

**KATALOG
INTERNATIONAL CLASSIFICATION FOR STANDARDS
(ICS CATALOGUE)**

NO ICS	JUDUL ICS	ICS TITLE
01	UMUM. TERMINOLOGI. STANDARDISASI. DOKUMENTASI	GENERALITIES.TERMINOLOGY. STANDARDIZATION.DOCUMENTATION
01.020	Terminologi Prinsip-prinsip dan koordinasi	Terminology (principles and coordination)
01.040	Kosa kata	Vocabularies
01.040.01	Umum. Terminologi Standardisasi Dokumentasi Kosa kata	Generalities. Terminology. Standardization. Documentation
01.040.03	Sosiologi. Jasa. Organisasi dan manajemen perusahaan	Sociology. Services. Company organization and management
01.040.07	Matematika. Ilmu alam (Kosa kata)	Mathematics. Natural sciences (Vocabularies)
01.040.11	Teknologi perawatan kesehatan (Kosa kata)	Health care technology (Vocabularies)
01.040.13	Perlindungan lingkungan dan kesehatan. Keselamatan	Environment and health protection. Safety
01.040.17	Metrologi dan pengukuran. Fenomena fisika (Kosa kata)	Metrology and measurement. Physical phenomena (Vocabularies)
01.040.19	Pengujian (Kosa kata)	Testing (Vocabularies)
01.040.21	Sistem mekanika dan komponen untuk penggunaan umum	Mechanical systems and components for general use
01.040.23	Sistem fluida dan komponen untuk penggunaan umum (Kosa kata)	Fluid systems and components for general use (Vocabularies)
01.040.25	Rekayasa manufaktur (Kosa kata)	Manufacturing engineering (Vocabularies)
01.040.27	Rekayasa energi dan pemindahan panas (Kosa kata)	Energy and heat transfer engineering (Vocabularies)
01.040.29	Rekayasa listrik (Kosa kata)	Electrical engineering (Vocabularies)
01.040.31	Elektronika (Kosa kata)	Electronics (Vocabularies)
01.040.33	Telekomunikasi (Kosa kata)	Telecommunications (Vocabularies)
01.040.35	Teknologi informasi. Peralatan kantor (Kosa kata)	Information technology. Office equipment (Vocabularies)
01.040.37	Teknologi gambar (Kosa kata)	Image technology (Vocabularies)
01.040.39	Mekanika presisi. Perhiasan (Kosa kata)	Precision mechanics. Jewellery (Vocabularies)
01.040.43	Rekayasa kendaraan jalan raya (Kosa kata)	Road vehicle engineering (Vocabularies)
01.040.45	Rekayasa perkeretaapian (Kosa kata)	Railway engineering (Vocabularies)
01.040.47	Bangunan kapal dan Konstruksi kapal (Kosa kata)	Shipbuilding and marine structures (Vocabularies)
01.040.49	Rekayasa pesawat udara dan kendaraan ruang angkasa	Aircraft and space vehicle engineering (Vocabularies)
01.040.53	Peralatan penanganan bahan (Kosa kata)	Materials handling equipment (Vocabularies)
01.040.55	Pengemasan dan distribusi barang (Kosa kata)	Packaging and distribution of goods (Vocabularies)
01.040.59	Teknologi tekstil dan kulit (Kosa kata)	Textile and leather technology (Vocabularies)
01.040.61	Industri pakaian (Kosa kata)	Clothing industry (Vocabularies)
01.040.65	Pertanian (Kosa kata)	Agriculture (Vocabularies)
01.040.67	Teknologi pangan (Kosa kata)	Food technology (Vocabularies)
01.040.71	Teknologi kimia (Kosa kata)	Chemical technology (Vocabularies)
01.040.73	Pertambangan dan mineral (Kosa kata)	Mining and minerals (Vocabularies)
01.040.75	Petroleum dan teknologi terkait (Kosa kata)	Petroleum and related technologies (Vocabularies)
01.040.77	Metalurgi (Kosa kata)	Metallurgy (Vocabularies)
01.040.79	Teknologi kayu (Kosa kata)	Wood technology (Vocabularies)
01.040.81	Industri gelas dan keramik (Kosa kata)	Glass and ceramics industries (Vocabularies)
01.040.83	Industri karet dan plastik (Kosa kata)	Rubber and plastics industries (Vocabularies)
01.040.85	Teknologi kertas (Kosa kata)	Paper technology (Vocabularies)
01.040.87	Industri cat dan warna (Kosa kata)	Paint and colour industries (Vocabularies)
01.040.91	Bahan konstruksi dan bangunan (Kosa kata)	Construction and building materials (Vocabularies)
01.040.93	Rekayasa sipil (Kosa kata)	Civil engineering (Vocabularies)
01.040.95	Rekayasa militer (Kosa kata)	Military engineering (Vocabularies)

01.040.97	Rumah tangga. Hiburan. Olah raga. (Kosa kata)	Housekeeping. Entertainment. Sports (Vocabularies)
01.060	Besaran dan satuan	Quantities and units
01.070	Kode warna	Colour coding
01.075	Simbol karakter	Character symbols
01.080	Simbol grafis	Graphical symbols
01.080.01	Simbol grafis secara umum	Graphical symbols in general
01.080.10	Simbol grafis umum	Public graphical symbols
01.080.20	Simbol grafis yang digunakan pada peralatan khusus	Graphical symbols for use on specific equipment
01.080.30	Simbol grafis yang digunakan dalam gambar teknik	Graphical symbols for use on technical drawings
01.080.40	Simbol grafis yang digunakan dalam gambar rekayasa kelistrikan dan elektronik, diagram, chart dalam dokumen produk teknik yang berkaitan	Graphical symbols for use on electrical and electronics engineering drawings, diagram, charts and in relevant technical product documentation
01.080.50	Simbol grafis yang digunakan dalam teknologi informasi dan gambar teknis telekomunikasi dan dokumentasi produk teknis lain yang berkaitan	Graphical symbols for use on information technology and telecommunication technical drawings and in relevant technical product document
01.080.99	Simbol grafis lainnya	Other graphical symbols
01.100	Gambar teknik	Technical drawings
01.100.01	Gambar teknik secara umum	Technical drawings in general
01.100.20	Gambar teknik mesin	Mechanical engineering drawings
01.100.25	Gambar rekayasa kelistrikan dan elektronik	Electrical and electronics engineering drawings
01.100.27	Gambar teknik untuk bidang telekomunikasi dan teknologi informasi	Technical drawings for telecommunications and information technology fields
01.100.30	Gambar konstruksi	Construction drawings
01.100.40	Peralatan gambar	Drawing equipment
01.100.99	Standar lain yang berkaitan dengan gambar teknik	Other standards related to technical drawings
01.110	Dokumentasi produk teknik	Technical product documentation
01.120	Standardisasi. Peraturan umum	Standardization. General rules
01.140	Ilmu informasi. Penerbitan	Information sciences. Publishing
01.140.10	Penulisan dan transliterasi	Writing and transliteration
01.140.20	Ilmu informasi	Information sciences
01.140.30	Dokumen tentang administrasi, perdagangan dan industri	Documents in administration, commerce and industry
01.140.40	Penerbitan	Publishing

03	SOSIOLOGI. JASA. ORGANISASI DAN MANAJEMEN PERUSAHAAN	SOCIOLOGY. SERVICES.COMPANY AND MANAGEMENT ORGANIZATION
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03.020	Sosiologi. Demografi	Sociology. Demography
03.040	Tenaga kerja. Pekerjaan	Labour. Employment
03.060	Keuangan. Perbankan. Sistem moneter. Asuransi	Finances. Banking. Monetary systems. Insurance
03.080	Jasa	Services
03.080.01	Jasa secara umum	Services in general
03.080.10	Jasa industri	Industrial services
03.080.20	Jasa bagi perusahaan	Services for companies
03.080.30	Jasa bagi konsumen	Services for consumers
03.080.99	Jasa lainnya	Other services
03.100	Organisasi dan manajemen perusahaan	Company organization and management
03.100.01	Organisasi dan manajemen perusahaan secara umum	Company organization and management in general
03.100.10	Pembelian. Pengadaan. Manajemen	Purchasing. Procurement. Management of stock

	persediaan	
03.100.20	Perdagangan. Fungsi komersial. Pemasaran	Trade. Commercial function. Marketing
03.100.30	Manajemen sumber daya manusia	Management of human resources
03.100.40	Penelitian dan pengembangan	Research and development
03.100.50	Produksi. Manajemen produksi	Production. Production management
03.100.60	Akuntansi	Accountancy
03.100.99	Standar lainnya yang berkaitan dengan organisasi dan manajemen perusahaan	Other standars related to company organization and management
03.120	Mutu	Quality
03.120.01	Mutu secara umum	Quality in general
03.120.10	Manajemen mutu dan jaminan mutu	Quality management and quality assurance
03.120.20	Sertifikasi produk dan perusahaan Penilaian kesesuaian	Product and company certification. Conformity assessment
03.120.30	Aplikasi metode statistik	Application of statistical methods
03.120.99	Standar lainnya yang berkaitan dengan mutu	Other standards related to quality
03.140	Paten. Hak milik intelektual	Patents. Intellectual property
03.160	Hukum. Administrasi	Law. Administration
03.180	Pendidikan	Education
03.200	Waktu luang. Pariwisata	Leisure. Tourism
03.220	Transportasi	Transport
03.220.01	Transportasi secara umum	Transport in general
03.220.20	Transportasi jalan raya	Road transport
03.220.30	Transportasi melalui rel	Transport by rail
03.220.40	Transportasi melalui air	Transport by water
03.220.50	Transportasi udara	Air transport
03.220.99	Bentuk lain dari transportasi	Other shape from transportation
03.240	Jasa pos	Postal services

07	MATEMATIKA. ILMU PENGETAHUAN ALAM	MATHEMATICS. NATURAL SCIENCES
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07.020	Matematika	Mathematics
07.030	Fisika. Kimia	Phisics. Chemistry
07.040	Astronomi. Geodesi. Geografi	Astronomy. Geodesy. Geography
07.060	Geologi. Meteorologi. Hidrologi	Geology. Meteorology. Hydrology
07.080	Biologi. Ilmu tumbuh-tumbuhan. Ilmu hewan	Biology. Botany. Zoology
07.100	Mikrobiologi	Microbiology
07.100.01	Mikrobiologi secara umum	Microbiology in general
07.100.10	Mikrobiologi medis	Medical microbiology
07.100.20	Mikrobiologi air	Microbiology of water
07.100.30	Mikrobiologi makanan	Food microbiology
07.100.99	Standar lainnya yang berkaitan dengan mikrobiologi	Other standards related to microbiology

11	TEKNOLOGI PERAWATAN KESEHATAN	HEALTH CARE TECHNOLOGY
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11.020	Ilmu kedokteran secara umum	Medical sciences in general
11.040	Peralatan medis	Medical equipment
11.040.01	Peralatan medis secara umum	Medical equipment in general
11.040.10	Peralatan anaesthesia, pernapasan dan menghidupkan	Anaesthetic, respiratory and reanimation equipment
11.040.20	Peralatan transfusi, infus dan injeksi	Transfusion, infusion and injection equipment
11.040.30	Alat bedah dan bahan	Surgical instruments and materials
11.040.40	Penanaman untuk pembedahan prostata dan ortotik	Implants for surgery, prosthetics and orthotics
11.040.50	Peralatan radiografi dan diagnosa lainnya	Radiographic and other diagnostic equipment
11.040.55	Peralatan diagnostik	Diagnostic equipment

