

# INTERMAT

## Classified product listing

## Appendix 1

### LIST OF EQUIPMENT AND TECHNOLOGY EXHIBITED



#### EQUIPMENT FOR THE PREPARATION AND TREATMENT OF MATERIALS

##### 1.1 MACHINES AND EQUIPMENT FOR INDUSTRIES HANDLING CEMENT, LIME, GYPSUM, SAND, CLAY, GRAVEL AND CRUSHED STONE

- A0030 Crushing and screening facilities (stationary)
- A0040 Crushing and screening facilities (mobile)
- A0050 Full-scale installations for industries handling clay, sand, gravel and crushed stone
- A0060 Full-scale installations for industries handling cement, lime, gypsum, trass and chalk
- A0070 CRUSHERS**
- A0120 Boring crushers
- A0110 Giratory crushers
- A0100 Impact crushers
- A0090 Jaw crushers
- A0080 Roll crushers
- A0130 GRINDERS**
- A0140 Cone-type grinders
- A0180 Grinders with revolving bed plate
- A0160 Hammer grinders
- A0170 Impact grinders
- A0150 Roller grinders
- A0200 Tube grinders
- A0190 Vibrating grinding mills
- A0210 SCREENING EQUIPMENT**
- A0250 Circular-vibrating screens
- A0290 Core extractors/scrapper chain feeder
- A0270 Eccentrically-vibrating screens
- A0230 Electromagnetic screens
- ICEA A0300** Fittings for crushers, grinders and screens
- A0240 Free-vibrating screens
- A0280 Linear vibrating screens
- A0260 Resonance screens and elliptically-vibrating screens
- A0220 Scraper chain conveyors
- A0310 EQUIPMENT FOR INDUSTRIES HANDLING CEMENT, LIME, GYPSUM, SAND, CLAY, GRAVEL AND CRUSHED STONE**
- ICEA A0420** Accessories for machines and equipment used in industries handling cement, lime, gypsum, sand, clay, gravel and crushed stone
- A0350 Dedusting facilities
- A0400 Drying plant for stonework and earthwork industries
- A0380 Furnaces, ovens and autoclaves
- A0330 Hydraulic settling tank
- A0410 Silos for rock and gravel
- A0360 Spreaders/stackers and reclaimers
- A0320 Thickener settling tank
- A0340 Unplugging and cleaning of silos and hoppers
- A0370 Vibrating drying screen
- A0390 Washing facilities for sand and gravel, etc.

##### 1.2 MACHINES AND EQUIPMENT USED IN THE THE PRODUCTION OF CEMENT-, LIME - OR GYPSUM-BOUND PREFABRICATED ELEMENTS AND BUILDING MATERIALS

- ICEA A0740** Accessories for machines and equipment used in the production of cement-, lime- or gypsum-bound prefabricated elements and building materials
- A0570 Asbestos cement, polymer-enhanced concrete, asphalt-based wall elements and prefabricated elements (machines and equipment for the manufacturing of)
- A0680 Automatic transport systems
- A0530 Batteries of formwork
- A0520 Binding and shrink-packaging machines
- A0480 Cellular concrete blocks, tiles and elements (machines and equipment for the manufacturing of)
- A0470 Concrete blocks (machines and equipment for the manufacturing of)
- A0500 Concrete curb-making machines
- A0720 Concrete pipe-making machines
- A0710 Concrete roof tile-making machines
- A0600 Concrete step-making machines
- A0640 Concrete tile presses
- A0580 Dies for prestressed concrete beams and tiles
- A0730 Feeding vehicles for concrete block machines
- A0440 Grabs and loading devices
- A0630 Insulation panels, lightweight gypsum panels, gypsum panels, mineral fiber panels, synthetic and stiff foam panels (machines and equipment for the manufacturing of)
- A0450 Large-sized prefabricated concrete elements (facilities for the production of)
- A0550 Laying concrete tiles (machines for)
- A0490 Lightweight concrete blocks, tiles and elements (machines and equipment for the manufacturing of)
- A0610 Molds for the concrete block industry
- A0560 Packeting machines, strapping
- A0620 Pallets
- A0540 Polymer concrete casting machines
- A0700 Prefabricated concrete elements (facilities for the manufacturing of)
- A0460 Prestressed prefabricated concrete elements (facilities for the production of)
- A0590 Scrubbing machines for concrete tiles
- A0510 Siliceous limestone blocks (machines and equipment for the manufacturing of)
- A0670 Tilting tables for prefabricated concrete elements
- A0690 Transportation equipment for the concrete block industry
- A0650 Turntable machines
- A0660 Vibrating table machines

