

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
030111	Sealing Material	Sealing Material	Sealing Material	Any device which helps join systems or mechanisms together by preventing leakage (e.g., in a plumbing system), containing pressure, or excluding contamination.
030201	Angular Contact Ball Bearings	Angular Contact	Angular Contact Ball Bearings	Angular Contact Ball Bearings single and double row
030203	Cylindrical Roller Bearings	Cylindrical RB	Cylindrical Roller Bearings	Cylindrical Roller Bearings single and double row
030204	Deep Groove Ball Bearings	Deep Groove BB	Deep Groove Ball Bearings	Deep Groove Ball Bearings single row
030205	Four Point Contact Bearings	4 Point Contact BB	Four Point Contact Bearings	Four Point Contact Bearings
030207	Needle Roller Bearings	Needle RB	Needle Roller Bearings	Needle Roller Bearings
030208	Self-aligning Ball Bearings	Self-aligning BB	Self-aligning Ball Bearings	Self-aligning Ball Bearings
030209	Spherical Roller Bearings	Spherical RB	Spherical Roller Bearings	Spherical Roller Bearings double row
030210	Tapered Roller Bearing	Tapered RB	Tapered Roller Bearing	Tapered Roller Bearing
030211	Thrust Bearings	Thrust Bearings	Thrust Bearings	Thrust Bearings single and double row
030212	Y-Bearings	Y-Bearings	Y-Bearings	Ball bearing housed units, plummer pillow block, flanged or take up units
030213	Other Standard bearings (magneto, rolling, barrel,...)	Other STD Bearing	Other Standard bearings (magneto, rolling, barrel,...)	CARB bearings, Spherical roller thrust bearings, 4 row ball bearings, slewing bearing, magnetic bearings, linear motion products, plain bearings
030214	Block Units/pedestals	Block Units/pedestal	Block Units/pedestals	Housing unit (without ball bearing element)
030217	Special Bearings (non ISO/DIN)	Special Bearings	Special Bearings (non ISO/DIN)	Bearing which are not following the ISO or DIN standard, bearings manufactured according to a specif drawing from an OEM, standard bearing with special characteristics (seals, lubrication points, etc....)
030218	Bearing sleeves	Bearing sleeves	Bearing sleeves	Adapter sleeves and withdrawable sleeves

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030219	Bearing seals	Bearing seals	Bearing seals	Bearing seals
030220	Bearing nuts	Bearing nuts	Bearing nuts	Bearing lock nuts
030221	Sliding shoe/sleeve bearing	Sleeve bearing	Sliding shoe/sleeve bearing	Contact surface covering with bearing metal pads mainly found as rotation support for ball mills, or in Vertical roller mill gear boxes
030222	Bearing accessories	Bearing accessories	Bearing accessories	Locking washers and clips, bushings
030301	Actuators	Actuators	Actuators	An actuator is a mechanical device for moving or controlling a mechanism or system.
030302	Vee Belts, Belts	Vee Belts, Belts	Vee Belts, Belts	This class includes: wire mesh belts
030303	Brakes	Brakes	Brakes	A brake is a device for slowing or stopping the motion of a machine or vehicle, or alternatively a device to restrain it from starting to move again.
030304	Chains	Chains	Chains	A chain is a series of connected links. This article is about the literal, physical chain. A chain may consist of two or more links. A chain is usually made of metal. Chains are usually made in one of two styles, according to their intended use: Those des
030305	Chain Wheels	Chain Wheels	Chain Wheels	A profiled wheel with teeth that meshes with a chain, track or other perforated or indented material. It is distinguished from a gear in that sprockets are never meshed together directly, and from a pulley by not usually having a flange at each side.
030306	Coupling	Coupling	Coupling	A coupling is a device used to connect two shafts together at their ends for the purpose of transmitting power. Couplings do not normally allow disconnection of shafts during operation, however there do exist torque limiting couplings which can slip or di
030307	Gear Drives	Gear Drives	Gear Drives	A gear is a component within a transmission device that transmits rotational force to another gear or device. A gear is different from a pulley in that a gear is a round wheel which has linkages ("teeth" or "cogs") that mesh with other gear teeth, allowin

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030308	Gear Wheels	Gear Wheels	Gear Wheels	A profiled wheel with teeth that meshes with a chain, track or other perforated or indented material. It is distinguished from a gear in that sprockets are never meshed together directly, and from a pulley by not usually having a flange at each side.
030309	Shafts	Shafts	Shafts	A drive shaft, driving shaft, propeller shaft, or Cardan shaft is a mechanical component for transmitting torque and rotation.
030310	Spindles	Spindles	Spindles	General term for the main rotating axis of a machine tool, which usually has a shaft at its heart.
030311	Toothed Segments & Wheels	Tooth Segment&Wheel	Toothed Segments & Wheels	A segment of a profiled wheel with teeth that meshes with a chain, track or other perforated or indented material. It is distinguished from a gear in that sprockets are never meshed together directly, and from a pulley by not usually having a flange
030399	Other Driving Elements	Other DrivingElement	Other Driving Elements	Please only use this class if the item cannot be classified under a specific PSCS
030406	Valves	Valves	Valves	Including all kinds of valves as solenoid valves, these are devices that regulates the flow of a fluid (gases, fluidized solids, slurries, or liquids) by opening, closing, or partially obstructing various passageways.
030407	Valve's specific parts & accessories	Valve specific parts	Valve's specific parts & accessories	Valve's specific parts & accessories
030501	Axles	Axles	Axles	Axles for on- and off-road equipment used as spare parts
030502	Buckets	Buckets	Buckets	For example the Buckets used in material elevators
030503	Bushings, Sleeves	Bushings, Sleeves	Bushings, Sleeves	Special type of bearings slides
030504	Cooling Elements	Cooling Elements	Cooling Elements	Spare element for heat exchangers
030505	Covers	Covers	Covers	Motor covers for couplings or chain couplings
030506	Dampers, Sliders	Dampers, Sliders	Dampers, Sliders	Mechanical device designed to dissipate kinetic energy specially on gases.
030507	Drums	Drums	Drums	Drums for brakes or containers

