.2	Shear knives, machine knives	11.6.4.16	Boring devices
11.6.2.3	Blanking and punching dies	11.6.4.17	Grinding devices
11.6.2.4	Forming dies	11.6.4.18	Tool identification systems
11.6.2.5	Stamping dies, embossing dies	11.6.4.19	Tool breakage identification devices
11.6.2.6	Markers	11.6.4.20	Tool measuring and setting units
11.6.2.7	Punches	11.6.4.21	Tool maintenance systems
11.6.2.8	Knurling tools	11.6.4.22	Spherical turning attachments
11.6.2.9	Thread rolling dies	11.6.4.99	Tool systems – other
11.6.2.10	Thread cutting tools (forming)	11.6.99	Precision tools – other
11.6.2.10.1	Heads for thread cold rolling		
11.6.2.11	Roller burnishing tools, smoothing and straining tools		
11.6.2.12	Drawing dies		
11.6.2.13	Die blocks		
11.6.2.14	Deep drawing dies		
11.6.2.15	Forming tools coated		
11.6.2.16	Quick-action fixtures for press tools		
11.6.2.17	Press tool changing systems		
11.6.2.18	Special tools for forming		
11.6.2.19	Die-casting dies		
11.6.2.20	Guide racks		
11.6.2.21	Standardized parts for forming tools and moulds		
	(punching, stamping tools, posts, sleeves)		
11.6.2.22	Wedge units		
11.6.2.99	Forming tools – other		



ACCESSORIE	S FOR METAL-WORKING AND FORMING	11.7.3.22	Pneumatic drives, control engineering, components
44 7 4		44 7 2 22	for machine tools and metal forming machines
11.7.1	Lubrication and cooling of metal-working and forming machines	11.7.3.23	Compressors for machine tools and metal forming machines Compressed air conditioning unit
11 7 1 1		11.7.3.24 11.7.3.25	Small electric hoists, conveyance rollers
11.7.1.1	Lubricating oils and consumables for metal-working and forming machines	11.7.3.25	Pneumatic and oil pneumatic jacks
11.7.1.2	Coolants and lubricants	11.7.3.20	Winding and unwinding devices
11.7.1.2	Central lubricating systems	11.7.3.27	Bar magazines and feeders
11.7.1.3	5 5		Sheet metal containers and loaders
11.7.1.4	Oiling and greasing systems Cooling systems	11.7.3.29 11.7.3.30	Grinding spindles
11.7.1.6	Separators for coolants and lubricants, filters, centrifuges	11.7.3.31	High frequency spindles for machine-tools
11.7.1.7	Metal cleaning and deoiling devices	11.7.3.31	Main spindles for turning, milling, drilling
11.7.1.8	Spraying attachment for forging machines	11.7.3.32	and boring machines
11.7.1.9	Cask cleaning equipment	11.7.3.33	Guide way wipers for machine tools
11.7.1.10	Coolant hoses	11.7.3.34	Columns, beds and parts of machines
11.7.1.10	coolant noses	11.7.5.54	by polymerized concrete
11.7.2	Waste disposal in machining and forming sector	11.7.3.35	Machine lighting
11.7.2.1	Air purity protection systems and components	11.7.3.36	Personal protective equipment
11.7.2.2	Exhaust systems in machining and forming sector	11.7.3.37	Protective devices
11.7.2.3	Dust collection equipment, filtering systems, filters	11.7.3.38	Guards for machine-tools, slideways and lead screws
11.7.2.4	Wastewater treatment equipment and components	11.7.3.39	Safety and protective equipment for machine tools
	in machining and forming sector	1117 13133	and metal forming machines
11.7.2.5	Water treatment equipment and components in machining	11.7.3.40	Antiskid mats for machines
11171213	and forming sector	11.7.3.41	Tool cabinets for machine tools
11.7.2.6	Emulsion recovery equipment	11.7.3.42	Equipment of workshops for metal-working and forming sector
11.7.2.7	Processing of coolants and lubricants		-4F
11.7.2.8	Oil separation, oil mist separation	11.7.99	Accessories for metal working and forming – other
11.7.2.9	Waste oil collecting tanks		3
11.7.2.10	Filtration, ultrafiltration		
11.7.2.11	Chip breakers		
11.7.2.12	Chip conveyors		
11.7.2.13	Chip briquetting presses		
11.7.2.14	Oil recovery equipment (chip separators)		
11.7.2.15	Tipping containers for chip removal		
11.7.2.16	Industrial dust collectors for cleaning of machines		
11.7.2.17	Process water treatment for superfinishing systems		
11.7.3	Mechanical components and accessories for construction of		
	machine-tools and forming machines		
11.7.3.1	Fittings for machine tools and metal forming machines		
11.7.3.2	Seals / gaskets for machine tools and metal forming		
44 7 2 2	machines		
11.7.3.3	Flexible washers, levelling components		
11.7.3.4	Springs for machine tools and metal forming machines		
11.7.3.5	Drive components for machine tools and metal forming		
11726	machines		
11.7.3.6 11.7.3.7	Gear units for machine tools and metal forming machines Infinitely variable speed gears for machine tools		
11.7.3.7	and metal forming machines		
11.7.3.8	Reducing gears for machine tools and metal forming		
11.7.3.0	machines		
11.7.3.9	Couplings for machine tools and metal forming machines		
11.7.3.10	Friction couplings for machine tools and metal forming		
11.7.5.10	machines		
11.7.3.11	Brakes for machine tools and metal forming machines		
11.7.3.11	Plain and antifriction bearings for machine tools		
11.7.5.12	and metal forming machines		
11.7.3.13	Linear lines for machine tools and metal forming machines		
11.7.3.14	Ball and roller slides, pneumatic slides		
11.7.3.15	Ball screws and nuts		
11.7.3.16	Machine elements for machine tools and metal forming		
	machines		
11.7.3.17	Hydraulic power units, pumps, motors, cylinders, drives,		
	assemblies		
11.7.3.18	Hydraulic control engineering for machine tools		
	and metal forming machines		
11.7.3.19	High pressure lines and hoses, flexible tubing		
11.7.3.20	Fittings, connections for machine tools and metal forming		
	machines		
11.7.3.21	High-pressure pumps and their accessories		
	for water-jet cutting machines		