11.040.60	Peralatan terapi	Therapy equipment
11.040.70	Peralatan kedokteran mata	Ophthalmic equipment
11.040.99	Peralatan medis lainnya	Other medical equipment
11.060	Kedokteran gigi	Dentistry
11.060.01	Kedokteran gigi secara umum	Dentistry in general
11.060.10	Bahan gigi	Dental materials
11.060.15	Penanaman gigi	Dental implants
11.060.20	Peralatan kedokteran gigi	Dental equipment
11.060.25	Instrumen peralatan kedokteran gigi	Dental instrument
11.080	Sterilisasi	Sterilization
11.100	Ilmu kedokteran laboratorium	Laboratory medicine
11.120	Farmasi	Pharmaceutics
11.120.01	Farmasi secara umum	Pharmaceutics in general
11.120.10	Obat	Medicine
11.120.20	Bahan obat	Medicine materials
11.120.99	Standar lainnya yang berkaitan dengan farmasi	Other standards related to pharmaceutics
11.140	Peralatan rumah sakit	Hospital equipment
11.160	Pertolongan pertama	First aid
11.180	Pertolongan untuk penyandang cacat	Aids for disabled or handicapped persons
11.180.01	Pertolongan untuk penyandang cacat secara umum	Aids for disabled and handicapped persons in general
11.180.10	Pertolongan dan adaptasi untuk pergerakan	Aids and adaption for moving
11.180.20	Pertolongan untuk otonomi dan pertarikan	Aids for ostonomy and incontinence
11.180.30	Pertolongan dan adaptasi untuk untuk membaca	Aids and adaptations for reading
11.180.40	Pertolongan untuk minum dan makan	Aids for drinking and eating
11.180.99	Standar lain yang berhubungan dengan pertolongan untuk penyandang cacat	Other standards related to aids for disabled and handicapped people
11.200	Keluarga berencana Kontraseptif mekanis	Birth control. Mechanical contraceptives
11.220	Kedokteran hewan	Veterinary medicine
13	PERLINDUNGAN LINGKUNGAN DAN KESEHATAN. KESELAMATAN	ENVIRONMENT AND HEALTH PROTECTION. SAFETY
13.020	Perlindungan lingkungan secara umum	Environment protection in general
13.020.10	Pengendalian lingkungan	Environmental management
13.020.50	Ekolabel	Ecolabelling
13.020.60	Siklus hidup produk	Product life cycle
13.030	Limbah	Wastes
13.030.01	Limbah secara umum	Wastes in general
13.030.10	Limbah padat	Solid waste
13.030.20	Limbah cair. Lumpur	Liquid wastes. Sludge
13.030.30	Limbah khusus	Special wastes
13.030.40	Instalasi dan peralatan untuk pembuangan dan pengolahan limbah	Installations and equipment for waste disposal and treatment
13.030.50	Pengolahan kembali	Recycling
13.030.99	Standar lain yang berkaitan dengan limbah	Other standards related to wastes
13.040	Kualitas udara	Air quality
13.040.01	Kualitas udara secara umum	Air quality in general
13.040.20	Atmosfir ambien	Ambient atmospheres
13.040.30	Atmosfir tempat kerja	Workplace atmospheres
13.040.35	Ruang bersih dan alat-alat pengendali lingkungan yang terkait	Cleanrooms and associated controlled environments
13.040.40	Emisi sumber tak bergerak	Stationary source emissions
13.040.50	Emisi buangan transportasi	Transport exhaust emissions
13.040.99	Standar lainnya yang berkaitan dengan kualitas udara	Other standards related to air quality

13.060	Kualitas air	Water quality
13.060.01	Kualitas air secara umum	Water quality in general
13.060.10	Air dari sumber alam	Water of natural resources
13.060.20	Air minum	Drinking water
13.060.25	Air untuk penggunaan industri	Water for industrial use
13.060.30	Air buangan	Sewage water
13.060.45	Pengujian air secara umum	Examination of water in general
13.060.50	Pengujian kandungan kimia dalam air	Examination of water for chemical substances
13.060.60	Pengujian sifat fisik air	Examination of physical properties of water
13.060.99	Standar lainnya yang berkaitan dengan kualitas air	Other standards related to water quality
13.080	Kualitas tanah. Pedologi	Soil quality. Pedology
13.080.01	Kualitas tanah dan pedologi secara umum	Soil quality and pedology in general
13.080.05	Pengujian tanah secara umum	Examination of soils in general
13.080.10	Karakteristik kimia tanah	Chemical characteristics of soils
13.080.20	Sifat fisik tanah	Physical properties of soils
13.080.30	Sifat biologis tanah	Biological properties of soils
13.080.40	Sifat hidrologis tanah	Hydrologies properties of soils
13.080.99	Standar lain yang berhubungan dengan kualitas tanah	Other standards related to soil quality
13.100	Keselamatan kerja. Higiene industri	Occupational safety. Industrial hygiene
13.110	Keamanan permesinan	Safety of machinery
13.120	Keselamatan rumah tangga	Domestic safety
13.140	Bunyi yang berhubungan dengan manusia	Noise with respect to human beings
13.160	Getaran dan kejutan yang berhubungan dengan manusia	Vibration and shock with respect to human beings
13.180	Ergonomi	Ergonomics
13.200	Kecelakaan dan pengendalian bencana	Accident and disaster control
13.220	Perlindungan terhadap kebakaran	Protection against fire
13.220.01	Perlindungan terhadap kebakaran secara umum	Protective against fire in general
13.220.10	Pemadaman kebakaran	Fire-fighting
13.220.20	Perlindungan kebakaran	Fire-protection equipment
13.220.40	Sifat mampu nyala dan bakar dari bahan dan produk	Ignitability and burning behaviour of materials and products
13.220.50	Ketahanan api dari bahan dan elemen bangunan	Fire-resistance of building materials and elements
13.220.99	Standar lainnya yang berkaitan dengan perlindungan	Other standards related to fire protection
13.230	Perlindungan ledakan	Explosion protection
13.240	Perlindungan terhadap tekanan berlebihan	Protection against excessive pressure
13.260	Perlindungan terhadap kejutan listrik	Protection against electric shock
13.280	Perlindungan terhadap radiasi	Radiation protection
13.300	Perlindungan terhadap barang berbahaya	Protection against dangerous goods
13.310	Perlindungan terhadap kejahatan	Protection against crime
13.320	Alarm dan sistem tanda bahaya	Alarm and warning systems
13.340	Peralatan pelindung	Protective equipment
13.340.01	Peralatan pelindung secara umum	Protective equipment in general
13.340.10	Pakaian pelindung	Protective clothing
13.340.20	Alat pelindung kepala	Head protective equipment
13.340.30	Alat pelindung pernafasan	Respiratory protective devices
13.340.99	Peralatan pelindung lainnya	Other protective equipment
17	METROLOGI DAN PENGUKURAN. FENOMENA FISIKA	METROLOGY AND MEASUREMENT. PHYSICAL PHENOMENA

17.020	Metrologi dan pengukuran secara umum	Metrology and measurement in general
17.040	Pengukuran panjang dan sudut	Linear and angular measurements
17.040.01	Pengukuran panjang dan sudut secara umum	Linear and angular measurements in general
17.040.10	Batas dan suaian	Limits and fits
17.040.20	Sifat-sifat permukaan	Properties of surfaces
17.040.30	Alat ukur	Measuring instruments
17.040.99	Standar lainnya yang berkaitan dengan pengukuran panjang dan sudut	Other standards related to linear and angular measurement
17.060	Pengukuran volume, masa, kerapatan, viskositas	Measurement of volume, mass, density, viscosity
17.080	Pengukuran waktu kecepatan akselerasi kecepatan sudut	Measurement of time, velocity, acceleration, angular
17.100	Pengukuran gaya berat dan tekanan	Measurement of force, weight and pressure
17.120	Pengukuran aliran fluida	Measurement of fluid flow
17.120.01	Pengukuran aliran fluida pada umumnya	Measurement of fluid flow in general
17.120.10	Aliran dalam saluran tertutup	Flow in closed conduits
17.120.20	Aliran dalam saluran terbuka	Flow in open channels
17.140	Akustik dan pengukuran akustik	Acoustics and acoustic measurements
17.140.01	Pengukuran akustik dan pengurangan bunyi secara umum	Acoustics measurements and noise abatement in general
17.140.20	Bunyi yang di keluarkan oleh mesin dan peralatan	Noise emitted by machines and equipment
17.140.30	Bunyi yang dikeluarkan oleh alat transportasi	Noise emitted by means of transport
17.140.50	Elektroakustik	Electroacoustics
17.140.99	Standar lainnya yang berkaitan dengan akustik	Other standards related to acoustics
17.160	Getaran, kejutan dan pengukuran getaran	Vibrations, shock and vibration measurements
17.180	Optik dan pengukuran optik	Optics and optical measurements
17.180.01	Optik dan pengukuran optik secara umum	Optics and optical measurements
17.180.20	Warna dan pengukuran cahaya	Colours and measurement of light
17.180.30	Alat ukur optik	Optical measuring instruments
17.180.99	Standar lain yang berkaitan dengan optik dan pengukuran optik	Other standards related to optics and optical measurements
17.200	Termodinamika dan pengukuran suhu	Thermodynamics and temperature measurements
17.200.01	Termodinamika secara umum	Thermodynamics in general
17.200.10	Panas. Kalorimetri	Heat. Calorimetry
17.200.20	Alat pengukuran suhu	Temperature-measuring instruments
17.200.99	Standar lain yang berkaitan dengan termodinamika	Other standards related to thermodynamics
17.220	Listrik. Magnetisme. Pengukuran listrik dan magnet	Electricity. Magnetism. Electrical and magnetic measurements
17.220.01	Listrik. Magnetisme. Aspek umum	Electricity. Magnetism. General aspects
17.220.20	Pengukuran besaran listrik dan magnet	Measurement of electrical and magnetic quantities
17.220.99	Standar lainnya yang berkaitan dengan listrik dan	Other standards related to electricity and magnetism
17.240	Pengukuran radiasi	Radiation measurements
19	PENGUJIAN	TESTING
19.020	Kondisi dan prosedur pengujian secara umum	Test conditions and procedures in general
19.040	Pengujian lingkungan	Environmental testing
19.060	Pengujian mekanika	Mechanical testing