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030508	Flaps, Shutters	Flaps, Shutters	Flaps, Shutters	Spares for dampers mechanical device designed to dissipate kinetic energy specially on gases.
030509	Grease Boxes	Grease Boxes	Grease Boxes	Boxes containing grease for lubricating
030510	Heat Exchangers	Heat Exchangers	Heat Exchangers	Device built for efficient heat transfer from one medium to another, whether the media are separated by a solid wall so that they never mix, or the media are in direct contact
030511	Hose Assemblies	Hose Assemblies	Hose Assemblies	Assy for hoses for built complete kits of Hoses.
030512	Housing & Parts	Housing & Parts	Housing & Parts	Parts of Housing special for gear drives
030513	Hubs	Hubs	Hubs	Hubs
030514	Idlers	Idlers	Idlers	Mechanical device such as an idler pulley or idler wheel that is secondary to the main transfer of power in a mechanical system.
030515	Indicating Instruments	Indicating Instrumen	Indicating Instruments	Instruments for indication on main controls
030516	Customized parts	Customized parts	Customized parts	Casted parts specifically made
030517	Joints	Joints	Joints	Articulated parts
030518	Ladles	Ladles	Ladles	Container used to transport and pour out molten metals.
030519	Latches, Pawls	Latches, Pawls	Latches, Pawls	Type of mechanical fastener that is used to join two (or more) objects or surfaces together while allowing for the regular or eventual separation of the objects or surfaces.
030520	Levers	Levers	Levers	Rigid object that is used with an appropriate fulcrum or pivot point to multiply the mechanical force that can be applied to another object.
030521	Lubricating Devices	Lubricating Devices	Lubricating Devices	Any device for lubrication
030522	Nozzles	Nozzles	Nozzles	Mechanical device designed to control the characteristics of a fluid flow as it exits (or enters) an enclosed chamber or pipe via an orifice.
030523	Oil-level Indicators	Oil-level Indicators	Oil-level Indicators	Indicator on lub systems
030524	Operating Devices	Operating Devices	Operating Devices	Operating Devices

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030525	Pivots, Trunnions	Pivots, Trunnions	Pivots, Trunnions	Cylindrical protrusion used as a mounting and/or pivoting point.
030526	Plates	Plates	Plates	Plates
030527	Pulleys	Pulleys	Pulleys	Mechanism composed of a wheel (called a sheave) with a groove between two flanges around the wheel's circumference. A rope, cable or belt usually runs inside the groove.
030528	Rings	Rings	Rings	Open-ended ring that fits into a groove
030529	Rollers	Rollers	Rollers	Including spare rollers for conveyors
030530	Rope Sheaves	Rope Sheaves	Rope Sheaves	Wheel or roller with a groove along its edge for holding a belt, rope or cable. When hung between two supports and equipped with a belt, rope or cable, one or more sheaves make up a pulley.
030531	Screw Conveyor Blades	Screw Conveyor Blade	Screw Conveyor Blades	Screw Conveyor Blades
030533	Stuffing Box Glands & Housings	Stuffing Box Glands	Stuffing Box Glands & Housings	Spare parts for Stuffing Boxes
030534	Supports	Supports	Supports	Any support for mechanical use
030535	Wheels	Wheels	Wheels	Wheels
030536	Wipers	Wipers	Wipers	Wipers
030537	Repair Kits	Repair Kits	Repair Kits	All repair kits
030538	Mechanical Vibrators	Mechanical Vibrators	Mechanical Vibrators	Including for concrete and vibrating conveyors
030539	Back Stops	Back Stops	Back Stops	Parts to prevent rotational movements against the operating direction of a rotation, prevents the material being conveyed from running back in the event of current failure or when the motor is shut off
030599	Other Mechanical Parts	Other MechanicalPart	Other Mechanical Parts	Please only use this class if the item cannot be classified under a specific PSCS
030601	Spare Blowers & their Specific spare Parts	Spare Blowers Parts	Spare Blowers & their Specific spare Parts	An electrically powered device used to produce an airflow for the purpose of creature comfort (particularly in the heat), ventilation, exhaust, or any other gaseous transport.

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030602	Spare Compressors & their Specific spare Parts	Spare CompressorPart	Spare Compressors & their Specific spare Parts	Mechanical device that increases the pressure of a gas by reducing its volume.
030603	Spare Fans & their Specific spare Parts	Spare Fans Parts	Spare Fans & their Specific spare Parts	Electrically powered device used to produce an airflow for the purpose of creature comfort (particularly in the heat), ventilation, exhaust, or any other gaseous transport.
030604	Spare Pumps & their Specific spare Parts	Spare Pumps Parts	Spare Pumps & their Specific spare Parts	Device used to move fluids, such as gases, liquids or slurries.
030701	Electrical HV/MV cables, electrical bus ducts, electrical bus bars	ELECT HV/MV cables	Electrical HV/MV cable, bus duct,electrical bus bar	Bus bars and bus ducts, HV-cables, lightning arrestor cables, shielded HV/MV power cables,
030703	Electrical LV and extraLV cables, electrical bus ducts, electrical bus bars, electrical wires	ELECT LV cables	Electrical LV & extra LV cable, bus duct, bus bar, wire	Bus bars and bus ducts, LV power cables, shielded LV power cables, LV control cables, extra LV control cabels, fibre optical cables, extra LV control cabels, thermo couple cables, fire retardent cables, communication cables
030704	Cable protection, electrical cable trays and ladders, conduits, cable installation materials, sleeves for electric cables	Cable protection	ELECT cable protection/tray/Instl MATL/ladder/conduit/sleeve	Cable conduits, cable ladders, cable ducts, flexible conduits, flexible pipes, cable clips, cable lugs, cable termination, cable glands, supports, screws and fasteners, fixing nuts and bolts, enclosures, cable terminal boxes, fire barriers for cables, grounding materials, grounding cables and installation, lightning arrestors. lightning protector
030803	Overhead electrical power lines (>36 kV)	OHD ELECT lines>36kV	Overhead electrical power lines (>36 kV)	including power poles, from utility grid to plant, from plant to quarry
030805	Fire detection, alarm systems	Fire detection&alarm	Fire detection, alarm systems	fire detection systems, fire alarming, (inertisation for coal grinding is found under individual mechanical components)
030808	High voltage (>36kV) switch gear assembly	High V switch gear	High voltage (>36kV) switch gear assembly	Disconnect switches (HV), Circuit breakers & switchgear (HV), surge arrestors, isolators, switch gear arrangement (HV), grounding switch