SERVICE AND REPAIRS OF MACHINE-TOOLS AND FORMING MACHINES, REWORKED MACHINES		INSTITUTIONS, LITERATURE AND SERVICES IN METAL-WORKING AND FORMING SECTOR	
11.8.1 11.8.2	Spare parts for machine tools Spare parts for forming machines	11.11.1	Associations, organizations in metal-working and forming sector
		11.11.2	Technical publishing houses, literature, specialized
11.8.3	General overhauls of machine tools and forming machines		periodicals
11.8.3.1	General overhauls of machine tools	11.11.3	Consultancy in the field of machine tools
11.8.3.2	General overhauls of metal forming machines		and metal-forming machines
11.8.4	Redesign and upgrading of machine tools and metal forming machines	11.11.4	Engineering and design services in the field of machine tools and metal-forming machines
11.8.4.1	Upgrading of el. equipment of machine tools and metal forming machines	11.11.4.1	Engineering and design services in the field of machine tools
11.8.4.2	Upgrading of peripheral units for NC and CNC machines	11.11.4.2	Engineering and design services in the field
11.8.4.3	Redesign and upgrading of machine tools		of metal-forming machines
11.8.4.4	Redesign and upgrading of metal forming machines		
		11.11.5	Technologies for metal working and forming
11.8.5	Reworked machine tools		
11.8.6	Reworked metal forming machines	11.11.6	Custom manufacture of single-purpose machine tools and metal forming machines
11.8.99	Service and repairs of metal working and forming machines,	11.11.6.1	Custom manufacture of single-purpose machine tools
	reworked machines – other	11.11.6.2	Custom manufacture of single-purpose metal forming machines
Hand-operate		11.11.7	Execution of investments in the field of metal working
11.9.1	Pneumatic hand-operated tools		and forming
11.9.1.1	Hand-operated pneumatic drills	11.11.8	Business services in the field of machine tools
11.9.1.2 11.9.1.3	Hand-operated pneumatic thread-cutting machines		and metal forming machines
11.9.1.4	Hand-operated pneumatic nut runners and screwdrivers Hand-operated pneumatic grinding machines, angle grinders and polishing machines	11.11.9 11.11.10	Leasing of metal working and forming machines Custom coating of metal cutting and forming tools
11.9.1.5	Hand-operated pneumatic shears	44 44 44	C
11.9.1.6	Manual pneumatic rivet guns	11.11.11	Custom tool renovation and reconditioning
11.9.1.99	Hand-operated pneumatic tools and accessories – other	11.11.11.1	Compression mould refurbishment
44.0.0	Floridation of a company to the district and a conflict and a conf	11.11.12	Reverse engineering services
11.9.2	Electric hand-operated tools, incl. cordless programme Hand-operated electric drills and hammers	11.11.13	Custom rapid prototyping
11.9.2.1 11.9.2.2	Hand-operated electric grinders, angle grinders and polishing machines	11.11.14	Offer of production capacities in the metal-working
11.9.2.3	Hand-operated electric saws, shears and milling machines		and forming sector
11.9.2.4	Hand-operated electric nut runners, screwdrivers and threading	11.11.14.1	Custom material cutting
11.5.2.1	machines	11.11.14.2	Custom sheet-metal processing
11.9.2.5	Hand-operated electric staplers	11.11.14.3	Custom metal-working manufacturing
11.9.2.6	Manual electric rivet guns		
11.9.2.7	Microtools	11.11.14.4	Offer of production capacities in the metal
11.9.2.99	Hand-operated electric tools and sets – other	44 44 47 74	working sector
		11.11.14.4.1	Custom CNC machining
11.9.3	Hand-operated hydraulic tools	11.11.14.4.2	Custom high-speed (HSC) machining
11.9.4	Hand-operated tools driven by internal combustion engine	11.11.14.4.3	Custom machining of hard-to-work materials
11.9.5	Mobile and suspension hand-operated tools	11.11.14.4.4	Custom laser marking, lettering, engraving
11.9.99	Hand-operated tools and parts – others	11.11.14.4.5	Custom piece polishing
		11.11.14.5	Offer of production capacities in the metal forming sector
	mechanized tools		
11.10.1	Hand hammers	11.11.99	Services in the sector of metal working and forming – other
11.10.2	Pliers, alligator wrenches		
11.10.3	Manual deburring tools, files	11.99	Metal working and forming machines, manual tools,
11.10.4	Chisels, axes Screwdrivers		others
11.10.5			
11.10.6	Wrenches, torque wrenches Hand cutting tools		
11.10.7 11.10.8	Vices		
11.10.8	Clamps (cramps)		
11.10.3	Pullers/removers		
11.10.11	Hand-operated jacks		
11.10.12	Cases and bags for tools		
11.10.99	Manual non-mechanized tools – other		