##### 1.3 MACHINES, FACILITIES AND EQUIPMENT FOR THE QUARRYING OF NATURAL STONE, THE PROCESSING OF NATURAL AND ARTIFICIAL STONE AND FOR FINISHING WORK ON BUILDING SITES

- ICEA A0940** Accessories for machines, facilities and equipment used in the quarrying of natural stone, the processing of natural and artificial stone and in finishing work on construction sites
- A0760 Cable machines and cables set with diamonds
- A0900 Chain saws
- A0910 Circular saws and other saws
- A0790 Core drilling rigs
- A0810 Cutting machines
- A0830 Diamond-equipped tools
- A0880 Floor saws
- A0860 Grinding and polishing machines and equipment
- A0870 Grinding, sanding, polishing, scouring, planing and grouting (turning machines for)
- A0800 Milling machines
- A0920 Other machines for finishing work in construction
- A0930 Other stone processing machines and tools
- A0850 Spackling machines for artificial stone slabs
- A0840 Stone-boring machines
- A0820 Stonecutting saws
- A0770 Stone-splitting machines and tools
- A0780 Tile- and slab-cutting machines and devices
- A0890 Wall saws

##### 1.4 MACHINES AND EQUIPMENT FOR THE PRODUCTION, TRANSPORT, HANDLING, CONVEYANCE AND COMPACTION OF CONCRETE AND MORTAR

- A0960 CONCRETE AND MORTAR PREPARATION**
- A1040 Compulsory mixers
- A0980 Concrete mixers, automatic concrete mixers
- A0970 Continuous concrete preparation and fabrication facilities
- A1020 Dosing and weighing equipment
- A1000 Facilities for the preparation and production of concrete, with horizontal aggregate storage
- A1010 Facilities for the preparation and production of concrete, with vertical aggregate storage
- A1030 Gravity mixers
- A1050 Hand-guided scrapers and other scraping equipment
- A0990 Mobile concrete preparation and mixing facilities
- A1060 Silos for cement and aggregates
- A1070 CONCRETE HAULING, CONCRETE AND MORTAR HANDLING, CONCRETE COMPACTION**
- ICEA A1250** Accessories for machines and equipment used in the production, transport, conveyance and compaction of concrete and mortar

A1080 Concrete and mortar buckets  
 A1150 Concrete handling carts  
 A1210 Concrete handling equipment  
 A1130 Concrete injectors  
 A1170 Concrete pumps  
 A1160 Distributor booms  
 A1230 External vibrators  
 A1240 Internal vibrators  
 A1090 Mobile concrete mixers  
 A1180 Mortar pumps  
 A1100 Plastering machines  
 A1220 Power trowels and smoothers  
 A1200 Sealing mixers and pumps  
 A1110 Smoothing iron, vibrating beam  
 A1190 Truckmounted concrete pump  
 A1120 Washing facilities for residual concrete  
 A1140 Wet and dry concrete spraying plant  
 A1260 **MACHINES FOR BENDING, ROLLING, CUTTING AND WELDING RODS FOR REINFORCED CONCRETE**

**ICEA** A1370 Accessories for machines used in bending, rolling, cutting and welding rods for reinforced concrete  
 A1270 Automated rollers  
 A1320 Bending facilities  
 A1330 Bending machines  
 A1340 Bending the latticework (machines for)  
 A1350 Bending, rolling, cutting and welding rods for reinforced concrete (other machines for)  
 A1300 Cutting machines  
 A1310 Cutting the latticework (machines for)  
 A1290 Mobile cutting facilities  
 A1280 Stationary cutting facilities  
 A1360 Welding reinforced concrete (machines for)