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030809	Medium voltage (>1000V, =< 36kV) switch gear assembly	Mediu V switch gear	Medium voltage (>1000V, =< 36kV) switch gear assembly	Disconnect switches (MV), Circuit breakers & switchgear (MV), surge arrestor, isolator, switch gear arrangement (MV), MV contactors, grounding switch, current limiter
030811	Communication Equipment, Radios	COMM Equip, Radios	Communication Equipment, Radios	Communication repeater, PA systems, VHF radio links, not automation/PCS related, not telephone systems
030812	Main Power Transformer	Power Transformer	Main Power Transformer	Main power transformers (usually > 2.5 MVA)
030813	Distribution Transformer	DIST Transformer	Distribution Transformer	Distribution transformers (usually <2.5 MVA), lighting transformers, neutral grounding transformer, control transformer, (for converter transformers see '030816)
030814	LV Distribution and MCC Panels, lighting panels	LV DIST & MCC Panel	LV Distribution and MCC Panels, lighting panels	Entire panel lineup of Low Voltage power distribution panels (LVD) and Motor Control Centers (MCC). centralized motor control panels (DMC), lighting panels, auxiliary panels (single phase power distribution)
030816	Large (> 250 kW), customized frequency converters, large adjustable speed drives	> 250 kW converter	>250kW,customized frequency converter,adjustable speed drive	Frequency converters including transformers (isolation, step up or step down), without cables, without motor (>25kW)
030817	Standard (<= 250 kW) frequency converters, standard adjustable speed drives	<= 250 kW converter	Standard<= 250 kW,frequency converter/adjustable speed drive	Frequency converters including transformers (isolation), without cables, without motor (<=25kW)
030818	Gas Analyzers, Emission Monitoring Systems	Gas Analyzers	Gas Analyzers, Emission Monitoring Systems	Complete EMR/CEMS systems, Gas analyzers located in Kiln inlet, top of preheater, calcinator, kiln stack, dust measurement and CO and O2 detection for coal grinding system

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030819	Emergency/standby Generator set	Generator set	Emergency/standby Generator set	Emergency power generator or standby power generator set as used typically for the auxiliary motor of the kiln in case of a power failure. Further emergency power generator sets for supply of power to LVD and process control system in case of a power failure. Such generator sets may feed electrical power either on LV level or MV level, automatic transfer switch
030823	Power factor correction system, capacitors, Inductors, Electrical filters	PFCC & Inductors	PowerFactorCorrectionSystem,capacitor/Inductor/ELECT filter	Power factor compensation equipment, harmonic filters (on LV and also on MV level), capacitors and inductors for electrical filters
030825	Lighting systems, Bulbs, Lighting Units, Sockets	Lighting systems	Lighting systems, Bulbs, Lighting Units, Sockets	All sort of lighting equipment including supports/lighting poles, power sockets and socket centers, welding sockets, lighting switches, dimmers
030826	Solar power panels and systems / wind turbines	Solar&wind system	Solar power panels and systems / wind turbines	Solar panels generating electrical power, wind tubogenerators (small up to 1kW)
030831	UPS, Power Supplies systems AC / DC	UPS&AC/DC supply	UPS, Power Supplies systems AC / DC	UPS or power supplies for HV or MV control voltage and process control systems
030832	Power Transmitters And Energy Meters, power automation systems	Power Transmitter	Power Transmitters & Energy Meters, power automation systems	Power, Current and Energy meters if separate from protection relay including Current Transformers (CT)/Voltage Transformers (VT). Harmonics analyser, online power quality metering, power automation and management system if not part of overall plant control system, mobile electrical measuring and testing equipment, handheld electrical instruments
030834	Protection relays (Motor, Feeder And Trafo Protection)	Protection relay	Protection relays (Motor, Feeder And Trafo Protection)	Protection relay, arc flash protection devices (for protection on MV level)
030835	Electric motors starters	Motor starter	Electric motors starters	includes oil resistor starters as well as the liquid starters (mainly for slip ring motors), auto transformers, electronic starters