19.080	Pengujian listrik dan elektronik	Electrical and electronic test and measuring equipment
19.100	Pengujian tanpa merusak	Non-destructive testing
19.120	Analisis ukuran partikel Pengayakan	Particle size analysis. Sieving
21	SISTEM MEKANIKA DAN KOMPONEN UNTUK PENGGUNAAN UMUM	MECHANICAL SYSTEMS AND COMPONENTS FOR GENERAL USE
21.020	Karakteristik dan desain mesin, aparat, peralatan	Characteristics and design of machines, apparatus, equipment
21.040	Ulir sekerup	Screw threads
21.040.01	Ulir sekerup secara umum	Screw threads in general
21.040.10	Ulir sekerup metrik	Metric screw threads
21.040.20	Ulir sekerup inci	Inch screw threads
21.040.30	Ulir sekerup khusus	Special screw threads
21.060	Pengencang	Fasteners
21.060.01	Pengencang secara umum	Fasteners in general
21.060.10	Baut sekerup baut tap	Bolts, screws, studs
21.060.20	Mur	Nuts
21.060.30	Cincin penutup, elemen pengunci	Washers, locking elements
21.060.40	Paku keling	Rivets
21.060.50	Pin, paku	Pins, nails
21.060.60	Cincin, bus, selongsong, kerah	Rings, bushes, sleeves, collars
21.060.70	Sekerup jepitan dan stapel	Clamps and staples
21.060.99	Pengencang lainnya	Other fasteners
21.080	Engsel, lubang tali dan sambungan lainnya	Hinges, eyelets and other articulated joints
21.100	Bantalan	Bearings
21.100.01	Bantalan secara umum	Bearings in general
21.100.10	Bantalan datar	Plain bearings
21.100.20	Bantalan gelinding	Rolling bearings
21.120	Poros dan kopling	Shafts and couplings
21.120.01	Poros dan kopling secara umum	Shafts and couplings in general
21.120.10	Poros	Shafts
21.120.20	Kopling	Couplings
21.120.30	Kunci dan alur-pasak, pasak	Keys and keyways, splines
21.120.40	Pembalans dan mesin pembalans	Balancing and balancing machines
21.120.99	Standar lainnya yang berkaitan dengan poros dan kopling	Other standards related to shafts and couplings
21.140	Segel, gelang penekan	Seals, glands
21.160	Pegas	Springs
21.180	Rumah, selungkup dan suku cadang mesin lainnya	Housings, enclosures, other machine parts
21.200	Roda gigi	Gears
21.220	Penggerak fleksibel dan transmisi	Flexible drives and transmissions
21.220.01	Penggerak fleksibel dan transmisi secara umum	Flexible drives and transmissions in general
21.220.10	Penggerak sabuk dan komponennya	Belt drives and their components
21.220.20	Penggerak kabel atau tali dan komponennya	Cable or rope drives and their components
21.220.30	Penggerak rantai dan komponennya	Chain drives and their components
21.220.99	Penggerak fleksibel dan transmisi lainnya	Other flexible drives and transmissions
21.240	Mekanisme torak berputar dan suku cadangnya	Rotary-reciprocating mechanisms and their parts
21.260	Sistem pelumas	Lubrication systems

23	SISTEM FLUIDA DAN KOMPONEN UNTUK PENGGUNAAN UMUM	FLUID SYSTEMS AND COMPONENTS FOR GENERAL USE
23.020	Alat penyimpanan fluida	Fluid storage devices
23.020.01	Alat penyimpan fluida secara umum	Fluid storage devices in general
23.020.10	Wadah dan tanki tidak bergerak	Stationary containers and tanks
23.020.20	Bejana dan wadah yang di pasang dalam kendaraan	Vessels and containers mounted on vehicles
23.020.30	Bejana tekan, tabung gas	Pressure vessels, gas cylinders
23.020.99	Alat penyimpan fluida lainnya	Other fluid storage devices
23.040	Komponen saluran pipa dan saluran pipa	Pipeline components and pipelines
23.040.01	Komponen saluran pipa dan saluran pipa secara umum	Pipeline components and pipelines in general
23.040.10	Pipa besi dan baja	Iron and steel pipes
23.040.15	Pipa logam bukan besi	Non-ferrous metal pipes
23.040.20	Pipa plastik	Plastics pipes
23.040.40	Penyambung logam	Metal fittings
23.040.45	Penyambung plastik	Plastics fittings
23.040.50	Pipa dan Penyambung pipa dari bahan lain	Pipes and fittings of other materials
23.040.60	Flensa kopling dan Penyambung	Flanges, couplings and joints
23.040.70	Selang dan perangkat selang	Hoses and hose assemblies
23.040.80	Segel untuk perangkat pipa dan selang	Seals for pipe and hose assemblies
23.040.99	Komponen saluran pipa lainnya	Other pipelines components
23.060	Katup	Valves
23.060.01	Katup secara umum	Valves in general
23.060.10	Katup globa	Globe valves
23.060.20	Katup bola dan sumbat	Ball and plug valves
23.060.30	Katup pintu	Gate valves
23.060.40	Regulator tekanan	Pressure regulators
23.060.50	Katup periksa	Check valves
23.060.99	Katup lainnya	Other valves
23.080	Pompa	Pumps
23.100	Sistem daya fluida	Fluid power systems
23.100.01	Sistem daya fluida secara umum	Fluid power systems in general
23.100.10	Pompa dan motor	Pumps and motors
23.100.20	Silinder	Cylinders
23.100.30	Perpipaan, kopling, katup dan saringan	Piping, couplings, valves and filters
23.100.40	Mesin pneumatik dan kompresor	Compressors and pneumatic machines
23.100.99	Komponen sistem daya fluida lainnya	Other fluid power systems components
23.120	Ventilasi, Kipas angin, Pengatur udara	Ventilators. Fans. Air-conditioners
23.140	Kompresor dan mesin pneumatik	Compressors and pneumatic machines
23.160	Teknologi vakum	Vacuum technology
23.160	Teknologi hampa udara	Vacuum technology
25	REKAYASA MANUFAKTUR	MANUFACTURING ENGINEERING
25.020	Proses pembentukan manufaktur	Manufacturing forming processes
25.040	Sistem otomasi industri	Industrial automation systems
25.040.01	Sistem otomasi industri secara umum	Industrial automation systems in general
25.040.10	Pusat permesinan	Machining centres
25.040.20	Mesin kontrol numerik	Numerically controlled machines
25.040.30	Robot industrial. Manipulator	Industrial robots. Manipulators
25.040.40	Pengukuran proses industri dan kontrol	Industrial process measurement and control
25.040.99	Sistem otomasi industri lainnya	Other industrial automation systems
25.060	Sistem mesin perkakas	Machine tools systems
25.060.01	Sistem mesin perkakas secara umum	Machine tools systems in general
25.060.10	Unit modular dan peralatan lain	Modular units and other devices
25.060.20	Alat pembagi dan pemegang benda kerja	Dividing and tool-workpiece holding devices

	perkakas		
25.060.99	Sistem mesin perkakas lainnya		Other machine tools systems
25.080	Mesin perkakas		Machine tools
25.080.01	Mesin perkakas secara umum		Machine tools in general
25.080.10	Pahat bubut		Lathes
25.080.20	Mesin gerak dan mesin fris		Boring and milling machines
25.080.25	Mesin ketam		Planing machines
25.080.30	Mesin peluas lubang		Broaching machines
25.080.40	Mesin bor		Drilling machines
25.080.50	Mesin asah dan poles		Grinding and polishing machines
25.080.60	Mesin gergaji		Sawing machines
25.080.99	Perkakas mesin lainnya		Other machine tools
25.100	Perkakas potong		Cutting tools
25.100.01	Perkakas potong secara umum		Cutting tools in general
25.100.10	Perkakas putar		Turning tools
25.100.20	Perkakas fris		Milling tools
25.100.25	Perkakas untuk mesin ketam dan mesin peluas lubang		Tools for planing and broaching machines
25.100.30	Bor, gerak pembenam, bor peluas		Drills, countersinks, reamers
25.100.40	Gergaji		Saws
25.100.50	Tap dan pemotong berulir		Taps and threading dies
25.100.60	Kikir		Files
25.100.70	Bahan asah		Abrasives
25.100.99	Perkakas potong lainnya		Other cutting tools
25.120	Peralatan kerja tanpa bilah		Chipless working equipment
25.120.01	Peralatan kerja tanpa bilah secara umum		Chipless working equipment in general
25.120.10	Peralatan tempa. Pemampat. Gunting baja		Forging equipment. Presses. Shears
25.120.20	Peralatan rol, ekstruding dan tarik		Rolling, extruding and drawing equipment
25.120.30	Peralatan cetakan		Moulding equipment
25.120.40	Mesin elektrokimia		Electrochemical machines
25.120.99	Peralatan kerja tanpa bilah lainnya		Other chipless working equipment
25.140	Perkakas pegang-tangan		Hand-held tools
25.140.01	Perkakas pegang-tangan secara umum		Hand-held tools in general
25.140.10	Perkakas pneumatik		Pneumatic tools
25.140.20	Perkakas listrik		Electric tools
25.140.30	Perkakas yang dioperasikan dengan tangan		Hand-operated tools
25.140.99	Perkakas yang dioperasikan dengan tangan lainnya		Other hand-held tools
25.160	Pengelasan, penyepuhan dan pematrian		Welding, brazing and soldering
25.160.01	Pengelasan, penyepuhan, dan pematrian secara umum		Welding, brazing and soldering in general
25.160.10	Proses pengelasan		Welding processes
25.160.20	Yang dapat dipakai mengelas		Welding consumables
25.160.30	Peralatan pengelasan		Welding equipment
25.160.40	Kampuh las		Welded joints
25.160.50	Penyepuhan dan pematrian		Brazing and soldering
25.180	Tungku industri		Industrial furnaces
25.180.01	Tungku industri secara umum		Industrial furnaces in general
25.180.10	Tungku listrik		Electric furnaces
25.180.20	Tungku bahan bakar		Fuel furnaces
25.200	Perlakuan panas		Heat treatment
25.220	Perlakuan permukaan dan pelapisan		Surface treatment and coating
25.220.01	Perlakuan panas dan pelapisan secara umum		Surface treatment and coating in general
25.220.10	Penyiapan permukaan		Surface preparation
25.220.20	Perlakuan permukaan		Surface treatment
25.220.40	Pelapisan logam		Metallic coatings
25.220.50	Email		Enamels
25.220.60	Pelapisan organik		Organic coatings

25.220.99	Perlakuan permukaan dan pelapisan lainnya	Other surface treatment and coating
27	REKAYASA ENERGI DAN PEMINDAHAN PANAS	ENERGY AND HEAT TRANSFER ENGINEERING
27.010	Rekayasa energi dan pemindahan panas secara umum	Energy and heat transfer engineering in general
27.020	Motor bakar	Internal combustion engines
27.040	Turbin gas dan turbin uap. Mesin uap	Gas and steam turbines. Steam engines
27.060	Pembakar. Ketel	Burners. Boilers
27.060.01	Pembakar dan ketel secara umum	Burners and boilers in general
27.060.10	Pembakar bahan bakar cair dan padat	Liquid and solid fuel burners
27.060.20	Pembakar bahan bakar gas	Gas fuel burners
27.060.30	Ketel dan penukar panas	Boilers and heat exchangers
27.080	Pompa kalor	Heat pumps
27.100	Pusat tenaga secara umum	Power stations in general
27.120	Rekayasa energi nuklir	Nuclear energy engineering
27.120.01	Energi nuklir secara umum	Nuclear energy in general
27.120.10	Rekayasa reaktor	Reactor engineering
27.120.20	Pusat tenaga nuklir Keselamatan	Nuclear power plants. Safety
27.120.30	Bahan dapat di belah	Fissile materials
27.120.99	Standar lain yang berkaitan dengan energi nuklir	Other standards related to nuclear energy
27.140	Rekayasa energi hidrolik	Hydraulic energy engineering
27.160	Rekayasa energi surya	Solar energy engineering
27.180	Turbin angin dan sumber energi alternatif lainnya	Wind turbines and other alternative sources of energy
27.200	Teknologi pendingin	Refrigerating technology
27.220	Takal panas Penyekat panas	Heat recovery. Thermal insulation
29	REKAYASA LISTRIK	ELECTRICAL ENGINEERING
29.020	Rekayasa listrik secara umum	Electrical engineering in general
29.030	Bahan magnetik	Magnetic materials
29.035	Bahan isolasi	Insulating materials
29.035.01	Bahan isolasi secara umum	Insulating materials in general
29.035.10	Bahan isolasi kertas dan karton	Paper and board insulating materials
29.035.20	Bahan isolasi plastik dan karet	Plastics and rubber insulating materials
29.035.30	Bahan isolasi gelas dan keramik	Glass and ceramic insulating materials
29.035.40	Minyak isolasi	Insulating oils
29.035.99	Bahan isolasi lainnya	Other insulating materials
29.040.01	Isolasi bahan basah pada umumnya	Insulating fluids in general
29.040.20	Isolasi bahan gas	Insulating gases
29.045	Bahan semikonduktor	Semi-conducting materials
29.050	Bahan penghantar	Conducting materials
29.060	Kawat dan kabel listrik	Electrical wires and cables
29.060.01	Kawat dan kabel listrik secara umum	Electrical wires and cables in general
29.060.10	Kawat	Wires
29.060.20	Kabel	Cables
29.080	Isolasi	Insulation
29.080.01	Isolasi listrik secara umum	Electrical insulation in general
29.080.10	Isolator	Insulators
29.080.20	Paking	Bushings
29.080.30	Sistem isolasi	Insulation systems
29.080.99	Standar lain yang berkaitan dengan isolasi	Other standard related to insulating
29.100	Komponen untuk peralatan listrik	Components for electrical equipment