FOUNDRY INDUSTRY

CHARGE RAW MATERIALS FOR FOUNDRIES		12.9.1.5	Machines and equipment for self-hardening technology processes
12.1.1	Pig irons	12.9.1.6 12.9.1.7	Equipment for manufacturing shell moulds Equipment for vacuum hardening of moulds (V-process)
12.1.2	Nonferrous metals, their alloys and master alloys	12.9.1.7	Equipment mould manufacturing without binder with wax patterns
12.1.2	Waste metal (scrap)		
12.1.4	Deoxidizing additives	12.9.1.99	Equipment of moulding shops and their accessories – other
12.1.5	Alloying additives	12.9.2	Equipment of core shops
12.1.5.1	Feroalloys	12.9.2.1	Shooting machines
	•	12.9.2.2	Equipment for core shooting from self-setting mixtures
12.1.6	Lag-forming additives	12.9.2.3	Equipment for thermohardening of cores
12.1.7	Foundry coke	12.9.2.4	Equipment for manufacturing Cold Box cores
12.1.99	Charge raw materials for foundries – other	12.9.2.5	Automated lines and their accessories for core manufacturing
	•	12.9.2.99	Equipment of core shops and their accessories – other
12.2	EQUIPMENT OF MELTING PLANTS		
12.2.1	Equipment of cast iron melting plants	12.9.3	Driers, drying chambers
12.2.2	Equipment of steel melting plants	12.9.4	Aids, auxiliary tools for moulding shops
12.2.3	Equipment of nonferrous metals metal plants		and core shops
	·	12.9.5	Auxiliary materials and accessories for risers
REFRACTORY	MATERIALS		TITLE AND HALDEN STUDIES
12.3.1	Non-shaped refractory materials	FOUNDRY ME	ELTING AND HOLDING FURNACES
12.3.2	Shaped refractory materials, shaped pieces		
12.3.3	Ceramic filters, sieves for the foundry industry	12.10.1	Foundry fuel-heated furnaces
12.3.4	Melting and holding crucibles of furnaces and ladles		
12.3.5	Chemical raw materials and additives for manufacturing	12.10.2	Foundry electric furnaces
	refractory products	12.10.2.1	Foundry induction crucible and channel-type furnaces
12.3.99	Refractory materials – other		(low and mid frequency)
		12.10.2.2	Foundry arc furnaces
12.4	TECHNICAL GASES FOR FOUNDRY INDUSTRY	12.10.2.3	Foundry resistance furnaces
PATTERN MA	KING EQUIPMENT	12.10.3	Foundry vacuum furnaces
		12.10.4	Foundry plasma furnaces
12.5.1	Pattern making equipment (patterns, core boxes, sweep	12.10.5	Foundry electron-beam furnaces
	patterns)	40406	
12.5.1.1	Pattern making equipment from wood	12.10.6	Accessories of foundry furnaces
12.5.1.2	Pattern making equipment from plastics, resin	12.10.6.1	Fuel burners
12.5.1.3	Pattern making equipment from metal	12.10.6.2	Coils for induction furnaces
12.5.1.4	Pattern making equipment from wax	40 40 00	F
12.5.1.99	Pattern making equipment (patterns, core boxes, sweep patterns)	12.10.99	Foundry melting and holding furnaces – other
	– other	CASTING MAG	CHINES AND EQUIPMENT, ACCESSORIES
12.5.2	Machines and aids for manufacturing pattern making		
12.3.2	equipment	12.11.1	Casting machines and equipment
12.5.3	Manufacturing patterns with the help	12.11.1.1	Pouring ladles
12.5.5	of Rapid Prototyping System	12.11.1.2	Machines and equipment for tipping and gravity casting
12.5.4	Materials for manufacturing pattern making equipment	12.11.1.3	Machines and equipment for low-pressure casting
12.3.4	Plater late for manaractaring pattern making equipment	12.11.1.4	Metal die casting machines
MATERIAI S E	OR MOULDING AND CORE MIXTURES	12.11.1.5	Pressure die casting machines
PINI LIVENES I	ON PROCEDURE AND CORE PLATORES	12.11.1.6	Centrifugal metal casting machiness and accessories
12.6.1	Grog	12.11.1.7	Automated casting equipment
12.0.1	diog	12.11.1.99	Casting machines and equipment – other
12.6.2	Binders		3
12.6.2.1	Inorganic binders	12.11.2	Permanent moulds
12.6.2.2	Organic binders	12.11.2.1	Permanent moulds made of metal
12.0.2.2	organic billacis	12.11.2.2	Permanent moulds made of ceramic materials
12.6.3	Additives into sand and core mixtures	12.11.2.99	Permanent moulds made of other materials
12.6.4	Sand and core mixtures	12.11.2.55	remailer modes made of other materials
12.011	Julia alia core ilinaares	12.11.3	Auxiliary materials and accessories
12.7	EQUIPMENT FOR TREATMENT OF SAND AND CORE MIXTURES	1211113	for casting machines and equipment
	Egozi i Emilion meziment of orangement contentationes	12.11.3.1	Tools for casting machines and equipment
12.7.1	Equipment for treatment of binding mixtures	12.11.3.2	Chemicals for casting and casting machines
12.7.2	Equipment for treatment of non-binding mixtures	12.11.3.3	Malleablizing equipment for pressure die casting moulds
12.7.12	Equipment for decement of non-binding mixtures	121111010	riaccastienig equipment of pressure are casting meatas
12.7.3	Equipment for sand mixtures reclamation	12.11.99	Casting machines and equipment, accessories – other
12.7.3.1	Magnets, separators and metal detectors		cassing installines and equipment, accessing
	for foundry industry	12.12	EQUIPMENT AND AIDS FOR CASTING KNOCK-OUT FROM
		1£	MOULDS
12.8	Runner and gate technology		MOCEDS
11.0	name: and gate technology	10 10	EQUIDMENT AND ACCECCABLE FOR FINITURE DAW
EOUTPM FNT	OF MOULDING SHOPS AND CORE SHOPS	12.13	EQUIPMENT AND ACCESSORIES FOR FINISHING RAW
-qoar maint		40.40.4	CASTINGS
12.9.1	Equipment of moulding shops	12.13.1	Equipment and accessories for surface cleaning of castings
12.9.1.1	Machines for bentonite mixture moulding in flasks	12.13.2	Gating and feeding system separator equipment
12.9.1.2	Automatic moulding lines with flasks and their accessories		and accessories
12.9.1.3	Automatic flaskless moulding lines and their accessories	12.13.3	Equipment and accessories for finishing of castings
12.9.1.4	Sand-aerators, sand-aerating lines and their accessories		

FOUNDRY INDUSTRY



12.14	EQUIPMENT AND MATERIALS FOR WELDING, CUTTING AND REPAIRS OF CASTINGS	12.24.4	Engineering and design services in area of the foundry industry
12.15	EQUIPMENT AND MATERIALS FOR TREATMENT AND MACHINING OF CASTINGS	12.24.5	Service and repairs of machines and equipment in the foundry industry
12.16 12.17	AIR CONDITIONING FOR FOUNDRIES TRANSPORT AND STORAGE EQUIPMENT FOR THE FOUNDRY	12.24.6	Refurbishment and modernization of machines and equipment in the foundry industry
	INDUSTRY	12.24.7	Overhauled machines and equipment for the foundry industry
12.18	ROBOTS, MANIPULATORS, HANDLING EQUIPMENT AND THEIR ACCESSORIES FOR THE FOUNDRY INDUSTRY	12.24.8	Manufacturing of prototype and single-purpose equipment for the foundry industry
12.19	CONTROL AND REGULATION TECHNOLOGY FOR THE FOUNDRY INDUSTRY	12.24.9 12.24.10	Technology for the foundry industry Execution of investment projects for the foundry industry
12.20	MEASURING AND TESTING TECHNOLOGY FOR THE FOUNDRY INDUSTRY	12.24.11	Professional literature, periodicals in area of the foundry industry
		12.24.12	Institutions and organizations in area of the foundry industry
12.21	COMPUTER EQUIPMENT, CONTROL, CALCULATIONS, SIMULATION	12.24.13	Vocation schools in area of the foundry industry
12.21.1	CAD, CAM, CIM FOR THE FOUNDRY INDUSTRY	12.24.14	Professional courses and education in area of the foundry industry
12.22	ENVIRONMENT PROTECTION AND WASTE DISPOSAL IN THE FOUNDRY INDUSTRY WASTE	12.24.99	Research, services, literature, institutions for foundry industry