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NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
030839	Access control, Television Systems CCTV, Cameras	Access control&CCTV	Access control, Television Systems CCTV, Cameras	Plant view cameras, security cameras (not process related), access control, identification system, intrusion detection system and access time registration
030840	Sensors (Level, Pressure, Speed, Position, Temperature, Weight/load, Flow, Vibration, Torque, Metal detection, Current)	Sensor	Sensor-Level,Pressure,Speed,Position,Temperature,Weight,etc.	Sensors (Level, Pressure, Speed, Position, Temperature, Weight/load, Flow, Vibration, Torque, Metal detection, Current)
030842	Safety systems, warning Devices, safety switch and push button assemblies	Safety systems	Warning Device, Safety system/switch & push button assembly	Local Isolator Switches (LIS), start up warning (acoustic and flash lamps), aircraft warning, traffic lights, safety PLC systems, Dupline® systems (on long belt conveyor), emergency stop systems, rope switches, safety interposing relays, local start/stop push button arrangements
030846	Process control systems and related control systems	Process control	Process control systems and related control systems	Process control system and subcontrol systems including operator stations, servers, PLCs, fibre optical devices including cables as part of PCS system, switches, hubs, network components, KVM boxes, field I/O's
030847	Expert optimizer, high level control system	Expert optimizer	Expert optimizer, high level control system	Expert optimizer (EOS), high level control system (HLC)
030848	Technical Information System (TIS)	TIS	Technical Information System (TIS)	Entire TIS including servers, management stations, interfaces (OPC devices)
030849	Dispatch automation (shipping/receiving)	Dispatch automation	Dispatch automation (shipping/receiving)	Shipping/dispatch automation systems (with card readers and receipt printers, truck tracing, guidance systems)

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NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
030850	Special instruments	Special instruments	Special instruments	Kiln shell scanner, kiln and cooler pyrometer camera, clinker pyrometer, gaz flow meter (in dusty environment), on-line condition monitoring (for gearboxes and large motors)
030901	Accumulators (rechargeable batteries)	Accumulators	Accumulators (rechargeable batteries)	Batteries/accumulators for UPS, - for MV and HV distribution switchgear, small batteries for mobile tools and emergency lighting, excluding vehicle batteries and disposable batteries
030902	Electrical circuit breakers and contactors	Circuit breaker	Electrical circuit breakers and contactors	LV Circuit Breakers, LV Contactors, thermal ol-relays as used in MCCs and LVDs, motor protection relay, RCD's, internal surge arrestors, electrical switches, contacts, relais, solenoids,
030903	Electrical heating elements	ELECT heating Comp	Electrical heating elements	Panel heaters, motor winding heaters, trace heating (along pipes and chutes), space heaters, tank heaters
030904	Carbon brushes, slip rings, grounding brushes	Carbon brushes	Carbon brushes, slip rings, grounding brushes	Brushes used on slip ring motoros or DC motors, grounding brushes on shafts for large motors, ignition electrodes
030905	Fuses	Fuses	Fuses	Fuses, for LV and MV equipment. Semiconductor fuses for adjustable speed drives, electrostatic precipitator panels.
030913	Electronic Components	Electronic Component	Electronic Components	Electronic parts (small) as resistor, capacitor, inductivity, discrete componets, semiconductors, electronic boards are to be classified under the main equipment where they belong to.
031001	Motors, Direct Current	Motor, DC	Motors, Direct Current	DC Motors (not recommended, do not use for new applications)
031002	Motors, Slip Ring	Motors, Slip Ring	Motors, Slip Ring	Slipring motor, customized. The brushes as spare parts are in 394
031003	Motors, Squirrel Cage (large size >250kW)	SCIM >250kW	Motors, Squirrel Cage (large size >250kW)	Large squirrel cage motors >250kW, customized squirrel cage motors, VFD motors

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NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
031004	Motors, Squirrel Cage (small <= 250kW)	SCIM <= 250kW	Motors, Squirrel Cage (small <= 250kW)	Small standard squirrel cage motors (=<250kW), usually off the shelf standard motors
031005	Drum motors	Drum motors	Drum motors	as used for belt conveyors
031006	Motors with integrated frequency converter	Motor with converter	Motors with integrated frequency converter	Small motors (usually LV) with converter directly built in
031007	Motors, Synchronous	Motors, Synchronous	Motors, Synchronous	Customized synchronous motors
031008	Motors, Geared	Motors, Geared	Motors, Geared	Motor that are geared on the output shaft.
031009	Motors for dampers, actuators	Motor for damper	Motors for dampers, actuators	Positioning devices (actuators) for regulating valves and dampers
031010	Electrical Vibrators	ELECT Vibrators	Electrical Vibrators	Electrical vibrators including sound based devices
031011	Large Generators for Power Plants	Large Generators	Large Generators for Power Plants	Generators / Alternators usually > 2MW for captive power plants, Waste Heat Recovery
031101	Cylinders, Pneumatic	Cylinders, Pneumatic	Cylinders, Pneumatic	Cylinders that needs air for work
031102	Pneumatic Equipment	Pneumatic Equipment	Pneumatic Equipment	Any equipment that works by the air force
031103	Pneumatic Tube Mail	Pneumatic Tube Mail	Pneumatic Tube Mail	Tubes used in Laboratory for transporting samples from site to Lab.
031104	Accessories for pneumatic equipment	Pneumatic Equip ACC	Accessories for pneumatic equipment	Accessories for pneumatic equipment
031201	Cylinders, Hydraulic	Cylinders, Hydraulic	Cylinders, Hydraulic	Cylinders that needs water power to work
031202	Hydraulic Equipment	Hydraulic Equipment	Hydraulic Equipment	Any equipment that works by the water flow force
031203	Accessories for hydraulic equipment	Hydraulic Equip ACC	Accessories for hydraulic equipment	Accessories for hydraulic equipment
031401	Spare & wear parts for Wheel loaders	S&W Wheel loader	Spare & wear parts for Wheel loaders	Engine, Transmission parts, belts, wiring, harnesses etc.
031402	Spare & wear parts for Haul trucks (dumper)	S&W Haul truck	Spare & wear parts for Haul trucks (dumper)	Engine, Transmission parts, belts, wiring, harnesses, Body liners, seals, cylinders etc.
031403	Spare & wear parts for Excavators	S&W Excavator	Spare & wear parts for Excavators	Engine, Transmission parts, belts, wiring, harnesses etc.