29.100.01	Komponen untuk peralatan listrik secara umum	Components for electrical equipment in general
29.100.10	Komponen magnetik	Magnetic components
29.100.20	Komponen listrik dan elektromekanik	Electric and electromechanical components
29.100.99	Komponen listrik lainnya	Other electrical components
29.120	Lengkapan listrik	Electrical accessories
29.120.01	Lengkapan listrik secara umum	Electrical accessories in general
29.120.10	Pipa saluran untuk keperluan listrik	Conduits for electrical purposes
29.120.20	Alat sambung	Connecting devices
29.120.30	Tusuk kontak, kotak kontak, perangkai	Plugs, socket-outlets, couplers
29.120.40	Sakelar	Switches
29.120.50	Sekering dan alat proteksi arus lebih lainnya	Fuses and other overcurrent protection devices
29.120.60	Papan hubung bagi dan kendali	Switchgear and controlgear
29.120.70	Relai	Relays
29.120.99	Lengkapan listrik lainnya	Other electrical accessories
29.130.10	Peralatan pengontrol penghubung dan hubung bagi tegangan tinggi	High voltage switchgear and controlgear
29.130.20	Peralatan pengontrol penghubung dan hubung bagi tegangan rendah	Low voltage switchgear and controlgear
29.140	Lampu dan peralatan yang berkaitan	Lamps and related equipment
29.140.01	Lampu secara umum	Lamps in general
29.140.10	Lambung lampu dan gagang lampu	Lamp caps and holders
29.140.20	Lampu pijar	Incandescent lamps
29.140.30	Lampu fluoresen	Fluorescent lamps. Discharge lamps
29.140.40	Luminer	Luminaires
29.140.99	Standar lain yang berkaitan dengan lampu	Other standards related to lamps
29.160	Mesin berputar	Rotating machinery
29.160.01	Mesin berputar secara umum	Rotating machinery in general
29.160.10	Komponen untuk mesin berputar	Components for rotating machines
29.160.20	Generator	Generators
29.160.30	Motor	Motors
29.160.40	Generator set	Generating sets
29.160.99	Standar lain yang berkaitan dengan mesin berputar	Other standards related to rotating machinery
29.180	Transformator Reaktor	Transformers. Reactors
29.200	Penyearah. Konvertor. Suplai tenaga yang distabilkan	Rectifiers. Converters. Stabilized power supply
29.220	Sel galvanis dan batere	Galvanic cells and batteries
29.220.01	Sel galvanis dan batere secara umum	Galvanic cells and batteries in general
29.220.10	Sel dan batere primer	Primary cells and batteries
29.220.20	Sel dan batere sekunder asam	Acid secondary cells and batteries
29.220.30	Sel dan batere sekunder alkali	Alkaline secondary cells and batteries
29.220.99	Sel dan batere lainnya	Other cells and batteries
29.240	Jaringan distribusi tenaga	Power distribution networks
29.240.01	Jaringan distribusi dan transmisi tenaga	Power transmission and distribution networks in general
29.240.01	Jaringan distribusi tenaga secara umum	Power distribution networks in general
29.240.10	Substasiun listrik Penangkal petir	Substations. Surge arresters
29.240.20	Saluran distribusi tenaga	Power distribution lines
29.240.30	Peralatan kendali untuk sistem tenaga listrik	Control equipment for electric power systems
29.240.99	Peralatan lain yang berkaitan dengan jaringan distribusi	Other equipment related to power distribution network
29.260	Peralatan listrik untuk bekerja dalam kondisi khusus	Electrical equipment for working in special condition
29.260.01	Peralatan listrik untuk bekerja dalam kondisi khusus	Electrical equipment for working in special condition
29.260.10	Instalasi listrik untuk penggunaan di luar rumah	Electrical installations for outdoor use

29.260.20	Peralatan listrik untuk daerah yang mudah meledak	Electrical apparatus for explosive atmospheres
29.260.99	Peralatan listrik lainnya untuk bekerja pada kondisi khusus	Other electrical equipment for working in special condition
29.280	Peralatan traksi listrik	Electric traction equipment
29.300	Osilasi listrik	Electric oscillation
31	ELEKTRONIKA	ELECTRONICS
31.020	Komponen elektronik secara umum	Electronic components in general
31.040	Resistor	Resistors
31.040.01	Resistor secara umum	Resistors in general
31.040.10	Resistor tetap	Fixed resistors
31.040.20	Potensiometer, resistor variabel	Potentiometer, variable resistors
31.040.30	Termistor	Thermistors
31.040.99	Resistor lainnya	Other resistors
31.060	Kapasitor	Capacitors
31.060.01	Kapasitor secara umum	Capacitors in general
31.060.10	Kapasitor tetap	Fixed capacitors
31.060.20	Kapasitor keramik dan mika	Ceramic and mica capacitors
31.060.30	Kapasitor kertas dan plastik	Paper and plastics capacitors
31.060.40	Kapasitor elektrolitik tantalum	Tantalum electrolytic capacitors
31.060.50	Kapasitor elektrolitik aluminium	Aluminium electrolytic capacitors
31.060.60	Kapasitor variabel	Variable capacitors
31.060.70	Kapasitor tenaga	Power capacitors
31.060.99	Kapasitor lainnya	Other capacitors
31.080	Piranti semikonduktor	Semi-conductor devices
31.080.01	Piranti semikonduktor secara umum	Semi-conductor devices in general
31.080.10	Dioda	Diodes
31.080.20	Tiristor	Thyristors
31.080.30	Transistor	Transistors
31.080.99	Piranti semikonduktor lainnya	Other semi-conductor devices
31.100	Tabung elektronik	Electronic tubes
31.120	Alat peraga elektronik	Electronic display devices
31.140	Perangkat piezoelektrik	Piezoelectric devices
31.160	Filter elektrik	Electric filter
31.180	Rangkaian dan papan tercetak	Printed circuits and boards
31.200	Rangkaian terpadu. Mikroelektronik	Integrated circuits. Microelectronics
31.220	Komponen elektromekanik untuk peralatan elektronik dan telekomunikasi	Electromechanical components for electronic and telecommunication
31.220.01	Komponen elektromekanik secara umum	Electromechanical components in general
31.220.10	Peralatan tusuk kontak dan kotak kontak. Konektor	Plug-and-socket devices. Connectors
31.220.20	Sakelar	Switches
31.220.99	Komponen elektromekanik lainnya	Other electromechanical components
31.240	Struktur mekanis untuk peralatan elektronik	Mechanical structures for electronic equipment
31.260	Optoelektronik. Peralatan laser	Optoelectronics. Laser equipment
33	TELEKOMUNIKASI	TELECOMMUNICATIONS
33.020	Telekomunikasi secara umum	Telecommunications in general
33.040	Sistem telekomunikasi	Telecommunication systems
33.040.01	Komunikasi telepon dan telegraf secara umum	Telephone and telegraph communications in general
33.040.20	Sistem transmisi	Transmission systems
33.040.30	Sistem sakelar dan sinyal	Switching and signalling systems
33.040.35	Jaringan telepon	Telephone networks
33.040.40	Jaringan komunikasi data	Data communication networks

33.040.50	Saluran, sambungan dan sirkuit	Lines, connections and circuits
33.040.60	Peralatan telepon	Telephone equipment
33.040.70	Peralatan untuk telex teletext telefaks	Equipment for telex, teletext, telefax
33.040.99	Peralatan lain untuk komunikasi telepon dan telegraf	Other equipment for telephone and telegraph communications
33.060	Komunikasi radio	Radiocommunications
33.060.01	Komunikasi radio secara umum	Radiocommunications in general
33.060.20	Peralatan penerima dan pemancar	Receiving and transmitting equipment
33.060.30	Relai radio dan sistem komunikasi satelit	Radio relay and fixed satellite communications system
33.060.40	Sistem distribusi kabel	Cabled distribution systems
33.060.50	Jasa mobil	Mobile services
33.060.99	Peralatan lain untuk komunikasi radio	Other equipment for radiocommunications
33.080	Jaringan digital jasa terpadu ISDN	Integrated Services Digital Network (ISDN)
33.100	Interferensi elektromagnetik dan kompatibilitas elektromagnetik (EMC)	Electromagnetic interference and electromagnetic compability (EMC)
33.120	Komponen dan perlengkapan untuk peralatan telekomunikasi	Components and accessories for telecommunication equipment
33.120.01	Komponen dan perlengkapan secara umum	Components and accessories in general
33.120.10	Kabel koaksial/Kendali	Coaxial cables. Waveguides
33.120.20	Kawat dan kabel simetris	Wires and symmetrical cables
33.120.30	Alat sambung RF	R.F. connectors
33.120.40	Antena	Aerials
33.120.99	Komponen dan perlengkapan lainnya	Other components and accessories
33.140	Peralatan pengukuran khusus untuk digunakan dalam telekomunikasi	Special measuring equipment for use in telecommunication
33.160	Rekayasa audio video dan audiovisual	Audio, video and audiovisual engineering
33.160.01	Sistem audio video dan audiovisual secara umum	Audio, video and audiovisual systems in general
33.160.10	Pengeras suara	Amplifiers
33.160.20	Pesawat penerima radio dan televisi	Radio and television receivers
33.160.30	Sistem perekam suara	Sound recording systems
33.160.40	Sistem perekam video	Video recording systems
33.160.50	Lengkapan	Accessories
33.160.60	Sistem multimedia dan peralatan telekonferensi	Multimedia systems and teleconferencing equipment
33.160.99	Peralatan audio video dan audiovisual lainnya	Other audio, video and audiovisual equipment
33.180	Komunikasi serat optik	Fibre optic communications
33.180.01	Sistem serat optik secara umum	Fibre optic systems in general
33.180.10	Serat dan kabel	Fibres and cables
33.180.20	Alat interkoneksi serat optik	Fibre optic interconnecting devices
33.180.99	Peralatan serat optik lainnya	Other fibre optic equipment
33.200	Kendali jarak jauh Pengukuran jarak jauh	Telecontrol. Telemetry

35	TEKNOLOGI INFORMASI. PERALATAN KANTOR	INFORMATION TECHNOLOGY. OFFICE EQUIPMENT
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35.020	Teknologi informasi (IT) secara umum	Information technology (IT) in general
35.040	Set huruf dan pengkodean informasi	Character sets and information coding
35.060	Bahasa yang digunakan dalam teknologi informasi	Languages used in information technology
35.080	Pengembangan perangkat lunak dan dokumentasi sistem	Software development and system documentation
35.100	Interkoneksi sistem terbuka OSI	Open systems interconnection (OSI)
35.100.01	Interkoneksi sistem terbuka secara umum	Open systems interconnection in general
35.100.05	Aplikasi multi lapis	Multilayer applications
35.100.10	Lapisan fisik	Physical layer