CASTINGS

12.23.99

12.23.1	Cast iron castings
12.23.1.1	Grey cast iron castings
12.23.1.2	Nodular cast iron castings
12.23.1.3	Malleable cast iron castings
12.23.1.4	Compacted graphite cast iron castings
12.23.1.5	White cast iron castings
12.23.1.6	Hardened cast iron castings
12.23.1.7	Alloyed cast iron castings
12.23.2	Steel castings
12.23.2.1	Carbon steel castings
12.23.2.2	Alloy steel castings
12.23.3	Nonferrous metal and alloy castings
12.23.3.1	Aluminium alloy castings
12.23.3.2	Magnesium alloy castings
12.23.3.3	Copper alloy castings
12.23.3.4	Zinc alloy castings
12.23.3.4 12.23.3.99	Zinc alloy castings Castings of other nonferrous metals and alloys
	Castings of other nonferrous metals and alloys Castings for selected branches of industry
12.23.3.99 12.23.4	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption
12.23.3.99 12.23.4 12.23.4.1	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry
12.23.3.99 12.23.4 12.23.4.1 12.23.4.2	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines
12.23.3.99 12.23.4 12.23.4.1 12.23.4.2 12.23.4.3	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering
12.23.3.99 12.23.4 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.4	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering Castings for the chemical and petrochemical industries
12.23.3.99 12.23.4 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.4 12.23.4.5	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering Castings for the chemical and petrochemical industries Castings for the food processing industry
12.23.3.99 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.4 12.23.4.5 12.23.4.6	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering Castings for the chemical and petrochemical industries Castings for the food processing industry Castings for building industry
12.23.3.99 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.4 12.23.4.5 12.23.4.6 12.23.4.7	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering Castings for the chemical and petrochemical industries Castings for the food processing industry Castings for building industry Castings for power engineering
12.23.3.99 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.4 12.23.4.5 12.23.4.6 12.23.4.7 12.23.4.8	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering Castings for the chemical and petrochemical industries Castings for the food processing industry Castings for building industry Castings for power engineering Castings for pedictrical engineering, aviation, medical equipment
12.23.3.99 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.4 12.23.4.5 12.23.4.6 12.23.4.7 12.23.4.8 12.23.4.9	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering Castings for the chemical and petrochemical industries Castings for the food processing industry Castings for building industry Castings for power engineering Castings for domestic and equipment Castings for domestic appliances, garden machinery, hobby
12.23.3.99 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.5 12.23.4.6 12.23.4.6 12.23.4.7 12.23.4.8 12.23.4.9 12.23.4.10	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for agricultural machines Castings for the chemical and petrochemical industries Castings for the food processing industry Castings for building industry Castings for power engineering Castings for power engineering Castings for domestic appliances, garden machinery, hobby Art castings, statues, statuettes, decorative objects
12.23.3.99 12.23.4.1 12.23.4.2 12.23.4.3 12.23.4.4 12.23.4.5 12.23.4.6 12.23.4.7 12.23.4.8 12.23.4.9	Castings of other nonferrous metals and alloys Castings for selected branches of industry and end consumption Castings for the automotive industry Castings for agricultural machines Castings for general engineering Castings for the chemical and petrochemical industries Castings for the food processing industry Castings for building industry Castings for power engineering Castings for domestic and equipment Castings for domestic appliances, garden machinery, hobby

RESEARCH, SERVICES, INSTITUTIONS, LITERATURE IN AREA OF THE FOUNDRY INDUSTRY

 ${\bf Castings-other}$

12.24.1	Research in area of the foundry industry
12.24.2	Offer of manufacturing capacities in area of the foundry industry
12.24.2.1	Manufacturing patterns to order
12.24.2.2	Manufacturing cores to order
12.24.2.3	Manufacturing moulds to order
12.24.2.4	Manufacturing castings to order
12.24.3	Consultancy in area of the foundry industry



WELDING

13.1	FLAME WELDING, SURFACING AND OXYGEN CUTTING MACHINERY		MPONENTS, MACHINERY AND EQUIPMENT – OTHER
	AND EQUIPMENT	13.9.1 13.9.2	Exhaust and filtration equipment for welding areas Work protection aids (masks, goggles, working and protective
13.2	ARC-WELDING, SURFACING ANG CUTTING MACHINERY AND EQUIPMENT	13.9.3	garments, etc.) Tools, fixtures and elements of machinery and equipment
13.2.1	Hand-operated welding, surfacing and cutting machinery and equipment		for welding and related technologies (pneumatic, hydraulic elements, etc.)
13.2.2	Machinery and equipment for gas shielded electric arc welding	13.9.4	Machinery and equipment for treating welded structures
13.2.3	and surfacing (MIG, MAG) Inert gas-shielded arc welding and surfacing machinery	13.9.5	(vibration treatment, thermal treatment, etc.) Defectoscopic technology for destructive
	and equipment by using nonconsumable electrode (WIG or TIG)	13.9.6	and non-destructive weld tests Driers of consumables in welding areas
13.2.4	Submerged-arc welding and surfacing machinery and equipment	13.9.99	Other elements, machines and consumables for welding, other
13.2.99	Machinery and equipment for welding,	13.10	METAL BONDING MACHINES
	surfacing and arc cutting, others	13.11	WELDED STRUCTURES, SUB-SUPPLIES
13.3	THERMAL SPRAY MACHINERY AND EQUIPMENT	13.11.1	OF WELDED PARTS Weldments
13.3.99	Thermal spray machinery and equipment, others	13.11.1	Hedinerio
13.4	RESISTANCE-WELDING MACHINERY AND EQUIPMENT		SERVICES AND INSTITUTIONS IN WELDING, CUTTING, SOLDERING
13.4.1	Machinery and equipment for spot welding	AND METAL E	
13.4.2	Seam welding machinery and equipment	13.12.1	Research in welding, cutting, soldering
13.4.3	Machines and equipment for resistance projection welding		and metal bonding
13.4.4	Contact and flash welding machinery and equipment	13.12.2	Offers of manufacturing facilities in the areas of welding, cutting, soldering and metal bonding
13.4.5	Fused-slag welding machinery and equipment	13.12.3	Consulting in welding, cutting, soldering and metal bonding
13.4.99	Resistance welding machinery and equipment, others	13.12.4	Engineering and design services in welding, cutting, soldering
13.5	MACHINERY AND EQUIPMENT FOR PRESSURE WELDING	13.12.5	and metal bonding Welding, cutting, soldering and metal bonding machines
	(FRICTION, DIFFUSION, COLD, ULTRASOUND WELDING)	12.12.6	and equipment service and repair
	AND EQUIPMENT FOR OTHER METHODS	13.12.6	Refurbished machines and equipment for welding, cutting, soldering and metal bonding
13.6.1	, CUTTING AND SOLDERING Equipment for aluminothermic welding	13.12.7	Manufacture of prototype and single-purpose equipment
13.6.2	Plasma welding machinery and equipment		for welding, cutting, soldering and metal bonding
13.6.3	Laser-beam welding machinery and equipment	13.12.8	Technologies for welding, cutting, soldering and metal bonding
13.6.4	Electron-beam welding machinery	13.12.9	Execution of investment projects for welding, cutting,
	and equipment		soldering and metal bonding
13.6.5	Stud welding machinery and equipment	13.12.10	Specialist literature, publications in the areas
13.6.6	Root-penetration welding machinery		of welding, cutting, soldering and metal bonding
	and equipment	13.12.11	Institutions and organisations in the areas
13.6.7	Machinery and equipment for welding plastics	13.12.12	of welding, cutting, soldering and metal bonding Vocational schools in the areas of welding, cutting, soldering
13.6.8	Soldering machinery and equipment	13.12.12	and metal bonding
13.6.9 13.6.10	Machinery and equipment for special methods of cutting Machinery and equipment for plasma cutting	13.12.13	Specialist courses and training in the areas
13.6.99	Machinery and equipment for other methods of welding,		of welding, cutting, soldering and metal bonding
13.0.33	surfacing, cutting and soldering, others	13.12.99	Research, services and institutions in welding, cutting,
ADDITIONAL	AND AUXILIARY MATERIALS		soldering, and metal bonding – other
13.7.1	Welding and cutting electrodes		
13.7.2	Welding wires, tube electrodes, strips and rods		
13.7.3	Solders		
13.7.4	Fluxes for welding and soldering		
13.7.5	Gases for welding, cutting and soldering		
13.7.6	Agents for pickling and passivating alloyed corrosion-proof steel welds		
13.7.7	Liquids, oils and sprays for welding and soldering		
13.7.99	Consumables and auxiliary materials, others		
13.8	ROBOTS, MANIPULATORS AND ACCESSORIES FOR WELDING		
	TECHNOLOGIES		
13.8.1	Welding robots		
13.8.2	Single-purpose welding, material separating and positioning manipulators		
13.8.3	Control, measurement, management and sensor systems, additional systems		
	and subsystems		
13.8.4	Hardware and software for welding technologies		