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031404	Spare & wear parts for Cranes	S&W Cranes	Spare & wear parts for Cranes	Engine, Transmission parts, belts, wiring, harnesses etc.
031405	Spare & wear parts for Drill rig	S&W Drill rig	Spare & wear parts for Drill rig	Engine, Transmission parts, belts, wiring, harnesses etc.
031406	Spare & wear parts for Skid steer loader	S&W Skid loader	Spare & wear parts for Skid steer loader	Engine parts, Hydraulic Pump parts etc.
031407	Spare & wear parts for Forklifts	S&W Forklifts	Spare & wear parts for Forklifts	Chains, Links, engine parts, hydraulic system parts etc.
031408	Spare & wear parts for Grader	S&W Grader	Spare & wear parts for Grader	Engine, Transmission parts, belts, wiring, harnesses etc.
031409	Spare & wear parts for Telehandler	S&W Telehandler	Spare & wear parts for Telehandler	Engine, Transmission parts, belts, wiring, harnesses etc.
031410	Spare & wear parts for Dozer	S&W Dozer	Spare & wear parts for Dozer	Engine, Transmission parts, belts, wiring, harnesses etc.
031411	Spare & wear parts for Paver & compactors	S&W Paver&compactor	Spare & wear parts for Paver & compactors	Engine, Transmission parts, belts, wiring, harnesses etc.
031412	Spare & wear parts for Mining Service equipment	S&W Mining Equip	Spare & wear parts for Mining Service equipment	eg. Lubricant trucks , Fuel trucks , Water bowser/spray trucks, Forklifts for tyre handling etc
031501	Spare & wear parts for Mixer trucks	S&W Mixer trucks	Spare & wear parts for Mixer trucks	Drums, Drum liners etc.
031502	Spare & wear parts for Aggregate trucks (tipper)	S&W Aggregate truck	Spare & wear parts for Aggregate trucks (tipper)	Body Liners, wear plates, dump body replacements, reinforcement plates, engine, transmission parts etc.
031503	Spare & wear parts for Tractors	S&W Tractors	Spare & wear parts for Tractors	Track links, Chains, Shoes etc.
031504	Spare & wear parts for Silo trailer	S&W Silo trailer	Spare & wear parts for Silo trailer	Engine Parts, Electrical Wiring, Hoses, Hydraulic Pumps etc.
031505	Spare & wear parts for Mixer trailer	S&W Mixer trailer	Spare & wear parts for Mixer trailer	Electrical wiring, Hydraulic parts etc.
031506	Spare & wear parts for Concrete Pumps	S&W Concrete Pumps	Spare & wear parts for Concrete Pumps	Piston Parts, Wear Tubes, Couplings, Mechanical Distributors etc.

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031507	Spare & wear parts for Other on-road mobile equipment	S&W Other on-road	Spare & wear parts for Other on-road mobile equipment	...Please only use this class if the item cannot be classified under a specific PSCS
031602	Spare & wear parts for railway	S&W railway	Spare & wear parts for railway	Axles, wheelsets, brass bearings, buffers, drawgear, draw hooks and screw couplers etc.
031603	Spare & wear parts for ships/barges	S&W ships/barges	Spare & wear parts for ships/barges	Engines, anchors etc.
031701	Common spare & wear parts for On-road Mobile Equipment	Common S&W On-road	Common spare & wear parts for On-road Mobile Equipment	Lamps, protection covers etc.
031702	Common wear parts (GET) for Mining and other Off-road Mobile Equipment	Common S&W Mining	Common wear part(GET)-Mining & other Off-road Mobile Equip	Buckets, teeth, secondary breakage hammers etc.
040101	Precast blocks	Precast blocks	Precast blocks	Pre-cast and pre-tempered refractory concrete blocks for Cooler and Preheater applications
040102	Refractory Mortar	Refractory Mortar	Refractory Mortar	Basic or alumina mortars for brick installation in mechanically stressed kiln areas
040103	Anchors	Anchors	Anchors	Metallic and ceramic anchors for refractory concrete installation
040105	Refractory Insulation material	Refractory InsulMATL	Refractory Insulation material	Material to insulate metallic vessels/housings in static kiln part (Cooler and PH)
040106	Magnesia spinel bricks	Magnesia spinelbrick	Magnesia spinel bricks	Basic Bricks for Upper transition, Lower transition and Central burning zones of rotary kilns
040107	Dolomite Bricks	Dolomite Bricks	Dolomite Bricks	Basic bricks for Central burning zones (in special cases)
040108	Alumina bricks	Alumina bricks	Alumina bricks	Alumina bricks for none-basic zones in Rotary kiln and in static kiln parts
040109	Castables	Castables	Castables	Refractory concrete for casting installation method
040110	Gunning materials	Gunning materials	Gunning materials	Refractory concrete for gunning installation method
040111	Ramming materials	Ramming materials	Ramming materials	Refractory concrete for repairs or filling of small areas (e.g. around air cannon nozzles)