35.100.20	Lapisan hubungan data	Data link layer
35.100.30	Lapisan jaringan	Network layer
35.100.40	Lapisan transportasi	Transport layer
35.100.50	Lapisan sesi	Session layer
35.100.60	Lapisan penyajian	Presentation layer
35.100.70	Lapisan aplikasi	Application layer
35.110	Jaringan	Networking
35.140	Grafik komputer	Computer graphics
35.160	Sistem mikroprosesor	Microprocessor systems
35.180	Terminal dan peralatan peripheral lainnya	Terminal and other peripheral equipment
35.200	Bidang pemisah dan peralatan interkoneksi	Interface and interconnection equipment
35.220	Alat penyimpanan data	Data storage devices
35.220.01	Perangkat penyimpan data secara umum	Data storage devices in general
35.220.10	Kartu dan pita kertas	Paper cards and tapes
35.220.20	Perangkat penyimpan magnetik	Magnetic storage devices
35.220.30	Perangkat penyimpan optik	Optical storage devices
35.240	Aplikasi teknologi informasi	Applications of information technology
35.240.01	Aplikasi teknologi informasi secara umum	Applications of information technology in general
35.240.10	Desain dibantu komputer CAD	Computer-aided design (CAD)
35.240.15	Kartu identifikasi dan perangkat yang berkaitan	Identification card and related devices
35.240.20	Aplikasi teknologi informasi dalam perkantoran	IT applications in office work
35.240.30	Aplikasi teknologi informasi, dokumentasi dan publikasi	IT applications in information, documentation and publication
35.240.40	Aplikasi teknologi informasi dalam perbankan	IT applications in banking
35.240.50	Aplikasi teknologi informasi di industri	IT applications in industry
35.240.60	Aplikasi teknologi informasi dalam transportasi dan perdagangan	IT applications in transport and trade
35.240.70	Aplikasi teknologi informasi dalam ilmu pengetahuan	IT applications in science
35.240.99	Aplikasi teknologi informasi dalam bidang lain	IT application in other fields
35.260	Peralatan kantor	Office equipment
35.260.01	Peralatan kantor secara umum	Office equipment in general
35.260.10	Mesin perkantoran	Office machines
35.260.20	Alat tulis menulis	Stationary
35.260.99	Peralatan kantor lainnya	Other office equipment
37	TEKNOLOGI GAMBAR	IMAGE TECHNOLOGY
37.020	Peralatan optik	Optical equipment
37.040	Fotografi	Photography
37.040.01	Fotografi secara umum	Photography in general
37.040.10	Peralatan fotografi. Projektor	Photographic equipment. Projectors
37.040.20	Kertas, film dan kartrij fotografi	Photographic paper, films and cartridges
37.040.25	Film radiografi	Radiographic films
37.040.30	Bahan kimia fotografi	Photographic chemicals
37.040.99	Standar lain yang berkaitan dengan fotografi	Other standards related to photography
37.060	Sinematografi	Cinematography
37.060.01	Sinematografi secara umum	Cinematography in general
37.060.10	Peralatan gambar hidup	Motion picture equipment
37.060.20	Film gambar hidup. Kartrij	Motion picture films. Cartridges
37.060.99	Standar lain yang berkaitan dengan sinematografi	Other standards related to cinematography
37.080	Aplikasi penggambaran dokumen	Document imaging applications
37.100	Teknologi grafis	Graphic technology
37.100.01	Teknologi grafis secara umum	Graphic technology in general
37.100.10	Peralatan reproduksi	Reproduction equipment

37.100.20	Bahan untuk teknologi grafis	Materials for graphic technology
37.100.99	Standar lainnya yang berkaitan dengan teknologi grafis	Other standards related to graphic technology
39	MEKANIKA PRESISI. PERHIASAN	PRECISION MECHANICS. JEWELLERY
39.020	Mekanika presisi	Precision mechanics
39.040	Horologi	Horology
39.040.01	Horologi secara umum	Horology in general
39.040.10	Arloji	Watches
39.040.20	Jam	Clocks
39.040.99	Alat pengukur waktu	Other time-measuring instruments
39.060	Perhiasan	Jewellery
43	REKAYASA KENDARAAN JALAN RAYA	ROAD VEHICLE ENGINEERING
43.020	Kendaraan jalan raya secara umum	Road vehicles in general
43.040	Sistem kendaraan jalan raya	Road vehicle systems
43.040.01	Sistem kendaraan jalan raya secara umum	Road vehicle systems in general
43.040.10	Peralatan listrik dan elektronika	Electrical and electronic equipment
43.040.20	Perangkat penerangan, pemberi tanda dan peringatan	Lighting, signalling and warning devices
43.040.30	Perangkat penunjuk dan pengendali	Indicating and control devices
43.040.40	Sistem rem	Braking systems
43.040.50	Transmisi, suspensi	Transmissions, suspensions
43.040.60	Badan dan komponen badan	Bodies and body components
43.040.70	Kopling	Couplings
43.040.99	Sistem kendaraan jalan raya lainnya	Other road vehicle systems
43.060	Motor bakar untuk kendaraan jalan raya	Internal combustion engines for road vehicles
43.060.01	Motor untuk kendaraan jalan raya secara umum	Internal combustion engines for road vehicles in general
43.060.10	Blok mesin dan komponen internal	Engine block and internal components
43.060.20	Sistem pemberian tekanan dan penyaluran udara / gas	Pressure charging and air exhaust / gas ducting system
43.060.30	Sistem pendingin. Sistem pelumasan	Cooling systems. Lubricating systems
43.060.40	Sistem bahan bakar	Fuel systems
43.060.50	Peralatan listrik. Sistem kendali	Electrical equipment. Control systems
43.060.99	Komponen dan sistem lain dari motor bakar	*Other components and systems of internal combustion
43.080	Kendaraan komersial	Commercial vehicles
43.080.01	Kendaraan komersial secara umum	Trucks and trailers
43.080.10	Truk dan kereta gandengan	Commercial vehicles in general
43.080.20	Bus	Buses
43.080.99	Kendaraan komersial lainnya	Other commercial vehicles
43.100	Mobil penumpang. Karavan dan kereta gandengan ringan	Passenger cars. Caravans and light trailers
43.120	Kendaraan jalan raya listrik	Electric road vehicles
43.140	Kendaraan bermotor roda dua dan moped	Motorcycles and mopeds
43.150	Sepeda	Cycles
43.160	Kendaraan untuk tujuan khusus	Special purpose vehicles
43.180	Peralatan diagnostik, pemeliharaan dan pengujian	Diagnostic, maintenance and test equipment
45	REKAYASA PERKERETAAPIAN	RAILWAY ENGINEERING
45.020	Rekayasa perkeretaapian secara umum	Railway engineering in general
45.040	Bahan dan komponen untuk rekayasa perkeretaapian	Materials and components for railway engineering
45.060	Lok dan kereta-kereta api	Railway rolling stock
45.060.10	Kereta penarik	Tractive stock

45.060.20	Kereta yang di tarik	Trailing stock
45.080	Komponen rel dan jalan rel	Rails and railway components
45.100	Peralatan lintas kabel	Cableway equipment
45.120	Peralatan untuk konstruksi dan pemeliharaan jalan	Equipment for railway/cableway construction and maintenance
47	BANGUNAN KAPAL DAN KONSTRUKSI KAPAL	SHIP BUILDING AND MARINE STRUCTURES
47.020	Bangunan dan konstruksi kapal secara umum	Shipbuilding and marine structures in general
47.020.01	Standar umum yang berkaitan dengan bangunan kapal dan konstruksi kapal	General standards related to shipbuilding and marine structures
47.020.05	Bahan dan komponen untuk perkapalan	Materials and components for shipbuilding
47.020.10	Lambung kapal dan elemen bangunannya	Hulls and their structure elements
47.020.20	Mesin kapal dan sistem pengerak	Marine engines and propolsion system
47.020.30	Sistem perpipaan	Piping systems
47.020.40	Peralatan pengangkat dan penanganan kargo	Lifting and cargo handling equipment
47.020.50	Peralatan dek dan instalasi	Deck equipment and installations
47.020.60	Peralatan listrik kapal dan bangunan kelautan	Electrical equipment of ships and of marine structure
47.020.70	Peralatan navigasi dan kontrol	Navigation and control equipment
47.020.80	Ruang akomodasi	Accommodation spaces
47.020.85	Ruang kargo	Cargo spaces
47.020.99	Standar lain yang terkait dengan bangunan kapal dan kelautan	Other standards related to shipbuilding and marine
47.040	Kapal bejana	Seagoing vessels
47.060	Bejana navigasi darat	Inland navigation vessels
47.080	Kapal kecil	Small craft
49	REKAYASA PESAWAT TERBANG DAN KENDARAAN ANGKASA	AIRCRAFT AND SPACE VEHICLE ENGINEERING
49.020	Pesawat terbang dan kendaraan angkasa secara umum	Aircraft and space vehicles in general
49.025	Bahan untuk konstruksi penerbangan	Materials for aerospace construction
49.025.01	Bahan untuk konstruksi penerbangan secara umum	Materials for aerospace construction in general
49.025.10	Baja	Steels
49.025.20	Aluminium	Aluminium
49.025.30	Titanium	Titanium
49.025.40	Karet dan plastik	Rubber and plastics
49.025.50	Perekat	Adhesives
49.025.60	Tekstil	Textiles
49.025.99	Bahan lainnya	Other materials
49.030	Pengencang untuk konstruksi penerbangan	Fasteners for aerospace construction
49.030.01	Pengencang secara umum	Fasteners in general
49.030.10	Ulir sekrup	Screw threads
49.030.20	Baut, sekrup, baut tap	Bolts, screws, studs
49.030.30	Mur	Nuts
49.030.99	Pengencang lainnya	Other fasteners
49.035	Komponen untuk konstruksi penerbangan	Components for aerospace construction
49.040	Pelapisan dan proses terkait yang digunakan di industri penerbangan	Coatings and related processes used in aerospace industries
49.045	Struktur dan elemen struktur	Structure and structure elements
49.050	Sistem mesin dan propulsi penerbangan	Aerospace engines and propulsion systems
49.060	Peralatan dan sistem listrik penerbangan	Aerospace electric equipment and systems