SURFACE TECHNOLOGY



EQUIPMENT FOR CLEANING AND TREATMENT OF SURFACES		LACQUERING SYSTEMS, ENAMELLING SYSTEMS, PLASTIC COATING SYSTEMS		
14.1.1	Tumbling machines			
		14.3.1	Equipment for pneumatic spraying	
14.1.2 14.1.2.1	Blasting machines High-pressure water jet blasting machines	14.3.2	of coating materials Equipment for high-pressure spraying	
1/12	Durich weekings	1/22	of coating materials	
14.1.3 14.2.3.1	Brush machines Equipment for electrolytic oxidation of aluminium	14.3.3	Equipment for spraying of heated coating materials	
	4-7	14.3.4	Equipment for dip coating	
14.1.4	Degreasing and cleaning equipment	14.3.5	Equipment for glazing	
14.1.4.1	Degreasing and cleaning equipment using	14.3.6	Drum coating machines	
	organic solutions	14.3.7	Roller coating equipment	
14.1.4.2	Degreasing and cleaning equipment using aqueous solutions	14.3.8	Electrostatic wet coating equipment	
14.1.4.3	Vacuum degreasing plants	14.3.9	Powder coating equipment	
14.1.4.4	Rust-removing equipment	14.3.9.1	Spray guns for electrostatic powder coating	
14.1.4.5	Laser equipment for cleaning	14.3.9.2	Baking kilns for powder coating materials	
14.1.4.6	Ultrasound equipment for cleaning		and their accessories	
14.1.4.7	Micro-organism based cleaning and degreasing equipment			
14.1.4.99	Degreasing and cleaning equipment, other	14.3.10	Equipment for electrophoretic coating	
14.1.5	Pickling plants	14.3.11	Booths for lacquering, drying and coat baking	
14.1.6	Passivating plants	14.3.11.1	Fire protection for lacquering boots	
14.1.7	Phosphatizing plants	14.3.11.2	IR radiation baking of coating materials	
14.1.8	Chromating plants	14.3.11.3	Induction baking of coating materials	
14.1.9	Varnish layer stripping and devarnishing plants	14.3.11.4	UV radiation curing of coating materials	
	· · · · · · · · · · · · · · · · · · ·	14.3.11.5	Electron-beam curing of coating materials	
14.1.10	Agents and consumables for surface cleaning and		• •	
	treatment equipment	14.3.12	Equipment for enamelling	
14.1.10.1	Abrasive media for tumblers and blasting	14.3.13	Equipment for surface coating with plastics and rubber	
	machines	14.3.14	Conveyors for lacquering equipment	
14.1.10.2	Cleaning and degreasing agents	14.3.15	Robots, manipulators and accessories	
14.1.10.3	Rust removers		for surface treatment	
14.1.10.4	Varnish removers	14.3.16	Compressors and pumps for lacquering	
14.1.10.5	Antirust agents		equipment	
14.1.10.6	Pickling agents			
14.1.10.7	Chromating and phosphatazing agents	14.3.17	Coating materials and putties	
14.1.10.99	Agents and consumables for surface cleaning	14.3.17.1	Synthetic coating materials	
	and treatment equipment, other	14.3.17.2	Oil coating materials	
		14.3.17.3	Bitumen coating materials	
14.1.99	Surface cleaning and treatment equipment, other	14.3.17.4	Acrylate coating materials	
		14.3.17.5	Acrylurethane coating materials	
		14.3.17.6	Epoxy resin coating materials	
ELECTROPLA	TING EQUIPMENT	14.3.17.7	Epoxy ester coating materials	
		14.3.17.8	Epoxy acrylate coating materials	
14.2.1	Electroplating equipment	14.3.17.9	Polyurethane coating materials	
14.2.2	Equipment for galvanic cleaning and polishing	14.3.17.10	Water-soluble paints	
14.2.3	Equipment for electrolytic oxidation	14.3.17.11	Powder coating materials	
	and colouring	14.3.17.12	Thinners and solvents	
14.2.4	Equipment for electroforming	14.3.17.13	Putties for surface finishing	
14.2.5	Electric etching equipment	14.3.17.14	Masking materials for lacquering plants	
14.2.6	Electroplating systems for printed boards	14.3.17.99	Coating materials and putties, other	
14.2.7	Strip galvanizing equipment			
14.2.8	Galvanizing lines	14.3.18	Nano-varnishes	
14.2.9	Equipment for electroless (chemical) plating	14.3.19	Dyestuffs, pigments	
		14.3.20	Enamels	
14.2.10	Attachments and accessories for electroplating equipment	14.3.21	Foil for product surface finish	
14.2.10.1	Electric current sources for electroplating equipment			
14.2.10.2	Control and regulation devices for electroplating equipment	EQUIPMENT F	OR CHEMICAL AND HEAT METAL TREATMENT	
14.2.10.3	Containers for electroplating			
14.2.10.4	Bath heaters for electrodeposition	14.4.1	Equipment for diffusion saturation	
14.2.10.5	Baskets for electroplated products		of steel surface	
14.2.10.6	Centrifuge drums for electroplating equipment	14.4.1.1	Case hardening equipment	
14.2.10.7	Filtering equipment for electroplating equipment	14.4.1.2	Nitriding equipment	
14.2.10.8	Recycling equipment for electroplating	14.4.1.3	Nitrocarburizing equipment	
14.2.10.99	Accessories for electroplating equipment, other	14.4.1.4	Equipment for carbonitriding	
		14.4.1.5	Equipment for sulpho-nitriding	
14.2.11	Anodes for electroplating equipment	14.4.1.6	Equipment for boriding	
14.2.12	Chemicals for electroplating technology	14.4.1.7	Equipment for alitizing	
14.2.99	Electroplating equipment, other			