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Examples
040201	Grinding Media, Cylpeps	GrindingMedia-Cylpep	Grinding Media, Cylpeps	Slightly tapered cylindrical grinding media with a ratio of length to diameter of unity.
040203	Grinding Media, Steel Balls, Casted	GrindingMedia-casted	Grinding Media, Steel Balls, Casted	Grinding Media, Steel Balls, Casted
040204	Grinding Media, Steel Balls, Forged	GrindingMedia-Forged	Grinding Media, Steel Balls, Forged	Grinding Media, Steel Balls, Forged
040301	Table Linings, Grinding Tracks	Table Lining	Table Linings, Grinding Tracks	All wear surface on a Vertical Mill at the grinding table.
040302	Roller Linings	Roller Linings	Roller Linings	Linings for rollers on Vertical Mills
040303	Dam Ring Plates	Dam Ring Plates	Dam Ring Plates	Linings to control Height of the grinding profile at a Vertical Mill table.
040304	Diaphragm Linings	Diaphragm Linings	Diaphragm Linings	On horizontal mills linings for intermediate Diaphragm
040305	Inlet And Outlet Linings	Inlet&Outlet Linings	Inlet And Outlet Linings	On horizontal mills linings for inlet and outlet Diaphragm
040306	Shell Linings	Shell Linings	Shell Linings	On horizontal mills shell linings
040399	Other Tube Mill Lining Elements Including linings	Other Mill Lining	Other Tube Mill Lining Elements Including linings	Please only use this class if the item cannot be classified under a specific PSCS
040401	Wear Parts For Kilns And Pre-heaters	S&W Kiln&Pre-heater	Wear parts For Kilns And Pre-heaters	Not including refractory
040402	Wear Parts For Coolers	S&W Cooler	Wear parts For Coolers	All parts that wear inside the cooler and are replaced as crates and fixing
040403	Wear Parts For Crushers	S&W Crusher	Wear parts For Crushers	Including Hammers and lining of Housing
040404	Wear Parts For Mills	Wear parts For Mills	Wear parts For Mills	Housing parts and Not Linings in milling area
040406	Liners For Silos, Bins, Hoppers, Chutes	Liner-Silo, Bin	Liners For Silos, Bins, Hoppers, Chutes	All liners from preventing material going out from Silos, Hoppers, chutes etc.
040408	Special bolts for Liners	Special bolt-Liner	Special bolts for Liners	Special bolts for Liners
040499	Other Wear Parts	Other Wear Parts	Other Wear Parts	Please only use this class if the item cannot be classified under a specific PSCS
040501	Initiation Systems	Initiation Systems	Initiation Systems	Detonators & accessories, Firing Cables & accessories, surface connectors

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
040502	Main Explosives Nitrates	Explosives Nitrate	Main Explosives Nitrates	Ammonium nitrate/Fuel oil (ANFO), Prilled ammonium nitrate explosives (AN), Fuel oil (FO)
040503	Main Explosives Emulsions	Explosives Emulsion	Main Explosives Emulsions	Slurries, water gels and emulsions
040504	High Explosives	High Explosives	High Explosives	Boosters, Dynamite
040505	Chains, tyres & tracks for Drilling equipment	Chains, tyre&track	Chains, tyres & tracks for Drilling equipment	i.e. Tracks and undercarriage for drill riggs etc.
040506	Wear parts for Drilling tools	S&W-Drilling tool	Wear parts for Drilling tools	Drill bits, drill rods , shanks
040601	Standard Greases	Standard Greases	Standard Greases	"Conventional Greases" - Standard industry grease (e.g. metallic soap lithium, calcium, aluminum or barium) and mineral or synthetic fluid component e.g. NLGI 2, EP2 lithium complex grease
040602	Conventional Oils	Conventional Oils	Conventional Oils	"Conventional Oils" - Mineral Oil CLP / HLP / VDL and TD within standard viscosity range of ISO VG 1 to 1 cSt. - Motor Oil e.g. SAE 1W4, SAE 15W4, SAE 3 and ATF. - Synthetic Oils e.g PG, POA, Silicon and Ester.
040603	Open Gear Lubricants	Open Gear Lubricants	Open Gear Lubricants	Open Gear Lubricants
040604	Special Application Lubricants/fluids	Special Lubricant	Special Application Lubricants/fluids	Alternative lubricants.
040701	Filter Bags For Bag Filters	Filter Bag	Filter Bags For Bag Filters	For bag houses and dedusting filters
040702	Filter Elements	Filter Elements	Filter Elements	As in find in lubricating systems
040801	Welding Material, Electrodes	Welding MATL	Welding Material, Electrodes	Welding Material, Electrodes
040802	Welding Material, Welding Rods	Welding Material-Rod	Welding Material, Welding Rods	Welding Material, Welding Rods
040803	Welding Material, Welding wire	Welding MATL-wire	Welding Material, Welding wire	Welding Material, Welding wire
040804	Welding gases	Welding gases	Welding gases	Welding gases

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
040899	Welding Material, Other	Welding MATL-Other	Welding Material, Other	Please only use this class if the item cannot be classified under a specific PSCS
040901	Cast Articles	Cast Articles	Cast Articles	Cast articles typically made out of steel or iron
040902	Fabricated Assemblies	Fabricated Assembly	Fabricated Assemblies	Including: blades, Fan blades, impellers, propellers
040903	Flooring Grids	Flooring Grids	Flooring Grids	Incl.: Steel Angles, Channels, Rounds etc
040904	Nettings	Nettings	Nettings	Different nettings, used for replacement in our sieves
040905	Profiles	Profiles	Profiles	Metal profiles in various shapes (H, L, I, T etc), used for construction
040906	Sheets	Sheets	Sheets	Metal sheets, used in construction of industrial buildings for floors, stars, cladding etc
040907	Sieves	Sieves	Sieves	Sieves- finished products
040908	Threaded Rods	Threaded Rods	Threaded Rods	Threaded rods
040909	Tubes And Pipes	Tubes And Pipes	Tubes And Pipes	Including: Iron chains, sheeks
040910	Wires, Wire Ropes	Wires, Wire Ropes	Wires, Wire Ropes	Wires, typically zinc or steel, used for construction (not for electrical installations)
040911	Other Steel Semi finished Material	Other Steel SF MATL	Other Steel Semi finished Material	Steel shapes, typically custom made
040913	Asbestos	Asbestos	Asbestos	Asbestos as semi-finished product
040916	Cardboard	Cardboard	Cardboard	Corrugated and non-corrugated cardboards
040918	Fabrics	Fabrics	Fabrics	Fabrics as semi-finished product, except for filter cloth
040919	Felt	Felt	Felt	As for example the ones used for sealing doors in equipment
040920	Glass	Glass	Glass	Glass as semi-finished product, doesn't include windows
040921	Hoses	Hoses	Hoses	For general and special purposes with or without fixings
040923	Plastics - Profiles, Sheets, Other	Plastic-Profile	Plastics - Profiles, Sheets, Other	TH: including tubes made of PVC
040924	Ropes	Ropes	Ropes	All ropes, except steel ropes
040925	Rubber - Profiles, Sheets, Other	Rubber-Profile	Rubber - Profiles, Sheets, Other	Rubber as semi-finished product (not for conveyor belts)
040927	Wood	Wood	Wood	Wood as semi-finished material