49.080	Sistem dan komponen fluida penerbangan dan komponen	Aerospace fluid systems and components
49.090	Peralatan dan instrumen terpasang	On-board equipment and instruments
49.100	Peralatan layanan dan pemeliharaan di darat	Ground service and maintenance equipment
49.120	Peralatan kargo	Cargo equipment
49.140	Sistem ruang dan operasi	Space systems and operations
53	PERALATAN PENANGANAN BAHAN	MATERIALS HANDLING EQUIPMENT
53.020	Peralatan pengangkat	Lifting equipment
53.020.01	Peralatan pengangkat secara umum	Lifting appliances in general
53.020.20	Keran - angkat	Cranes
53.020.30	Lengkapan untuk peralatan pengangkat	Accessories for lifting equipment
53.020.99	Peralatan pengangkat lainnya	Other lifting equipment
53.040	Peralatan penanganan kontinyu	Continuous handling equipment
53.040.01	Peralatan penanganan kontinyu secara umum	Continuous handling equipment in general
53.040.10	Konveyor dan alat transportasi pneumatik	Conveyors and pneumatic transport devices
53.040.20	Komponen konveyor	Components for conveyors
53.040.30	Transportasi pneumatik dan komponennya	Pneumatic transport and its components
53.040.99	Peralatan penanganan kontinyu lainnya	Other continuous handling equipment
53.060	Truk industri	Industrial trucks
53.060	Industrial trucks	Truk industri
53.080	Peralatan penyimpanan	Storage equipment
53.100	Mesin pengeruk tanah	Earth-moving machine
53.120	Peralatan untuk penanganan secara manual	Equipment for manual handling
55	PENGEMASAN DAN DISTRIBUSI BARANG	PACKAGING AND DISTRIBUTION OF GOODS
55.020	Pengemasan dan distribusi barang secara umum	Packaging and distribution of goods in general
55.040	Bahan dan kelengkapan pengemasan	Packaging materials and accessories
55.060	Gelendong. Kumparan	Spools. Bobbins
55.080	Karung. Kantong	Sacks. Bags
55.100	Botol jambangan Bulibuli	Bottles. Pots. Jars
55.120	Kaleng Tabung	Cans. Tins. Tubes
55.130	Wadah aerosol	Aerosol containers
55.140	Tong. Drum. Kanister	Barrels. Drums. Canisters
55.160	Kotak. Peti. Keranjang	Cases. Boxes. Crates
55.180	Distribusi angkutan barang	Freight distribution of goods
55.180.01	Distribusi angkutan barang secara umum	Freight distribution of goods in general
55.180.10	Wadah untuk tujuan umum	General purpose containers
55.180.20	Palet untuk keperluan umum	General purpose pallets
55.180.30	Kontainer, palet, dan jaring angkutan udara	Air mode containers, pallets and nets
55.180.40	Kemasan transportasi yang terisi lengkap	Complete, filled transport packages
55.180.99	Standar lainnya yang berkaitan dengan distribusi angkutan udara	Other standards related to freight distribution of air
55.200	Mesin pengemasan	Packaging machinery
55.220	Penyimpanan Pergudangan	Storing. Warehousing
55.230	Mesin distribusi dan penjaja keliling	Distribution and vending machines
59	TEKNOLOGI TEKSTIL DAN KULIT	TEXTILE AND LEATHER TECHNOLOGY
59.020	Proses dari industri tekstil	Processes of the textile industry

59.040	Bahan tambahan tekstil	Textile auxiliary materials
59.060	Serat tekstil	Textile fibres
59.060.01	Serat tekstil secara umum	Textile fibres in general
59.060.10	Serat alam	Natural fibres
59.060.20	Serat buatan	Man-made fibres
59.060.30	Serat mineral dan logam	Mineral and metal fibres
59.060.99	Serat tekstil lainnya	Other textile fibres
59.080	Produk industri tekstil	Products of the textile industry
59.080.01	Tekstil secara umum	Textiles in general
59.080.20	Benang	Yarns
59.080.30	Kain tekstil	Textile fabrics
59.080.40	Kain pelapis	Coated fabrics
59.080.50	Tali	Ropes
59.080.60	Penutup lantai tekstil	Textile floor coverings
59.080.70	Geotekstil	Geotextiles
59.080.99	Produk lainnya dari industri tekstil	Other products of the textile industry
59.100	Bahan untuk penguat komposit	Materials for the reinforcement of composites
59.100.01	Bahan untuk penguat komposit secara umum	Materials for the reinforcement of composites in general
59.100.10	Gelas tekstil	Textile glass
59.100.20	Bahan karbon	Carbon materials
59.100.30	Bahan aramida	Aramid materials
59.100.99	Bahan lainnya untuk penguat komposit	Other materials for the reinforcement of composite
59.120	Mesin tekstil	Textile machinery
59.120.01	Mesin tekstil secara umum	Textile machinery in general
59.120.10	Mesin pemintal mesin pilin dan mesin tekstur	Spinning, twisting and texturing machines
59.120.20	Mesin dan peralatan pilin	Winding machines and equipment
59.120.30	Perkakas tenun. Mesin tenun	Looms. Weaving machines
59.120.40	Mesin rajut	Knitting machines
59.120.50	Peralatan pencelup dan penyempurna	Dyeing and finishing equipment
59.120.99	Mesin tekstil lainnya	Other textile machinery
59.140	Teknologi kulit	Leather technology
59.140.01	Teknologi kulit secara umum	Leather technology in general
59.140.10	Proses dan bahan tambahan	Processes and auxiliary materials
59.140.20	Kulit mentah, kulit jangat dan kulit bulu	Raw skins, hides and pelts
59.140.30	Kulit dan bulu	Leather and furs
59.140.35	Produk kulit	Leather products
59.140.40	Mesin dan peralatan untuk produksi kulit dan bulu	Machines and equipment for leather and fur product
59.140.99	Standar lainnya yang berkaitan dengan teknologi ku	Other standards related to leather technology
61	INDUSTRI PAKAIAN	CLOTHING INDUSTRY
61.020	Pakaian	Clothes
61.040	Tutup kepala Asesori pakaian Pengetat pakaian	Headgear. Clothing accessories. Fastening of cloth
61.060	Alas kaki	Footwear
61.080	Mesin jahit dan peralatan lainnya untuk industri pakaian	Sewing machines and other equipment for the clothing industries
65	PERTANIAN	AGRICULTURE
65.020	Pertanian dan kehutanan	Farming and forestry
65.020.01	Pertanian dan kehutanan secara umum	Farming and forestry in general
65.020.20	Bercocok tanam	Plant growing
65.020.30	Peternakan dan pengembangbiakan	Animal husbandry and breeding
65.020.40	Pertamanan dan silvikultura	Landscaping and silviculture

65.020.99	Standar lainnya yang berkaitan dengan pertanian dan kehutanan	Other standards related to farming and forestry
65.040	Bangunan, konstruksi dan instalasi pertanian	Farm buildings, structures and installations
65.040.01	Bangunan, konstruksi dan instalasi pertanian secara umum	Farm buildings, structures and installations in general
65.040.10	Bangunan, instalasi dan peralatan peternakan	Livestock buildings, installations and equipment
65.040.20	Bangunan dan instalasi untuk pengolahan dan penyimpanan	Buildings and installations for processing and stocks
65.040.30	Rumah kaca dan instalasi lain	Greenhouses and other installations
65.040.99	Standar lain yang terkait dengan bangunan pertanian	Other standards related to farm buildings, structure
65.060	Mesin, perkakas dan peralatan pertanian	Agricultural machines, implements and equipment
65.060.01	Mesin dan peralatan pertanian secara umum	Agricultural machines, implements and equipment in general
65.060.10	Traktor pertanian dan kendaraan penarik	Agricultural tractors and trailed vehicles
65.060.20	Peralatan pengerjaan tanah	Soil-working equipment
65.060.25	Peralatan untuk penyimpanan, penyiapan dan distribusi	Equipment for storage, preparation and distribution
65.060.30	Peralatan pembibitan dan penanaman	Sowing and planting equipment
65.060.35	Peralatan irigasi dan drainase	Irrigation and drainage equipment
65.060.40	Peralatan pemeliharaan tanaman	Plant care equipment
65.060.50	Peralatan panen	Harvesting equipment
65.060.60	Peralatan vitikultura dan pembuatan anggur	Viticultural and wine-making equipment
65.060.70	Peralatan hortikultura	Horticultural equipment
65.060.80	Peralatan kehutanan	Forestry equipment
65.060.99	Mesin dan peralatan pertanian lainnya	Other agricultural machins and equipment
65.080	Pupuk	Fertilizers
65.100	Pestisida dan bahan kimia pertanian lainnya	Pesticides and other agrochemicals
65.100.01	Pestisida dan bahan kimia pertanian lainnya secara umum	Pesticides and other agrochemicals in general
65.100.10	Insektisida	Insecticides
65.100.20	Herbisida	Herbicides
65.100.30	Fungisida	Fungicides
65.100.99	Pestisida dan kimia pertanian lainnya	Other pesticides and agrochemicals
65.120	Pakan ternak	Animal feeding stuffs
65.140	Pemeliharaan lebah	Beekeeping
65.145	Perburuan	Hunting
65.150	Penangkapan ikan dan pengembangbiakan ikan	Fishing and fish breeding
65.160	Tembakau, produk tembakau dan peralatan yang berkaitan	Tobacco, tobacco products and related equipment
67	TEKNOLOGI PANGAN	FOOD TECHNOLOGY
67.020	Proses dalam industri makanan	Processes in the food industry
67.040	Produk makanan pertanian secara umum	Agricultural food products in general
67.050	Metode umum untuk pengujian dan analisa produk	General methods of tests and analysis for food products
67.060	Biji-bijian, kacang-kacangan dan produk turunan	Cereals, pulses and derived products
67.080	Buah-buahan. Sayur-sayuran	Fruits. Vegetables
67.080.01	Buah, sayuran dan produk turunan secara umum	Fruits, vegetables and derived products in general
67.080.10	Buah dan produk turunan	Fruits and derived products
67.080.20	Sayuran dan produk turunan	Vegetables and derived products

67.100	Susu dan produk susu	Milk and milk products
67.100.01	Susu dan produk susu secara umum	Milk and milk products in general
67.100.10	Susu	Milk
67.100.20	Mentega	Butter
67.100.30	Keju	Cheese
67.100.40	Es krim dan tepung es	Ice cream and ice confectionery
67.100.99	Produk susu lainnya	Other milk products
67.120	Daging, produk daging dan produk hewan lainnya	Meat, meat products and other animal produce
67.120.01	Produk hewan secara umum	Animal produce in general
67.120.10	Daging dan produk daging	Meat and meat products
67.120.20	Unggas dan telur	Poultry and eggs
67.120.30	Ikan dan produk ikan	Fish and fishery products
67.120.99	Produk hewan lainnya	Other animal produce
67.140	Teh. Kopi. Kakao	Tea.Coffee.Cocoa
67.140.10	Teh	Tea
67.140.20	Kopi dan pengganti kopi	Coffee and coffee substitutes
67.140.30	Kakao	Cocoa
67.160	Minuman	Beverages
67.160.01	Minuman secara umum	Beverages in general
67.160.10	Minuman beralkohol	Alcoholic beverages
67.160.20	Minuman tak beralkohol	Non-alcoholic beverages
67.180	Gula. Produk gula. Tepung	Sugar. Sugar products. Starch
67.180.10	Gula dan produk gula	Sugar and sugar products
67.180.20	Pati dan produk turunannya	Starch and derived products
67.190	Cokelat	Chocolate
67.200	Minyak dan lemak yang dapat di makan. Minyak biji-bijian	Edible oils and fats. Oilseeds
67.200.10	Lemak dan minyak hewani dan nabati	Animal and vegetable fats and oils
67.200.20	Minyak biji-bijian	Oilseeds
67.220	Bumbu dan rempah-rempah. Bahan tambahan makanan	Spices and condiments. Food additives
67.220.10	Bumbu dan rempah-rempah	Spices and condiments
67.220.20	Bahan tambahan makanan	Food additives
67.240	Analisis indera	Sensory analysis
67.250	Bahan dan benda yang bersentuhan dengan makanan	Materials and articles in contact with foodstuffs
67.260	Pabrik dan peralatan untuk industri makanan	Plants and equipment for the food industry
71	TEKNOLOGI KIMIA	Chemical technology
71.020	Produksi dalam industri kimia	Production in the chemical industry
71.040	Kimia analitik	Analytical chemistry
71.040.01	Kimia analitik secara umum	Analytical chemistry in general
71.040.10	Laboratorium kimia. Peralatan laboratorium	Chemical laboratories. Laboratory equipment
71.040.20	Peralatan laboratorium dan peralatan yang berkaitan	Laboratory ware and related apparatus
71.040.30	Pereaksi kimia	Chemical reagents
71.040.40	Analisis kimia	Chemical analysis
71.040.50	Metode analisis fisiko kimia	Physico chemical method of analysis
71.040.99	Standar lainnya yang berkaitan dengan analisis kimia	Other standards related to chemical analysis
71.060	Kimia anorganik	Inorganic chemicals
71.060.01	Kimia anorganik secara umum	Inorganic chemicals in general
71.060.10	Unsur kimia	Chemical elements
71.060.20	Oksida	Oxides