SURFACE TECHNOLOGY

14.4.2	Furnaces for chemical and thermal treatment of surfaces and their accessories	COMPUTER, M FOR SURFACE	EASURING AND TESTING DEVICES
14.4.3		FUR SURFACE	IKEAIMENI
14.4.5	Solid, liquid and gaseous substances for chemical and thermal treatment of surfaces	14.9.1	Computer management systems for surface treatment enterprises
14.4.99	Equipment for chemical and thermal treatment of surfaces, other	14.9.2	Software for support of quality assurance and management (CAQ)
		14.9.3	CAD, CAM and CIM for surface treatment
LASER AND PL	ASMA COATING TECHNOLOGIES	14.9.4	Regulation and control equipment for surface treatment
14.5.1	Laser coating technologies		technologies
14.5.2	Physical Vapour Deposition (PVD) plants		
14.5.3	Chemical Vapour Deposition (CVD) plants	14.9.5	Measuring and testing devices for surface treatment
14.5.4	Plasma technologies for ion beam coating		applications
14.5.5	Vacuum components and accessories	14.9.5.1	Nano-technologies testing and measuring
	for laser and plasma coating technologies		instruments
14.5.99	Laser and plasma coating technologies, other		
	3	14.9.99	Computer, measuring and testing devices
14.6	EQUIPMENT FOR THERMAL SPRAYING		for surface treatment, other
14.6.1	Flame metal spraying equipment		To our race a customer of control
14.6.2	Arc metal spraying equipment	RESEARCH SE	RVICES AND INSTITUTIONS IN SURFACE TREATMENT SECTOR
14.6.3	Plasma metal spraying equipment	KESEARCH, SE	MYZCES AND INSTITUTIONS IN SOMME MEATHER SECTOR
14.6.99	Plants for thermal spraying, other	14.10.1	Research in surface treatment technologies
SPECIAL SYSTE	EMS FOR SURFACE TREATMENT	14.10.2	Offers of production facilities in surface treatment sector
JI LCIAL SISIL	INSTON SONTACE TREATMENT	14.10.2.1	Custom cleaning and pre-treatment of surfaces
14.7.1	Thermal surface treatment systems	14.10.2.1	Custom electroplating
14.7.1.1	Annealing plants	14.10.2.2	custom electropiating
		14.10.2.3	Custom heat treatment of metals
14.7.1.2	Hardening and tempering plants		
14.7.1.3	Annealing, hardening and tempering furnaces and their accessories	14.10.2.3.1	Customized quenching and annealing
14.7.1.4	Hardening baths and materials	14.10.2.4	Custom chemical and heat treatment of metals
14.7.2	Browning and black-finishing plants	14.10.2.5	Custom technical coating applications
14.7.3	Equipment for metal spraying	14.10.2.5.1	Custom PVD and CVD coating of tools
14.7.4	Hot galvanization plants		•
14.7.5	Hot-dip tinning plants	14.10.2.6	Custom lacquering
14.7.6	Polishing, grinding and lapping equipment	14.10.2.7	Custom hexabasic chromium free corrosion protection
	and accessories	14.10.2.8	Custom metal spraying of surfaces
14.7.7	Non-thermal surface hardening systems	14.10.2.9	Customized hot galvanizing
14.7.8	Tampon printing, silkscreen printing	14.10.2.10	Customized thermal coating
		14.10.2.11	Customized cladding
14.7.9	Industrial surface marking systems		, and the second
14.7.9.1	Equipment for electro-chemical marking	14.10.2.12	Custom application of plastic coatings
14.7.9.2	Micro-impact marking machines	14.10.2.12.1	Custom fluoroplastic coating
14.7.9.3	Equipment for surface marking by film application		g
14.7.9.4	Self-adhesive materials	14.10.3	Consultancy in surface treatment technologies
		14.10.4	Surface treatment engineering and design services
14.7.9.5	Scribing and engraving machines	14.10.5	Service and repair of machines and equipment
21111313	and equipment	14015	for surface treatment applications
14.7.9.5.1	Laser marking and scribing machines	14.10.6	Refurbished machines and equipment
14.7.3.3.1	Laser marking and seribing macrines	14.10.0	for surface treatment
14.7.9.6	Marking printers	14.10.7	Manufacture of prototype and single-purpose equipment
14.7.9.7	Labelling devices	14.10.7	for surface treatment
			for surface treatment
14.7.9.8	Embossing dies	1 / 10 0	Conferent to the standard of the
14.7.9.9	Embossing guns	14.10.8	Surface treatment technologies
14.7.9.10	Embossing presses	14.10.8.1	Surface treatment technology projects
14.7.9.99	Industrial equipment for surface marking, other	14.10.8.2	Technological supplies for the surface treatment industry
14.7.99	Special surface treatment systems, other	14.10.9 14.10.10	Execution of investment projects in surface treatment sector Financial services and leasing in surface
ENVIRONMENT	TAL PROTECTION SYSTEMS		treatment sector
FOR SURFACE	TREATMENT TECHNOLOGIES	14.10.11	Technical literature and publications
14.8.1	Water treatment plants for surface technology		for surface treatment applications
14.8.2	Waste water treatment plants for surface	14.10.12	Institutions and organisations in surface treatment sector
	technologies	14.10.13	Vocational training schools specializing
14.8.3	Waste gas cleaning plants for surface		in surface treatment systems
	treatment technology	14.10.14	Specialist courses and education in surface treatment
14.8.4	Surface treatment waste disposal		systems
14.8.5	Consultancy in environmental protection		
	systems for surface treatment technologies	14.10.99	Research, services, institutions in surface treatment
14.8.99	Environmental protection systems for surface treatment technologies, other		sector, other