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
040929	Non Ferrous Metals	Non Ferrous Metals	Non Ferrous Metals	Non-ferous metals, like alluminium and copper
040930	Mould Boxes (Including Liners, Plates)	Mould Boxes	Mould Boxes (Including Liners, Plates)	Mould boxes (finished products), used in laboratory or for making of cast articles
040931	Belts for conveyors	Belts for conveyors	Belts for conveyors	Belts for conveyors
040999	Other Semi finished Material	OtherSF Material	Other Semi finished Material	Please only use this class if the item cannot be classified under a specific PSCS
041011	Couplings And Fittings	Coupling& Fitting	Couplings And Fittings	Including: flanges
041017	Fasteners	Fasteners	Fasteners	Including for castables and bricks
041101	Tires For Off-road (not mining) Mobile Equipment	Tires Off-road Equip	Tires For Off-road (not mining) Mobile Equipment	i.e. forklifts etc.
041102	Tires For On-road Mobile Equipment	TiresOn-road Equip	Tires For On-road Mobile Equipment	i.e. tires for delivery trucks, company cars etc.
041103	Tires For Mining Mobile Equipment	Tires Mining Equip	Tires For Mining Mobile Equipment	i.e. tires for quarry trucks, wheeled loaders and ancillary equipments
041104	Chains & tracks for Mining mobile Equipment	Chain&track Mining	Chains & tracks for Mining mobile Equipment	i.e. chains for wheel loaders, tracks for excavators etc.
041199	Other Tires	Other Tires	Other Tires	i.e. wheel rims etc. ...Please only use this class if the item cannot be classified under a specific PSCS
041206	Calibration gases	Calibration gases	Calibration gases	mixture
041207	Laboratory gases, materials and consumables	Laboratory material	Laboratory gases, materials&consumables	O2, H2, Nitrate, Sulphate, Chloride, filters, glass tubes, filter paper and consumables
041208	Radioactive sources and neutron tubes	Radioactive sources	Radioactive sources and neutron tubes	Radio active sources, Cf, Cs, neutron tubes
041301	Press Paper	Press Paper	Press Paper	Paper used for printing in a press
041302	Filter Cloth	Filter Cloth	Filter Cloth	Semi-finished materials, used as replacement in filters
041303	Fixings	Fixings	Fixings	Screws, nuts, nails, washers and bolts
049901	All Abrasive Material	All Abrasive MATL	All Abrasive Material	Grinding wheels, sand paper, polishing mops
049902	Adhesives, Glues	Adhesives, Glues	Adhesives, Glues	Adhesives, glues

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Examples_Examples
049903	Cartridges For Technical Instruments	Cartridges	Cartridges For Technical Instruments	Various cartridges, including re-filling services. Printer/fax/copiers are excluded, there is a separate PSCS code
049904	Chalks	Chalks	Chalks	As for example the ones used for mechanical purposes, e.g. oil absorber
049905	Chemicals	Chemicals	Chemicals	Not for laboratory usage please check Laboratory MRO
049906	Cleaning Material	Cleaning Material	Cleaning Material	Various chemicals and materials used for cleaning
049907	Loctite Products	Loctite Products	Loctite Products	Bonding adhesives, such as cyanoacrylates, epoxies and hot melts Protective coatings for industrial equipment Flooring and concrete repair sealants and topcoats Gasketing and sealing products
049908	Magnaflux Products	Magnaflux Products	Magnaflux Products	For revealing on dust collectors
049909	Non-destructive Testing Products	Non-destructive Test	Non-destructive Testing Products	Used in Maintenance e. g. pH test paper, acids and bases which don't destruct the product to test
049910	Mastics	Mastics	Mastics	Sealants (i.e. silicone, polyurethane)
049911	Paints	Paints	Paints	Paints
049914	Soldering Material	Soldering Material	Soldering Material	Solder wire, solder paste, solder bar, fluxes
049915	Strings	Strings	Strings	Strings
049916	Tapes- Adhesive, Masking, Other	Tape-Adhesive, Mask	Tapes- Adhesive, Masking, Other	Tapes
049917	Varnishes	Varnishes	Varnishes	Protective finish or film that is primarily used in wood finishing but also for other materials
049918	Mould Making Resins & Materials	Mould Making Resins	Mould Making Resins & Materials	Resin and other materials used for making molds
049919	Water	Water	Water	Process water or public utility water (not bottled water for drinking)
049999	Other Consumable Material	Other Consumable	Other Consumable Material	Please only use this class if the item cannot be classified under a specific PSCS
050102	Office Furniture	Office Furniture	Office Furniture	Desks, chairs, cabinets, etc.
050106	Paper, Paper Products	Paper, Paper Product	Paper, Paper Products	Paper as office supply, including paper products (notebooks, stickers etc)