71.060.30	Asam	Acids
71.060.40	Basa	Bases
71.060.50	Garam	Salts
71.060.99	Kimia anorganik lainnya	Other inorganic chemicals
71.080	Kimia organik	Organic chemicals
71.080.01	Kimia organik secara umum	Organic chemicals in general
71.080.10	Hidrokarbon alipatik	Aliphatic hydrocarbons
71.080.15	Hidrokarbon aromatik	Aromatic hydrocarbons
71.080.20	Hidrokarbon berhalogen	Halogenated hydrocarbons
71.080.30	Senyawa nitrogen organik	Organic nitrogen compounds
71.080.40	Asam organik	Organic acids
71.080.50	Anhidrida	Anhydrides
71.080.60	Alkohol . Eter	Alcohols. Ethers
71.080.70	Ester	Esters
71.080.80	Aldehida dan keton	Aldehydes and ketones
71.080.90	Fenol	Phenols
71.080.99	Kimia organik lainnya	Other organic chemicals
71.100	Produk industri kimia	Products of the chemical industry
71.100.01	Produk industri kimia secara umum	Products of chemical industry in general
71.100.10	Bahan untuk produksi aluminium	Materials for aluminium production
71.100.20	Gas untuk aplikasi industri	Gases for industrial application
71.100.30	Bahan peledak . Piroteknik	Explosives. Pyrotechnics
71.100.40	Bahan aktif permukaan	Surface active agents
71.100.45	Bahan pendingin dan anti beku	Refrigerants and antifreezes
71.100.50	Bahan kimia pelindung kayu	Wood-protecting chemicals
71.100.55	Silikon	Silicones
71.100.60	Minyak atsiri	Essential oils
71.100.70	Kosmetika . Bahan kecantikan	Cosmetics. Toiletries
71.100.80	Bahan kimia untuk pemurnian air	Chemicals for purification of water
71.100.99	Produk lainnya dari industri kimia	Other products of chemical industry
71.120	Peralatan industri kimia	Equipment for the chemical industry
71.120.01	Peralatan industri kimia secara umum	Equipment for the chemical industry in general
71.120.10	Bejana reaksi dan komponennya	Reaction vessels and their components
71.120.20	Pipa	Columns
71.120.30	Penukar panas	Heat exchangers
71.120.99	Peralatan lain untuk industri kimia	Other equipment for the chemical industry
73	PERTAMBANGAN DAN MINERAL	MINING AND MINERAL
73.020	Pertambangan dan penggalian	Mining and quarrying
73.040	Batu bara	Coals
73.060	Mineral logam	Metalliferous minerals
73.060.01	Mineral yang mengandung logam secara umum	Metalliferous minerals in general
73.060.10	Bijih besi	Iron ores
73.060.20	Bijih mangan	Manganese ores
73.060.30	Biji krom	Chromium ores
73.060.40	Bijih aluminium	Aluminium ores
73.060.99	Mineral logam lainnya	Others metalliferous minerals
73.080	Mineral non logam	Non-metalliferous minerals
73.100	Peralatan pertambangan	Mining equipment
73.100.01	Peralatan pertambangan secara umum	Mining equipment in general
73.100.10	Peralatan terowongan dan pemipaan	Tunnelling and tubing equipment
73.100.20	Peralatan ventilasi, pengatur udara dan penerangan	Ventilation, air-conditioning and illumination equipment
73.100.30	Peralatan pengeboran dan penggalian tambang	Equipment for drilling and mine excavation
73.100.40	Peralatan penarik dan pengangkat	Haulage and hoisting equipment
73.100.99	Peralatan pertambangan lainnya	Other mining equipment

73.120	Peralatan pengolahan mineral	Equipment for processing of minerals
75	MINYAK BUMI DAN TEKNOLOGI TERKAIT	PETROLEUM AND RELATED TECHNOLOGIES
75.020	Ekstraksi dan pengolahan minyak bumi dan gas alam	Extraction and processing of petroleum and natural gas
75.040	Minyak bumi mentah	Crude petroleum
75.060	Gas alam	Natural gas
75.080	Produk minyak bumi secara umum	Petroleum products in general
75.100	Pelumas, minyak industri dan produk yang berkaitan	Lubricants, industrial oils and related products
75.120	Fluida hidrolik	Hydraulic fluids
75.140	Lilin, bahan bitumin dan produk minyak bumi lainnya	Waxes, bituminous materials and other petroleum product
75.160	Bahan bakar	Fuels
75.160.01	Bahan bakar secara umum	Fuels in general
75.160.10	Bahan bakar padat	Solid fuels
75.160.20	Bahan bakar cair	Liquid fuels
75.160.30	Bahan bakar gas	Gaseous fuels
75.180	Peralatan untuk industri minyak bumi dan gas alam	Equipment for petroleum and natural gas industries
75.180.01	Peralatan untuk industri minyak bumi dan gas alam	Equipment for petroleum and natural gas industries
75.180.10	Peralatan eksplorasi dan ekstraksi	Exploratory and extraction equipment
75.180.20	Peralatan pengolahan	Processing equipment
75.180.30	Peralatan volumetrik dan pengukuran	Volumetric equipment and measurements
75.180.99	Peralatan lainnya untuk industri minyak bumi dan gas	Other equipment of petroleum and natural gas industries
75.200	Peralatan penanganan produk minyak bumi dan gas alam	Petroleum products and natural gas handling equipment
77	METALURGI	METALLURGY
77.020	Produksi logam	Production of metals
77.040	Pengujian logam	Testing of metals
77.040.01	Pengujian logam secara umum	Testing of metals in general
77.040.10	Pengujian mekanis logam	Mechanical testing of metals
77.040.20	Pengujian tanpa merusak untuk logam	Non-destructive testing of metals
77.040.30	Analisis kimia logam	Chemical analysis of metals
77.040.99	Metode pengujian logam lainnya	Other methods of testing of metals
77.060	Korosi logam	Corrosion of metals
77.080	Logam besi	Ferrous metals
77.080.01	Logam besi secara umum	Ferrous metals in general
77.080.10	Besi	Irons
77.080.20	Baja	Steels
77.100	Besi Paduan	Ferrous alloys
77.120	Logam bukan besi	Non-ferrous metals
77.120.01	Logam bukan besi secara umum	Non-ferrous metals in general
77.120.10	Aluminium dan paduan aluminium	Aluminium and aluminium alloys
77.120.20	Magnesium dan paduan magnesium	Magnesium and magnesium alloys
77.120.30	Tembaga dan paduan tembaga	Copper and copper alloys
77.120.40	Nikel, krom dan paduannya	Nickel, chromium and their alloys
77.120.50	Titanium dan paduan titanium	Titanium and titanium alloys
77.120.60	Timbal, seng, timah dan paduannya	Lead, zinc, tin and their alloys
77.120.70	Kadmium, kobalt dan paduannya	Cadmium, cobalt and their alloys
77.120.99	Logam bukan besi lainnya dan paduannya	Other non-ferrous metals and their alloys

77.140	Produk besi dan baja	Iron and steel products
77.140.01	Produk besi dan baja secara umum	Iron and steel products in general
77.140.10	Baja perlakuan panas	Heat-treatable steels
77.140.20	Baja mutu tinggi	Steels of high quality
77.140.30	Baja untuk tujuan tekanan	Steels for pressure purposes
77.140.40	Baja dengan sifat magnetik khusus	Steels with special magnetic properties
77.140.50	Produk dan semi produk baja pelat	Flat steel products and semi-products
77.140.60	Potongan dan batang baja	Steel bars and rods
77.140.65	Kawat, tali kawat dan rantai hubung baja	Steel wire, wire ropes and link chains
77.140.70	Baja profil	Steel profiles
77.140.75	Pipa baja	Steel tubes
77.140.80	Besi dan baja tuang	Iron and steel castings and forgings
77.140.85	Besi dan baja tempa	Iron and steel forgings
77.140.90	Produk logam bukan besi	Products of non-ferrous metals
77.140.99	Produk besi dan baja lainnya	Other iron and steel products
77.150	Produk logam bukan besi	Products of non-ferrous metals
77.150.01	Produk logam bukan besi secara umum	Products of non-ferrous metals in general
77.150.10	Produk aluminium	Aluminium products
77.150.20	Produk magnesium	Magnesium products
77.150.30	Produk tembaga	Copper products
77.150.40	Produk nikel dan krom	Nickel and chromium products
77.150.50	Produk titanium	Titanium products
77.150.60	Produk, timbal seng dan timah	Lead, zinc and tin products
77.150.70	Produk kadmium dan kobalt	Cadmium and cobalt products
77.150.99	Produk logam bukan besi lainnya	Other products of non-ferrous metals
77.160	Metalurgi serbuk	Powder metallurgy
77.180	Peralatan untuk industri metalurgi	Equipment for the metallurgical industry
79	TEKNOLOGI KAYU	WOOD TECHNOLOGY
79.020	Proses teknologi kayu	Wood technology processes
79.040	Kayu, batang kayu gergajian dan gergajian	Wood, sawlogs and sawn timber
79.060	Panel kayu	Wood-based panels
79.060.01	Panel kayu secara umum	Wood-based panels in general
79.060.10	Kayu lapis	Plywood
79.060.20	Papan serat dan papan partikel	Fibre and particle boards
79.060.99	Panel kayu lainnya	Other wood based panels
79.080	Semi manufaktur kayu	Semi-manufactures of timber
79.100	Gabus dan produk gabus	Cork and cork products
79.120	Peralatan pengerjaan kayu	Woodworking equipment
79.120.01	Peralatan pengerjaan kayu secara umum	Woodworking equipment in general
79.120.10	Mesin pengerjaan kayu	Woodworking machines
79.120.20	Perkakas pengerjaan kayu	Woodworking tools
79.120.99	Peralatan pengerjaan kayu lainnya	Other woodworking equipment
81	INDUSTRI KACA DAN KERAMIK	GLASS AND CERAMICS INDUSTRIES
81.020	Proses dalam industri gelas dan keramik	Processes in the glass and ceramics industries
81.040	Gelas	Glass
81.040.01	Gelas secara umum	Glass in general
81.040.10	Bahan mentah dan gelas mentah	Raw materials and raw glass
81.040.20	Kaca dalam bangunan	Glass in building
81.040.30	Produk gelas	Glass products
81.060	Keramik	Ceramics
81.060.01	Keramik secara umum	Ceramics in general
81.060.10	Bahan mentah	Raw materials
81.060.20	Produk keramik	Ceramic products
81.060.99	Standar lainnya yang berkaitan dengan keramik	Other standards related to ceramics