## MACHINES, EQUIPMENT AND TOOLS FOR ALL WORK SITES

### 2.1 MACHINES AND EQUIPMENT FOR EARTHMOVING WORK

**ICEA** B1670 Accessories for earthmoving machines and equipment  
 B1660 Anti-theft systems  
 B1420 Backhoe loaders  
 B1540 Bucket chain excavators  
 B1490 Bucket dredgers  
 B1570 Compact dumper  
 B1410 Compact loaders  
 B1390 Crawler dozers  
 B1440 Crawler loaders  
 B1630 Crawler-mounted hydraulic excavators  
 B1460 Crawler-mounted scrapers  
 B1510 Floating dredgers  
 B1500 Grab dredgers  
 B1480 Line-dredge  
 B1530 Machines and tools for earthmoving equipment (clearing dozers, rock-breakers, demolition hammers, etc.)  
 B1580 Mini-excavators  
 B1590 Motor graders  
 B1600 Rope-operated, crawler-mounted excavators  
 B1610 Rope-operated, wheel-mounted excavators  
 B1620 Spider shovels  
 B1430 Steer skid loaders  
 B1520 Suction dredgers and suction-cutter dredgers  
 B1650 Telescopic excavators  
 B1550 Trench excavators and trench cutters  
 B1560 Wheel bucket excavators  
 B1400 Wheeled dozers  
 B1450 Wheeled loaders  
 B1640 Wheel-mounted hydraulic excavators  
 B1470 Wheel-mounted scrapers

### 2.2 COMPACTION EQUIPMENT FOR EARTHMOVING WORK AND ROAD CONSTRUCTION

**B1690** **STATIC ROLLERS**  
 B1700 Smooth-wheeled static rollers  
 B1720 Static rollers (other)  
 B1710 Static tamping rollers

### B1730 VIBRATING ROLLERS

B1750 Smooth-wheeled vibrating rollers  
 B1740 Trench vibrating rollers  
 B1770 Vibrating rollers (other)  
 B1760 Vibrating tamping rollers

### B1780 MIXED ROLLERS

**B1790 MULTI-TIRED COMPACTORS**  
**B1800 COMPACTION EQUIPMENT (OTHER)**

**ICEA** B1840 Accessories for compaction machines and equipment used in earthmoving work and road construction  
 B1810 Tampers / rammers  
 B1830 Trench rollers  
 B1820 Vibratory plates

### 2.3 DRILLING, PILING AND EXTRACTING EQUIPMENT, DUCT AND PIPELAYING EQUIPMENT AND SYSTEMS

**ICEA** B2150 Accessories for drilling, boring, piling and extracting equipment used in trench-building  
 B2000 Anchoring tie rods (equipment for)  
 B1880 Bentonite sludge (equipment used in the preparation and processing of), sand removal  
**ICEA** B2090 Boards and props  
 B2100 Cable laying plant and tools  
 B1900 Core-drilling machines  
**ICEA** B2050 Drilling and impact hammers  
 B1960 Drilling and injection equipment  
 B1940 Drilling equipment  
 B1980 Drilling equipment for driving posts and masts  
 B1990 Drilling equipment for foundation piles  
**ICEA** B2140 Drilling shafts and tools, augers, buckets, soil sampling equipment, etc.  
**ICEA** B2040 Gully-hole ring lifters  
**ICEA** B2110 Hydraulic and pneumatic pipe jacking  
 B2020 Mobile drills  
 B1860 Piling and extracting equipment  
**ICEA** B1920 Pipe- and cable-detection equipment  
 B2010 Pneumatic drills  
 B2120 Restoring and cleaning old pipes (machines for)  
 B2060 Small-sized tunnel-boring machines  
**ICEA** B2070 Steel sheet piling  
 B1970 Suction-drilling equipment  
**ICEA** B2130 Test boring for prospection (equipment used in)  
 B2080 Trench sheet piling  
 B1930 Trench shields  
 B1910 Trench struts  
 B1870 Trench-digging equipment  
 B1890 Trenches (equipment used in the building of)  
 B2030 Water-cutting and wall-molding equipment  
 B1950 Well-drilling equipment

### 2.4 MATERIAL HANDLING AND LIFTING EQUIPMENT AND MACHINERY

**ICEA** B2530 Accessories for lifting and handling equipment  
 B2340 All-purpose cranes  
 B2250 Belt conveyors  
 B2490 Belt conveyors, scales  
 B2410 Blocks/tackles and electric pulls  
 B2260 Bucket elevators  
 B2270 Bucket elevators  
**ICEA** B2510 Builder's winches  
 B2170 Construction site equipment hoists  
 B2180 Construction site passenger lifts  
 B2190 Conveyor belt-type scales  
 B2310 Cranes mounted on truck chassis  
 B2330 Crawler cranes  
 B2480 Elevating conveyors, stackers  
 B2230 Forklifts  
 B2320 Frame cranes  
 B2350 Gantry-lifting trucks  
 B2210 Grabbers for cranes  
 B2380 Hoists, skips  
 B2360 Hydraulic lifting and transporting equipment  
 B2370 Materials elevator  
 B2300 Mobile cranes  
 B2450 Oscillating and vibrating conveyors for materials  
**ICEA** B2520 Passages for cranes, gantries and transport equipment