PLASTICS, RUBBER, COMPOSITES



POLYMERS - RAW MATERIALS AND AUXILIARIES

POLYMERS - RA	AW MATERIALS AND AUXILIARIES		
15.1.1	Thermoplastics	15.1.2	Thermoplastic elastomers (TPE)
15.1.1	mermoptastics	15.1.3	Thermosetting plastics
15.1.1.1	Polyolefins	15.1.3.1	Phenol moulding compounds (PF)
13.1.1.1	Totyoterms	15.1.3.2	Aminoplastic moulding compounds
15.1.1.1.1	Polyethylenes (PE)	15.1.3.3	Polyester resins unsaturated (UP)
15.1.1.1.1	Ultra low density polyethylenes (ULDPE)	15.1.3.4	Epoxy resins (EP)
15.1.1.1.1.2	Low density polyethylenes (LDPE)	15.1.3.5	Highly heat-resistant thermosetting plastics
15.1.1.1.1.3	Linear low density polyethylenes (LLDPE)	15.1.3.99	Thermosetting plastics – other
15.1.1.1.1.4	Medium-density polyethylenes (MDPE)	13.1.3.99	mermosecung plastics – other
15.1.1.1.1.5	High-density polyethylenes (HDPE)	15.1.4	Polyurethanes (PUR)
15.1.1.1.1.6	High molecular weight high-density polyethylenes	15.1.4.1	Unextended polyurethanes
13.1.1.1.10	(HMW-HDPE)	15.1.4.2	PUR flexible foam systems
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15.4.5	Semi-finished and finished products made of polyurethane elastomers	COMPUTER, AND RUBBE	TESTING AND MEASURING TECHNOLOGIES FOR PLASTICS
15.4.5.1	Boards, blocks	AND RODDE	
15.4.5.2	Sections	15.7.1	Control systems for plastics and rubber enterprises
		15./.1	Control systems for plastics and rubber enterprises
15.4.5.3	Bellows, sleeves, covers, rings		
15.4.5.4	Dilatation compensators	15.7.2	Statistical Process Control (SPC) systems for long-term
15.4.5.5	PU elastomers including metal inserts		monitoring of production processes and quality
15.4.5.6	Shaft seal rings		
15.4.5.7	Seals	15.7.3	CAD, CAM and CIM for plastics and rubber plants
15.4.5.8	Vibration dampers	15.7.3.1	CAD systems for injection processes analysis
15.4.5.9	Silentblocks	15171511	and optimization
15.4.5.10	Shaped products	15.7.3.2	Regulation system for melt flow in the mould
		13.7.3.2	Regulation system for metrition in the mouta
15.4.5.11	Casts	45 7 /	
15.4.5.12	Glass fiber reinforced polyurethane	15.7.4	Development software for designers
15.4.5.13	Wheels	15.7.5	Pick-up sensors of dimensions, pressure, temperature
15.4.5.14	Solid tyre wheels		and forces in plastics and rubber processing machines
15.4.5.15	Polyurethane coated rollers		
15.4.5.99	Semi-finished and finished products made of polyurethane	15.7.6	Measuring equipment for length, thickness and surface
	elastomers other		geometry of plastic components
		15.7.6.1	Systems for 2D and 3D scanning of complex shapes
CEMT_ETNICL	HED AND FINISHED RUBBER-BASED PRODUCTS	13.7.0.1	Systems for Eb and Sb scanning of complex shapes
JEMI-I IMIJI	ILD AND I INISITED RODDER-DASED I RODOCIS	1577	Dhaamatana mlaatamatana siisaasimatana
	5.11	15.7.7	Rheometers, plastometers, viscosimeters
15.5.1	Rubber boards, blocks	15.7.8	Temperature measuring instruments for manufacture
15.5.2	Rubber sections		and processing of plastics and rubbers
15.5.3	Rubber fibres, ropes	15.7.9	Thermomechanical analysers
15.5.4	Rubber hoses	15.7.10	Measuring instruments of optical properties of plastics and
15.5.5	Rubber flooring		rubbers
15.5.6	Rubber V-belts, indented belts	15.7.11	Multiparameter measuring stations
15.5.7	Rubber conveyor belts	15.7.12	Material thermostability testers
	•		
15.5.8	Rubber bellows, sleeves, covers, rings	15.7.13	Testers of mechanical and dynamic ruggedness of materials
15.5.9	Rubber dilatation compensators		
15.5.10	Rubber-metal	15.7.99	Computer, testing and measuring technologies for plastics
15.5.11	Shaft seal rings		and rubbers, other
15.5.12	Rubber seals		
15.5.13	Rubber vibration dampers	RESEARCH,	SERVICES AND INSTITUTIONS
15.5.14	Silentblocks		S AND RUBBERS
15.5.15	Shaped rubber products		
	Rubber textile products	15.8.1	Deceased in plactice and rubbore
15.5.16	•	15.6.1	Research in plastics and rubbers
15.5.17	Rubber wheels		
15.5.18	Cellular rubber products	15.8.2	Custom plastic and rubber components manufacture
15.5.19	Tyres and tubes	15.8.2.1	Custom plastic components manufacture
15.5.20	Rubber containers and bags	15.8.2.2	Custom rubber components manufacture
15.5.21	Rubber-coated cylinders	15.8.2.3	Custom adjustments and assembly of components
15.5.22	Articles produced by dipping		3 1
15.5.23	Ebonite products	15.8.3	Consultancy in plastics and rubber manufacturing
15.5.98	Rubber components for automotive applications	15.8.4	Engineering and design services for plastics
15.5.96	·	15.6.4	
	of all kinds		and rubber manufacturing
15.5.99	Rubber semi-finished and finished products, other		
		15.8.5	Service and repairs of machines for plastics
MACHINES AI	ND EQUIPMENT FOR RECYCLING AND USE OF PLASTIC		and rubber industries
AND RUBBER	WASTE MATERILAS	15.8.5.1	Spare parts for machines for plastics and rubber industries
		15.8.5.2	Renovation of moulds, screws, chambers
15.6.1	Mills and crushers for plastic waste		and cylinders
	Cryogenic mills and crushers for plastic and rubber waste	15 0 5 2	Turnkey systems of general overhauls of machines for plastics
15.6.1.1		15.8.5.3	
15.6.1.2	Tyre crushers		and rubber industries
		15.8.5.4	Reconstruction and modernisation of machines
15.6.2	Machines, equipment and technologies		for plastics and rubber industries
	for separation of contaminating materials		
	from plastic and rubber waste	15.8.6	Refurbished machines for plastics and rubber industries
15.6.3	Technologies, machines and equipment	15.8.7	Manufacture of prototype and single-purpose equipment
15.0.5	for chemical and thermal recycling of waste polymer	15.0.7	for plastics and rubber industries
			for plastics and rubber industries
45.6.4	materials	45.00	Tarken de de Caracia de la Caracia de Caraci
15.6.4	Solid waste processing lines	15.8.8	Technologies for plastics and rubber industries
	(plastics, cables, tyres)	15.8.8.1	Technology projects for plastics and rubber industries
15.6.5	Plastic re-granulates and waste	15.8.8.2	Technology supplies to plastics and rubber industries
	(HDPE, LDPE, PP, PS, PVC, PUR)		
15.6.6	Recycled elastomer materials	15.8.9	Executiom of investment projects in plastics and rubber
15.6.7	Consultancy in recycling and use of plastic and rubber waste		industries
_5.0.,	materials	15.8.10	Financial services, leasing for plastics
	mucci idis	13.0.10	and rubber industries
15 6 00	Machines and aminoscotification of the Color	45.044	
15.6.99	Machines and equipment for recycling and use of plastic and	15.8.11	Technical literature and publications
	rubber waste materials – other		for plastics and rubber industries



15.8.12	Institutions and organisations in plastics and rubber industries
15.8.13	Vocational training schools for plastics and rubber industries
15.8.14	Vocational training courses and education for plastics and rubber industries
15.8.99	Research, services, institutions in plastic and rubbers sector, other