81.080	Barang tahan api	Refractories
81.100	Peralatan untuk industri gelas dan keramik	Equipment for the glass and ceramics industries
83	INDUSTRI KARET DAN PLASTIK	RUBBER AND PLASTICS INDUSTRIES
83.020	Proses manufaktur dalam industri karet dan plastik	Manufacturing processes in the rubber and plastics
83.040	Bahan mentah untuk karet dan plastik	Raw materials for rubber and plastics
83.040.01	Bahan mentah untuk karet dan plastik secara umum	Raw materials for rubber and plastics in general
83.040.10	Lateks dan karet mentah	Latex and raw rubber
83.040.20	Bahan kompon karet	Rubber compounding ingredients
83.040.30	Bahan tambahan untuk plastik	Auxiliary materials and additives for plastics
83.060	Karet	Rubber
83.080	Plastik	Plastics
83.080.01	Plastik secara umum	Plastics in general
83.080.10	Bahan termoseting	Thermosetting materials
83.080.20	Bahan termoplastik	Thermoplastic materials
83.100	Bahan seluler	Cellular materials
83.120	Plastik penguatan	Reinforced plastics
83.140	Produk karet dan plastik	Rubber and plastics products
83.140.01	Produk karet dan plastik secara umum	Rubber and plastics products in general
83.140.10	Film dan lembaran	Films and sheets
83.140.20	Lembaran berlapis	Laminated sheets
83.140.30	Pipa penyambung dan katup plastik	Plastics pipes, fittings and valves
83.140.40	Selang	Hoses
83.140.50	Segel	Seals
83.140.99	Produk karet dan plastik lainnya	Other rubber and plastics products
83.160	Ban	Tyres
83.160.01	Ban secara umum	Tyres in general
83.160.10	Ban kendaraan jalanan	Road vehicle tyres
83.160.20	Ban pesawat terbang	Aircraft tyres
83.160.30	Ban untuk mesin pertanian	Tyres for agricultural and other machinery
83.160.99	Ban lainnya	Other tyres
83.180	Perekat	Adhesives
83.200	Peralatan untuk industri karet dan plastik	Equipment for the rubber and plastics industries
85	TEKNOLOGI KERTAS	PAPER TECHNOLOGY
85.020	Proses produksi kertas	Paper production processes
85.040	Pulp	Pulps
85.060	Kertas dan karton	Paper and board
85.080	Produk kertas	Paperproducts
85.100	Peralatan untuk industri kertas	Equipment for the paper industry
87	INDUSTRI CAT DAN WARNA	PAINT AND COLOUR TECHNOLOGY
87.020	Proses pelapisan dengan cat	Paint coating processes
87.040	Cat dan pernis	Paints and varnishes
87.060	Bahan cat	Paint ingredients
87.060.01	Bahan cat secara umum	Paint ingredients in general
87.060.10	Pigmen dan ekstender	Pigments and extender
87.060.20	Pengikat	Binders
87.060.30	Pelarut	Solvents
87.060.99	Bahan cat lainnya	Other paint ingredients
87.080	Tinta .Tinta cetak	Inks. Printing inks
87.100	Peralatan pelapisan cat	Paint coating equipment

91.010	Industri konstruksi	Construction industry
91.010.01	Industri konstruksi secara umum	Construction industry in general
91.010.10	Aspek hukum	Legal aspects
91.010.20	Aspek kontrak	Contractual aspects
91.010.30	Aspek teknis	Technical aspects
91.010.99	Aspek lainnya	Other aspects
91.020	Perencanaan fisik. Perencanaan kota	Physical planning. Town planning
91.040	Bangunan	Buildings
91.040.01	Bangunan secara umum	Buildings in general
91.040.10	Bangunan umum	Public buildings
91.040.20	Bangunan untuk perdagangan dan industri	Buildings for commerce and industry
91.040.30	Bangunan tempat tinggal	Residential buildings
91.040.99	Bangunan lainnya	Other buildings
91.060	Elemen bangunan	Elements of buildings
91.060.01	Elemen bangunan secara umum	Elements of buildings in general
91.060.10	Dinding. Partisi. Bagian muka rumah	Walls. Partitions. Facades
91.060.20	Atap	Roofs
91.060.30	Langit-langit. Lantai. Tangga	Ceilings. Floors. Stairs
91.060.40	Cerobong asap, pipa lubang udara, saluran	Chimneys, shafts, ducts
91.060.50	Pintu dan jendela	Doors and windows
91.060.99	Elemen bangunan lainnya	Other elements of buildings
91.080	Struktur bangunan	Structures of buildings
91.080.01	Struktur bangunan secara umum	Structures of buildings in general
91.080.10	Struktur logam	Metal structures
91.080.20	Struktur kayu	Timber structures
91.080.30	Pekerjaan menembok	Masonry
91.080.40	Struktur beton	Concrete structures
91.080.99	Struktur lainnya	Other structures
91.090	Struktur eksternal	External structures
91.100	Bahan konstruksi	Construction materials
91.100.01	Bahan konstruksi secara umum	Construction materials in general
91.100.10	Semen. Gips. Kapur. Mortar	Cement. Gypsum. Mortar
91.100.15	Bahan mineral dan produk	Mineral materials and products
91.100.20	Bahan dan produk mineral dan keramik	Mineral and ceramic materials and products
91.100.25	Produk keramik untuk bangunan Ceramic building products	Ceramic building products
91.100.30	Beton dan produk beton	Concrete and concrete products
91.100.40	Produk semen bertulang serat	Products in fibre-reinforced cement
91.100.50	Pengikat. Bahan penutup	Binders. Sealing materials
91.100.99	Bahan konstruksi lainnya	Other construction materials
91.120	Perlindungan dari dan di dalam bangunan	Protection of and in buildings
91.120.01	Perlindungan dari dan di dalam bangunan secara umum	Protection of and in buildings in general
91.120.10	Penyekat panas	Thermal insulation
91.120.20	Akustik dalam bangunan. Penyekat suara	Acoustics in buildings.
91.120.25	Perlindungan gempa dan getaran	Seismic and vibration protection
91.120.30	Ketahanan terhadap air	Waterproofing
91.120.40	Perlindungan terhadap petir	Lightning protection
91.120.99	Standar lainnya yang berkaitan dengan perlindungan	Other standards related to protection of and in buildings
91.140	Instalasi dalam bangunan	Installations in buildings
91.140.01	Instalasi dalam bangunan secara umum	Installations in buildings in general
91.140.10	Sistem pemanas sentral	Central heating systems
91.140.20	Peralatan pemanas	Heating appliances
91.140.30	Sistem ventilasi dan pengatur udara	Ventilation and air-conditioning systems

91.140.40	Sistem pemasokan gas	Gas supply systems
91.140.50	Sistem pemasokan listrik	Electricity supply systems
91.140.60	Sistem pemasokan air	Water supply systems
91.140.65	Peralatan pemanas air	Water heating equipment
91.140.70	Instalasi sanitasi	Sanitary installations
91.140.80	Sistem drainase	Drainage systems
91.140.90	Lift.Eskalator	Lifts. Escalators
91.140.99	Instalasi dalam bangunan lainnya	Other installation in buildings
91.160	Penerangan	Lighting
91.160.01	Penerangan secara umum	Lighting in general
91.160.10	Penerangan interior	Interior lighting
91.160.20	Penerangan bangunan luar	Exterior lighting
91.180	Penyempurnaan interior	Interior finishing
91.190	Perlengkapan bangunan	Building accessories
91.200	Teknologi konstruksi	Construction technology
91.220	Peralatan konstruksi	Construction equipment
93	REKAYASA SIPIL	CIVIL ENGINEERING
93.010	Rekayasa sipil secara umum	Civil engineering in general
93.020	Pekerjaan tanah. Penggalian. Konstruksi pondasi. Pekerjaan bawah tanah	Earthworks. Excavations. Foundation construction.Undergroun works
93.025	Sistem penyaluran air bagian luar	External water conveyance systems
93.030	Sistem pembuangan bagian luar	External sewage systems
93.040	Konstruksi jembatan	Bridge construction
93.060	Konstruksi terowongan	Tunnel construction
93.080	Rekayasa jalan	Road engineering
93.080.01	Rekayasa jalan secara umum	Road engineering in general
93.080.10	Konstruksi jalan	Road construction
93.080.20	Perkerasan jalan	Road pavement
93.080.30	Peralatan jalan dan instalasi	Road equipment and installations
93.080.40	Penerangan jalan dan peralatan terkait	Street lighting and related equipment
93.080.99	Standar lainnya yang berkaitan dengan rekayasa jalan	Other standards related to road engineering
93.100	Konstruksi jalan rel	Construction of railways
93.120	Konstruksi bandar udara	Construction of airports
93.140	Konstruksi jalan air dan pelabuhan	Construction of waterways and ports
93.160	Konstruksi hidrolis	Hydraulic construction
95	REKAYASA MILITER	MILITARY ENGINEERING
95.020	Rekayasa militer. Masalah militer. Persenjataan	Military engineering. Military affairs. Weapons
97	RUMAH TANGGA. HIBURAN. OLAH RAGA	HOUSEKEEPING. ENTERTAINMENT. SPORTS
97.020	Ekonomi rumah tangga secara umum	Home economics in general
97.030	Peralatan listrik domestik secara umum	Domestic electrical appliances in general
97.040	Peralatan dapur	Kitchen equipment
97.040.01	Peralatan dapur secara umum	Kitchen equipment in general
97.040.10	Perabotan dapur	Kitchen furniture
97.040.20	Kompas masak, meja kerja, oven dan peralatan sejenis	Cooking ranges, working tables, ovens and similar
97.040.30	Peralatan pendingin rumah tangga	Household refrigerating appliances
97.040.40	Pencuci piring	Dishwashers
97.040.50	Peralatan kecil dapur	Small kitchen appliances
97.040.60	Alat memasak, alat pemotong dan peralatan makan	Cookware, cutlery and flatware

97.040.99	Peralatan dapur lainnya	Other kitchen equipment
97.060	Peralatan binatu	Laundry appliances
97.080	Peralatan pemeliharaan lantai	Floor treatment appliances
97.100	Peralatan pemanas listrik rumah tangga	Household electrical heating appliances
97.100.01	Peralatan pemanas pada umumnya	Heating appliances in general
97.100.10	Pemanas listrik	Electric heaters
97.100.20	Pemanas gas	Gas heaters
97.100.30	Pemanas bahan bakar padat	Solid fuel heaters
97.100.40	Pemanas bahan bakar cair	Liquid fuel heaters
97.100.99	Pemanas menggunakan sumber energi lain	Heaters using other sources of energy
97.120	Pengendali otomatis untuk penggunaan rumah tangga	Automatic controls for household use
97.130	Perabotan toko	Shop fittings
97.140	Mebel	Furniture
97.145	Tangga	Ladders
97.150	Penutup lantai bukan tekstil	Non-textile floor coverings
97.160	Tekstil rumah, Linen	Home textiles. Linen
97.170	Peralatan pemeliharaan tubuh	Body care equipment
97.180	Aneka peralatan rumah	Miscellaneous home equipment
97.190	Peralatan rumah tangga untuk anak-anak	Household equipment for children
97.195	Benda seni dan kerajinan	Items of art and handicrafts
97.200	Peralatan hiburan	Equipment for entertainment
97.200.01	Peralatan hiburan secara umum	Equipment for entertainment in general
97.200.10	Peralatan teater panggung dan studio	Theatre, stage and studio equipment
97.200.20	Peralatan musik	Musical instruments
97.200.30	Perlengkapan berkemah dan tempat berkemah	Camping equipment and camp-sites
97.200.40	Lapangan bermain	Playgrounds
97.200.50	Mainan	Toys
97.200.99	Peralatan hiburan lainnya	Other equipment for entertainment
97.220	Peralatan dan fasilitas olah raga	Sports equipment and facilities
97.220.01	Peralatan dan fasilitas olah raga secara umum	Sports equipment and facilities in general
97.220.10	Fasilitas olah raga	Sports facilities
97.220.20	Peralatan olah raga musim dingin	Winter sports equipment
97.220.30	Peralatan olah raga dalam gedung	Indoor sports equipment
97.220.40	Peralatan olah raga luar gedung dan air	Outdoor and water sports equipment
97.220.99	Peralatan dan fasilitas olah raga lainnya	Other sports equipment and facilities