B2470 Pneumatic conveyor installations  
 B2420 Rack-working platforms  
**ICEA** B2440 Rollers  
**ICEA** B2460 Security systems for lifting equipment, load control devices  
 B2390 Self-propelled cradles and platforms  
 B2290 Self-propelled cranes  
**ICEA** B2200 Strips, belts and straps  
 B2280 Tower cranes  
 B2430 Traveling gantries  
 B2400 Truck-mounted platforms  
 B2240 Variable-reach lifting trucks (telescopic)  
 B2220 Wheelbarrows and handcarts  
 B2500 Worm screw conveyor

### 2.5 FORMWORK AND SCAFFOLDING

**ICEA** B2650 Accessories for formwork and scaffolding  
**ICEA** B2620 Cleaning systems for formwork  
 B2590 Fixed scaffolding  
 B2580 Formwork (other types of)  
 B2640 Formwork systems  
 B2600 Mobile and rolling scaffolding  
 B2630 Protective working platforms  
 B2610 Shoring equipment  
 B2560 Slab formwork  
 B2550 Tunnel formwork  
 B2570 Wall formwork

### 2.6 WORK SITE PUMPS

**ICEA** B2710 High-pressure pumps, washing, high-pressure jets  
**ICEA** B2700 Low-pressure pumps - waste or polluted water  
**ICEA** B2680 Pumps with electric motors  
**ICEA** B2690 Pumps with gas-powered motors  
**ICEA** B2670 Sediment and diaphragm pumps  
 B2730 Strip-cutting equipment  
**ICEA** B2720 Submerged or submersible pumps

### 2.7 CONSTRUCTION VEHICLES

**ICEA** B2950 Accessories for construction vehicles  
 B2750 Ampliroll  
 B2890 Articulated dumpsters  
 B2800 Dump trucks  
 B2760 Dumpsters  
 B2840 Heavy-load trailers  
 B2770 Lift-tipper trucks  
 B2850 Low-load trailers  
 B2820 Plastic tanks for heating oil or petrol  
 B2900 Rigid dumpsters  
 B2790 Roll-off tipper  
 B2870 Semi-trailers  
 B2880 Silos  
**ICEA** B2830 Special equipment fit-out  
 B2940 Special vehicles  
 B2930 Tanker trucks  
 B2780 Three-sided dumpsters  
 B2920 Tractors  
 B2910 Tractors for semi-trailers  
 B2860 Trailers (other)  
 B2810 Truck chassis for mounting special equipment

## MACHINES AND EQUIPMENT FOR SPECIALIZED WORK SITES

### 3.1 SPECIAL TUNNELING AND GALLERY BORING EQUIPMENT

**ICEA** C3110 Accessories for tunneling and gallery construction equipment  
 C2990 Anchors  
 C3000 Blade shields  
 C3020 Drilling carriage cars  
 C2980 Full-face cutting machines (TBM's)  
 C3070 Gallery and tunnel lining  
**ICEA** C3030 Jacking, vertical and inclined thrust equipment  
 C3050 Light rail motor tractors or dollies  
 C3060 Multi-purpose remote-controlled robots  
 C3040 Scrubbers  
 C2970 Selective cutting machines (roadheaders)  
 C3080 Transportation and conveyance systems

C3090 Tunnel-boring machines  
 C3010 Tunneling shields  
 C3100 Ventilating and dedusting equipment

### 3.2 TRENCHERS, UNDERGROUND CABLE-LAYING AND PIPE-LAYING EQUIPMENT, DRAINAGE EQUIPMENT

C3130 Directional drilling equipment  
 C3140 Drain installation machines  
 C3150 Trench-digging machines  
 ICEA C3160 Accessories for trenchers, underground cable-laying and pipe-laying equipment and drainage equipment