CHEMICALS FOR ENGINEERING

Equipment for the chemical industry		16.2.99	Machines for other chemical branches
16.1.1	Tanks, vessels, pressure vessels for the chemical industry	Lubricants, o	nile
16.1.2	Columns	16.3.1	Lubricating greases for industry
10.1.2	Cotumns	16.3.2	Lubricating greases for industry
16.1.3	Filters for chemical production	16.3.3	Oils for industrial transmissions
16.1.3.1	Filters for liquid materials	16.3.4	Hydraulic oils
16.1.3.2	Filters for gaseous materials	16.3.5	Oils for rolling
16.1.3.3	Filters with automatic cleaning of filter partition	16.3.6	Oils, emulsions, pastes for corrosion protection
16.1.3.4	Equipment for diaphragm technology, ultrafiltration	16.3.7	Cooling lubricants and liquids
10.1.5.4	and nanofiltration	16.3.8	Working emulsions and cutting oils
	and nanontcration	16.3.9	Additives for lubricants
16.1.4	Filtration systems for the chemical industry	16.3.10	Environmental lubricants
16.1.4.1	Filtration systems for plastic and rubber melts	16.3.11	Oils for the food industry
16.1.4.2	Filtration systems for the production of synthetic fibres	16.3.99	Lubricants and oils – other
16.1.4.3	Filtration systems for plastic melt recycling	10.3.99	Eubricants and oits – other
10.1.4.5	Titulation systems for plastic mete recycling	16.4	Mineral oil regeneration equipment
16.1.5	Mixing and kneading machines	16.5	Corrosion and wear protection pastes
16.1.6	Crushers	16.6	Sprays for metal surface finishing
10.1.0	Clusilers	10.0	Sprays for metal surface miniming
16.1.7	Mills for the chemical industry	16.7	Coating compositions
16.1.7.1	Colloid mills	16.7.1	Synthetic coating compositions
16.1.7.1	Pulverizers	16.7.2	Water soluble coating compositions
16.1.7.3	Screens for the chemical industry	16.7.3	Powder paints
10.1.7.5	Screens for the chemical mudsiry	10.7.5	rowder panies
16.1.8	Separators	16.8	Colours, pigments
16.1.9	Air separators and screening machines	16.9	Enamels
16.1.10	Dedusting equipment	16.10	Cements
16.1.11	Centrifuges	16.11	Adhesives
10.1.11	Centi nages	16.12	Adhesive tapes and films
16.1.12	Evaporators, evaporating equipment	10.12	Adhesive tapes and ritins
16.1.12.1	Vacuum evaporators	16.13	Gases
10.1.12.1	vacuum evaporators	16.13.1	Pure and rare gases and their mixtures
16.1.13	Homogenizers	16.13.2	Technical gases in liquid and gaseous phase
16.1.14	Decanters	10.13.2	reclificat gases in tiquid and gaseous phase
16.1.15	Crystallization equipment	16.14	Active carbon, charcoal, soot
16.1.16	Cleaning equipment for chemical engineering	10.14	Active carbon, charcoat, soot
16.1.17	Heat exchangers for chemical engineering	Chemicals fo	r industrial production
16.1.18	Industrial furnaces for chemical production	chemicats io	i madstriat production
16.1.19	Dosing equipment for chemical engineering	16.15.1	Chemicals for mechanical engineering
16.1.20	Transport equipment for chemical plants	16.15.1.1	Solvents, thinners
16.1.21	Silos	16.15.1.2	Varnish / lacquer removers
16.1.22	Synthetic fibre production equipment	16.15.1.3	Degreasing and cleaning liquids
16.1.23	Biochemical and biotechnological equipment	16.15.1.4	Corrosion inhibitors
16.1.24	Process gas distribution	16.15.1.5	Moulding equipment
16.1.25	Process burners	16.15.1.6	Heat-carrying media
16.1.26	Exhausting and dedusting equipment for the chemical	16.15.1.7	Chemicals for chemical and heat processing
10.1.20	industry	10.13.1.7	of iron and steel
	maddi y	16.15.1.8	Treatment salts for light metals
16.1.99	Equipment for the chemical industry – other	16.15.1.9	Chemicals for electroplating
10.1.55	Equipment for the entimed industry other	16.15.1.10	Mordants for metals
Machines and	accessories for the chemical industry	16.15.1.11	Antifoaming agents
16.2.1	Components and accessories for the chemical industry	16.15.1.12	Emulsifiers
16.2.2	Equipment for the petrochemical industry	16.15.1.13	Additive concentrates
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16.2.8	Coating substance production equipment	16.15.4	Chemicals for the pharmaceutical and cosmetic industries
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16.20.1	Diagnostics of machines for the chemical industry
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16.22.1	Technology projects for the chemical industry
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17.1.1.1	Additive manufacturing systems, 3D printers with 3DP	17.2.5.3	Web-based solutions for automation systems		
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17.1.1.2	Additive manufacturing systems, 3D printers with fused deposition		···		
	modelling (FDM), thermal extrusion printing	17.2.6	Multimedia software for industrial applications		
17.1.1.3	Additive manufacturing systems, 3D printers with laminating	17.2.6.1	Multimedia technical product documentation systems		
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	modelling (MJM)	17.2.7	Operating systems for industrial IT		
17.1.1.5	Additive manufacturing systems, 3D printers with selective laser	47.00	F		
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2772720	outer database managed my systems, 55 printers for non-metab	17.2.8.5	Software for computer management, maintenance		
17.1.2	Industry applications for additive manufacturing		and installation		
	with non-metals				
		17.2.9	Other basic software and system-oriented industrial software		
17.1.3	Supplementary systems and services for additive	17.2.10	Systems and software for public resource processing		
	manufacturing with non-metals				
17.1.3.1	3D digitisation systems for adaptive manufacturing	17.2.11	Software for application development for industrial IT,		
17.1.3.2	3D graphics software and 3D modelling software for additive		development tools		
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17.2.3.1	Cognitive computing systems for production technologies and				
	production processes	17.2.13	Virtual reality systems for industrial applications		
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INDUSTRY 4.0 AND DIGITAL (SMART) FACTORY – INTEGRATED PROCESSES AND IT SOLUTIONS

17.3.5	Organisations and associations for industrial software, digital			
17.3.6	factories Other digital factory services			
Tt				
•	ms for the industry and industrial automation			
17.4.1	General intelligent components			
17.4.2	Components, Internet of Things systems, IoT in industrial applications			
17.4.3	Cyber physical systems in industrial applications			
17.4.4	Industrial internet solutions, industrial internet systems			
17.4.5	Integrated industrial solutions			
17.4.6	Other Industry 4.0 based industrial and internet solutions			
17.4.7	Software solutions for the Industry 4.0 and the Internet of Things, Industrial Internet of Things (IioT)			
Automated pro	oduction systems usable for the Smart Factory			
17.5.1	Production planning and automatic control systems related to			
47.50	ERP systems			
17.5.2	Automatic customer requirement processing systems			
17.5.3	Automatic input material and raw material storage systems			
17.5.4	Automatic tool storage systems			
17.5.5	Other automatic storage systems			
17.5.6	Automatic systems for in-house transport of semi-products and products			
17.5.7	Automatic handling systems			
17.5.7.1	Handling robots with image analysis skills			
17.5.7.2	Robotic systems for technology and machine tool operators			
17.5.7.3	Other robotic systems			
17.5.8	Automatic control and measuring stations integratable in technological processes			
17.5.9	Machines and equipment used in automatic facilities			
17.5.10	Automatic monitoring and evaluation systems			
17.5.11	Industry-specific automation software solutions			
17.5.11.1	Automation software solutions for general industrial applications			
17.5.11.2	Automation software solutions for general mechanical engineering			
17.5.11.3	Automation software solutions for measuring technologies and control technologies			
17.5.11.4	Automation software solutions for other branch-specific applications			
17.5.11.5	Automation software solutions for the design of other vehicles			
17.5.11.6	Automation software solutions for the automotive industry			
17.5.11.7	Automation software solutions for civil engineering			
17.5.11.7	Automation software solutions for the electrical engineering			
17.3.11.0	industry, electronic industry			
17.5.11.9	Automation software solutions for the metal producing and metal working industry			
17.5.11.10	Automation software solutions for the packaging industry			
17.5.11.11	Automation software solutions for the printing industry			