### 3.3 MACHINES AND EQUIPMENT FOR THE BUILDING OF CONCRETE AND BITUMEN (ASPHALT) ROADWAYS AND CANALS, AND FOR ROADWAY MAINTENANCE AND GROUTING WORK

C3490 Accessories for machines and equipment used in the building of concrete and asphalt roads, road maintenance work and in soil stabilization  
 C3260 Asphalt (coating) finishers  
 C3280 Asphalt and bitumen melting equipment  
 C3220 Asphalt heating containers  
 C3400 Asphalt surface recycling machines  
 C3390 Asphalt surface reformers  
 C3430 Binder sprayers  
 C3370 Cable-laying machines  
 C3320 Chipping spreaders  
 C3360 Concrete curb-making machines  
 C3270 Concrete paver finishers (sliding formwork)  
 C3460 Concrete separators  
 C3300 Gas (infrared) heating equipment  
 C3310 Guardrail fixing plant  
 C3440 Heated bitumen storage tanks  
 C3180 Isothermal covers for asphalt  
 C3240 Joint cutters  
 C3340 Joint-cleaning and joint-sealing machines  
 C3410 Milling waste recycling plant  
 C3210 Mobile asphalt plants  
 C3350 Patching truck  
 C3450 Pavement surface breakers  
 C3380 Pavement-laying machines  
 C3290 Road grooving machines  
 C3330 Road marking machines  
 C3420 Road material spreaders  
 C3250 Road side maintenance machines  
 C3230 Slurry machines  
 C3480 Snow and ice clearing machines  
 C3470 Soil-stabilizing machines  
 C3200 Stationary asphalt plants  
 C3190 Sweeping machines  
**C3500 MATERIAL STABILIZATION MACHINES**  
 ICEA C3510 Bitumen-gravel mixing units  
 C3520 Cement-gravel mixing units  
 C3530 Emulsion mixing units  
**C3540 BINDER PRODUCTION PLANTS**  
 C3550 Emulsion plants  
 C3560 Modified bitumen plants

### 3.4 RAILROAD TRACK-LAYING MACHINES

C3600 Hy-rail excavators  
 C3620 Passages for cranes and gantries  
 C3610 Railroad ties  
 C3590 Shunting engines  
 C3580 Track switching and "Californian" systems  
 C3630 Various trucks

## SURVEYING, MEASUREMENT AND CONTROL EQUIPMENT, COMPUTING SYSTEMS & NEW TECHNOLOGIES

### 4.1 AUTOMATIC CONTROL SYSTEMS

ICEA D3690 Automatic control systems for asphalt coating plants  
 ICEA D3700 Automatic control systems for bitumen plants  
 ICEA D3710 Automatic control systems for emulsion plants

ICEA D3680 Automatic control systems for gravel-sand mixing plants  
 ICEA D3660 Automatic control systems for quarrying facilities  
 ICEA D3670 Automatic devices for concrete mixing plants  
 ICEA D3740 Control technology  
 ICEA D3650 Industrial output and preliminary output devices  
 ICEA D3720 Industrial sensors  
 ICEA D3730 Instrumentation and sensors

### 4.2 SURVEYING

D3770 Geotechnics equipment  
 D3760 Laser surveying equipment  
 D3780 Surveying equipment  
 D3790 Surveying software

### 4.3 TESTING AND MEASURING EQUIPMENT OF BUILDING MATERIALS

D3830 Building material scales  
 D3840 Concrete testing devices  
 D3850 Laboratory instruments  
 D3820 Leak testing equipment  
 D3860 Measuring devices for concrete production  
 D3890 Sampling facilities  
 D3880 Testing presses for concrete products  
 D3870 Vehicle scales  
 D3810 Weighing and proportioning equipment

### 4.4 COMPUTING SYSTEMS AND NEW TECHNOLOGIES

D3910 **BUSINESS / SITE INFORMATION TECHNOLOGY AND NEW TECHNOLOGIES**  
 D3960 Computation software for the construction industry  
 D3950 Computerised management systems for public works plant and handling agents  
 D3940 Computerized construction project management systems  
 D3920 Engineering office equipment  
 D3930 ERP and site management systems  
 D3990 Radio equipment for building sites  
 D3980 Software solutions for systems engineering and training  
 D3970 Supervision software  
**D4000 COMPUTERISED SYSTEMS AND NEW TECHNOLOGIES FOR PLANT**  
 ICEA D4030 CAD software for precast concrete  
 ICEA D4050 Drilling and test boring software  
 ICEA D4010 Guidance systems (GPS, etc.)  
 ICEA D4040 Mechanical and electrical design software  
 ICEA D4080 Shuttering planning software  
 ICEA D4070 Software for security systems  
 ICEA D4060 Software for weighing operations  
 ICEA D4020 Vehicle guidance techniques

## COMPONENTS, EQUIPMENT, ACCESSORIES AND MISCELLANEOUS ITEMS

### 5.1 EQUIPMENT AND TOOLS FOR CONSTRUCTION SITES

ICEA E4480 Accessories for work site tools and equipment  
 E4100 Automatic saw-sharpening equipment  
 E4190 Bolt cutters  
 E4220 Bolt fasteners  
 E4360 Bolting/sealing guns  
 E4440 Bolt-welding equipment  
 E4230 Distribution panels, electrical cupboards and cases  
 E4400 Drying/Desiccating equipment  
 E4350 Electrical tools  
 ICEA E4210 Flowmeters  
 E4140 Forklift trucks  
 E4370 Fuel pumps for vehicles  
 E4330 Grinding disks  
 E4340 High-pressure steam cleaners  
 ICEA E4450 Hydraulic testers  
 E4240 Ladders

E4470 Lavatories (portable) for building sites  
 E4250 Lighting and signalling for site, lifting and handling vehicles  
 E4320 Lighting masts  
 E4310 Marking devices  
 E4290 Mobile and stationary halls  
 E4460 Mobile lighting towers  
 E4160 Modular construction  
 E4200 Pipe-cutting equipment  
 E4300 Portable reamers and building up equipment  
 E4150 Power lift trucks  
 E4120 Precision and roller brushes  
 E4260 Protective nets  
 E4390 Sand-blasting equipment  
 E4180 Sanitary and toilet containers  
 E4420 Signaling equipment and protective barriers for work sites  
 E4170 Site containers  
 E4270 Steam generators, hot water boilers, site heaters  
 E4380 Temporary housing and offices for building sites, construction and other vehicles  
 E4430 Welding accessories  
 E4280 Welding units  
 E4130 Wheelbarrows  
 E4410 Work-site safety equipment, electrical protection and monitoring equipment  
**E4490 PERSONAL PROTECTIVE EQUIPMENT**  
 E4520 Breathing protection  
 E4530 Eye protection  
 E4510 Hearing protection  
 E4500 Personal protective devices (safety lines, anchor points, etc.)  
 E4540 Safety clothing

### 5.2 POWER GENERATION AND TRANSMISSION, GENERATORS FOR CIVIL ENGINEERING EQUIPMENT, PRODUCTION OF CONSTRUCTION MATERIALS AND SITE VEHICLES

ICEA E4630 Air compressors  
 ICEA E4710 Axles  
 ICEA E4570 Batteries for construction machinery and site vehicles  
 ICEA E4720 Brakes  
 ICEA E4670 Clutches  
 ICEA E4770 Control systems (other)  
 ICEA E4600 Controls, remote controls, radio controls, infrared remote controls  
 ICEA E4560 Coupling  
 ICEA E4640 Electric compressors  
 ICEA E4790 Frequency changers and voltage transformers  
 ICEA E4680 Gears  
 ICEA E4650 Heat compressors  
 ICEA E4690 Hydraulic assemblies  
 ICEA E4610 Hydraulic control and adjustment components: valves, control units, measurement, control and adjustment equipment, hydraulic jacks  
 ICEA E4620 Hydraulic transmission components: pumps, motors, cylinders, hydrostatic transmissions and hydraulic transmission units, pressure switches, transmitters.  
 ICEA E4660 Live rings  
 ICEA E4750 Measuring and control devices for construction equipment and hydrostatic drives  
 ICEA E4740 Mobile power supply units  
 ICEA E4700 Pneumatic drives, controls and settings (techniques): compressed-air motors, cylinders, valves and pneumatic control devices  
 ICEA E4760 Rolling and sliding ball bearings  
 ICEA E4730 Stationary power supply units  
 ICEA E4590 Steering elements  
 ICEA E4580 Transmissions  
 ICEA E4780 Transmissions, cardan drive shafts  
**ICEA E4800 ENGINES**  
 ICEA E4860 Compressed-air motors  
 ICEA E4820 Diesel engines  
 ICEA E4830 Electric motors

ICEA E4810 Gasoline-powered engines  
 ICEA E4840 Hybrid motors  
 ICEA E4850 Hydraulic motors

**ICEA 5.3 PLANT, FITTINGS AND WEAR PARTS FOR CIVIL ENGINEERING EQUIPMENT, CONSTRUCTION MATERIALS, SITE VEHICLES AND SPECIAL SITE EQUIPMENT**

ICEA E4880 **EQUIPMENT, ACCESSORIES AND WORKING PARTS (WEAR AND TEAR) FOR MATERIALS PREPARATION AND PROCESSING EQUIPMENT**

ICEA E4960 Dredge hoses  
 ICEA E4920 Liners for crushers and grinders  
 ICEA E4910 Loading ramps  
 ICEA E4890 Mud filters  
 ICEA E4950 Pipes and hoses for concrete pumps  
 ICEA E4940 Screening sheets  
 ICEA E4900 Sieve inserts  
 ICEA E4930 Wear-resistant liners  
 ICEA E4970 **ACCESSORIES AND WORKING PARTS (WEAR AND TEAR) FOR ALL SITE EQUIPMENT**

ICEA E5160 Air filters  
 ICEA E5000 Anti-underrun (systems)  
 ICEA E5380 Anti-vibration parts, elastic suspension  
 ICEA E5350 Bolted shoes for rubber tracks  
 ICEA E5200 Brake and clutch plates and liners  
 ICEA E5390 Breaking out crowbars  
 ICEA E5170 Catalytic particle filters  
 ICEA E5230 Centralized lubrication systems  
 ICEA E5050 Concrete grinding mills  
 ICEA E5120 Coupling hooks  
 ICEA E5210 Crane buckets, shovels  
 ICEA E5070 Crawlers  
 ICEA E5420 Custom-made steel profile  
 ICEA E5320 Diamond tools  
 ICEA E5180 Engine and hydraulic filters  
 ICEA E5250 Engraving for construction equipment and site vehicles (systems for)

ICEA E5010 Exhausters  
 ICEA E5030 Expander bolts for pivots  
 ICEA E5430 Fire protection equipment  
 ICEA E5460 Fittings for pneumatic and hydraulic tools  
 ICEA E5040 Fork arms  
 ICEA E5240 Grabs  
 ICEA E5290 Hydraulic hammers  
 ICEA E5190 Hydraulic milling cutters  
 ICEA E5400 Hydraulic pliers  
 ICEA E5090 Hydraulic shears  
 ICEA E5330 Hydraulic tools  
 ICEA E5260 Immobilizing safety systems for diesel engine vehicles

ICEA E5440 Limit switches (various actuator types)  
 ICEA E5150 Pneumatic and hydraulic winders  
 ICEA E5300 Pneumatic hammers  
 ICEA E5340 Pneumatic tools  
 ICEA E5370 Polyurethane track shoes  
 ICEA E5310 Pressure washers  
 ICEA E5020 Rapid fastening systems  
 ICEA E5280 Rock breakers and rock drills  
 ICEA E5110 Ropes, pulleys, rollers, chains, etc.  
 ICEA E5100 Rotary manifold  
 ICEA E5360 Rubber track shoes  
 ICEA E4990 Safety fittings for reversing operations  
 ICEA E5220 Screen buckets  
 ICEA E5270 Sealants  
 ICEA E5410 Special tires and wheel rims for construction machines

ICEA E5140 Spring-loaded, motorized and electric line winders, grounding  
 ICEA E5130 Teeth and cutting edges  
 ICEA E5060 Tire and skid-resistant chains

ICEA E5080 Tracks for tyres  
 ICEA E4980 Vehicle door fittings  
 ICEA E5450 Vulcanization (machinery and materials)  
 ICEA E5470 **DRIVER'S CAB EQUIPMENT**  
 ICEA E5530 Air conditioning units  
 ICEA E5490 Aluminium-framed window for construction vehicle cabs

ICEA E5480 Burglar-proof systems  
 ICEA E5500 Cabs  
 ICEA E5560 Drivers' seats  
 ICEA E5540 Fire extinguishers  
 ICEA E5550 Handling devices for monitoring stations  
 ICEA E5520 Heaters  
 ICEA E5570 Monitoring station control panels  
 ICEA E5510 Seat belts

ICEA E5580 **EQUIPMENT, FITTINGS AND WEAR PARTS FOR SPECIALISED SITES EQUIPMENT**

ICEA E5610 Bag filters  
 ICEA E5630 Branch grinding nosing  
 ICEA E5590 Brushes and rollers  
 ICEA E5600 Burners  
 ICEA E5640 Flameproof shields  
 ICEA E5660 Other equipment, accessories and working parts (wear and tear) for construction equipment, building material machines and site vehicles

ICEA E5620 Snow clearing blades  
 ICEA E5650 Snowploughs

#### 5.4 MISCELLANEOUS ITEMS

E5720 Aggregates  
 E5740 Binders for road surfaces and asphalts  
 E5680 Cement and concrete additives  
 E5700 Cements  
 E5830 Concrete solvents and rust prevention products  
 E5690 Fuels and lubricants  
 E5710 Geotextiles, geodiaphragms  
 E5750 Household waste incineration clinker  
 E5730 Insulation materials  
 E5810 Ironwork and steelwork  
 E5760 Mortars and concretes  
 E5770 Paints  
 E5780 Plasters  
 E5820 Resins  
 E5790 Sealing products  
 E5800 Shutter and form stripping products

### THE ENVIRONMENT/RECYCLING

#### 6.1 AIR

F5850 Explosimeters and gas leak detection equipment  
 F5860 Environmental and emission gas measurement equipment  
 F5870 Environmental and emission particles and aerosols measurement equipment  
 F5880 Ventilating and dedusting equipment

#### 6.2 NOISE & VIBRATION

F5910 Acoustical correction equipment  
 F5900 Anti-vibration machines and devices  
 F5940 Insulating and absorbent materials  
 F5950 Silencers (machines and equipment)  
 F5920 Sound walls  
 F5930 Soundproofing equipment

#### 6.3 WASTE

F5970 **WASTE COLLECTION EQUIPMENT**  
 F6030 Beach cleaning equipment  
 F6020 Cleaning equipment  
 F5980 Containers  
 F6040 Plastic bags, big bags  
 F6010 Removable concrete wall for aggregate storage bin

F6000 Removable concrete wall for waste collection and compost bins  
 F6050 Waste collection and disposal vehicles  
 F5990 Waste-handling equipment

**F6060 SORTING AND PACKAGING EQUIPMENT**

F6080 Compaction equipment  
 F6100 Declogging techniques  
 F6070 Grinding equipment  
 F6090 Screening equipment  
 F6110 Separating equipment  
 F6120 Transportation of sorted materials (conveyers, etc.)

**F6130 PROCESSING EQUIPMENT**

F6140 Concrete recycling machines  
 F6150 Mix recycling machines  
 F6170 Recycling plant for building waste  
 F6160 Scrap iron recycling machines  
 F6190 Separating equipment  
 F6180 Tire waste recycling machines

#### 6.4 ENERGY

F6230 Electrical equipment  
 F6210 Heat exchangers & turbines  
 F6240 Hybrid equipment  
 F6250 Measurement, metering and control  
 F6260 Regulators and energy saving systems  
 F6220 Wind turbines and equipment

### ENGINEERING, CONSTRUCTION COMPANIES AND MISCELLANEOUS

#### 7.1 TRAINING, INFORMATION, SERVICES

G6300 Banks, lending institutions, purchasing departments, insurance  
 G6340 Construction equipment maintenance and repair companies  
 G6330 Construction equipment rental companies  
 G6310 Documentation, publications, press, publishers  
 G6320 Fleet management  
 G6290 Government agencies, State and local authorities, public bodies  
 G6400 Professional organizations  
 G6390 Research & development organizations  
 G6360 Second hand equipment marketplace  
 G6380 Security and control organizations  
 G6350 Trading companies, auction houses  
 G6370 Training organizations

#### 7.2 ENGINEERING SERVICES

G6430 Hazardous installations/facilities  
 G6440 Road building techniques  
 G6420 Sound and vibration engineering

#### 7.3 (G5860) CONSTRUCTION COMPANIES, BUILDERS

#### 7.4 COMMUNICATIONS

G6480 Construction industry Web sites  
 G6470 Miniatures, models