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
050108	Printing Toner & cartridges	Toner & cartridge	Printing Toner & cartridges	Printing Toner & cartridges, including refills
050109	Stationery Supplies	Stationery Supplies	Stationery Supplies	commercially manufactured writing materials, including cut paper, envelopes, writing implements, continuous stationery, and other office supplies
050110	Publications (General, internal comm.)	Publication	Publications (General, internal comm.)	Internal communication publications (posters, flyers, brochures, etc.) and general publications (newspapers, magazines, etc.)
050199	Other Office Supplies	Other Office Supply	Other Office Supplies	Please only use this class if the item cannot be classified under a specific PSCS
050205	IT Workplace Hardware & Service	Hardware&Service	IT Workplace Hardware & Service	All devices used by end user including Laptops, Desktops, Printers(full service printing), Phones, Tablets and Financial or Operational Leasing, etc.
050206	IT Hardware Servers & Storage	Servers & Storage	IT Hardware Servers & Storage	Servers and hardware related to them like storage, UPS and tapes including outsourcing services like data center, as a service models, management of devices i.e. Network acceleratos as a service
050207	IT Network & Services	Network & Services	IT Network & Services	Services related to the (LAN/WAN) networks management including all switches, routers, firewalls, proxys and own managed equipment like network accelerators, data lines and data center interlinks and web conferencing services.
050211	IT Software & Maintenance	Software&Maintenance	IT Software & Maintenance	Operating systems softwares, ERP (SAP, Oracle, etc), CRM, Data Center software(like Citrix, SQL), Prometheus,Search appliances, Chrome box, Google apps and related Licences and maintenance
050215	IT Telecommunication Services	Telecom Service	IT Telecommunication Services	Voice (Fixed and Mobile), Video conferencing and audio conferencing

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
050301	General Hand Tools (Hammers, Wrenches, Screwdriver, etc.)	General Hand Tool	General Hand Tools (Hammers, Wrenches, Screwdriver, etc.)	General hand tools
050302	Drilling Tools	Drilling Tools	Drilling Tools	Drilling Tools
050303	Lathe Tools	Lathe Tools	Lathe Tools	Lathe Tools
050304	Grinding Tools	Grinding Tools	Grinding Tools	Grinding Tools
050305	Measuring Devices	Measuring Devices	Measuring Devices	Including Geology measuring tools. i.e.. theodolite
050306	Wear Parts For Tools	Wear Parts For Tools	Wear Parts For Tools	Exchangeable. i.e. Grinding discs
050307	Cutting Tools	Cutting Tools	Cutting Tools	Cutting Tools
050308	Storage & small handling equipment & supplies	Storage&handle Equip	Storage & small handling equipment & supplies	Cabinets, boxes, carts, hand trucks, shalves and storage racks
050399	Other Workshop tools & supplies	Other tools&supplies	Other Workshop tools & supplies	Please only use this class if the item cannot be classified under a specific PSCS
050501	Drugs, Vaccines	Drugs, Vaccines	Drugs, Vaccines	Drugs, Vaccines
050502	First Aid Kits	First Aid Kits	First Aid Kits	First Aid Kits
050599	Other Medical Supplies	Other Medical Supply	Other Medical Supplies	Please only use this class if the item cannot be classified under a specific PSCS
050601	Fire Extinguishers, Related	Fire Extinguisher	Fire Extinguishers, Related	Purchase of fire extinguishers and service of maintenance and inspection
050602	Personal Protective Equipment	Personal Protective	Personal Protective Equipment	Personal Protective Equipment, including services of maintenance
050603	Personnel Uniforms	Personnel Uniforms	Personnel Uniforms	Personnel Uniforms, including t-shirts
050604	Inertization gases	Inertization gases	Inertization gases	CO2, N2
050699	Other Safety & Protective Material & supplies	Other Safety MATL	Other Safety & Protective Material & supplies	General purposes; e.g. windex. Please only use this class if the item cannot be classified under a specific PSCS
050701	Cleaning And Janitorial Supplies	Cleaning Supplies	Cleaning And Janitorial Supplies	I.e.. soap and deodorants
050702	Cleaning And Janitorial Equipment	Cleaning Equipment	Cleaning And Janitorial Equipment	I.e.. mops

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Examples
050801	Food And Beverage	Food And Beverage	Food And Beverage	Vending machines, fruit, soft drinks, bottled water. Food purchased by LH which is bering prepared in canteen (if LH supplies it)
050901	Bricks	Bricks	Bricks	Not refractory
050902	Cement For Internal Use	Cement-Internal Use	Cement For Internal Use	Not the one locally produced.
050903	Insulation Materials	Insulation Materials	Insulation Materials	Insulation Materials
050904	Roofing Materials	Roofing Materials	Roofing Materials	Roofing Materials
050905	Structural Materials	Structural Materials	Structural Materials	Structural Materials
050906	Windows, doors	Windows, doors	Windows, doors	Windows, doors
050999	Other Construction Materials	Construction MATL	Other Construction Materials	Please only use this class if the item cannot be classified under a specific PSCS
051001	Promotional items	Promotional items	Promotional items	Promotion activities, merchandising, give-away, vouchers
051002	Point of Sales (POS) materials	Point of Sales MATL	Point of Sales (POS) materials	Communication and promotion material incl. Signage
051003	Marketing Publications	MarketingPublication	Marketing Publications	Printed material (publications, flyers, data sheets, newsletters etc.)
059999	Other Administrative Tools and supplies	Other Admin Tool	Other Administrative Tools and supplies	Please only use this class if the item cannot be classified under a specific PSCS
070301	Pallet	Pallet	Pallet	Pallets made of wood or plastic, ISO 1 (EURO) and 2 (industrial) or customized design.
070303	Strech and Shrink hood and film	Strech&Shrink Film	Strech and Shrink hood and film	Plastic (PE) film and hoods that is applied at the end of the palletization process to hold the pallet stable during the transportation or protect from weather. This plastic film shrinks (reduce in size) once applied onto the pallet or stretches before application.
070304	Stretch and shrink hood	Strech&Shrink hood	Stretch and shrink hood	Plastic hood (PE) that is applied at the end of the palletization process to hold the pallet stable during the transportation and protect from weather conditions. This plastic hood shrinks (reduce in size) once applied onto the pallet or stretches before application.

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
070305	Flat foil	Flat foil	Flat foil	A simple plastic film that is applied at the bottom/top of the pallet before paper bags are laid onto it to protect from dust or humidity.
070306	Slip sheet	Slip sheet	Slip sheet	A thick rubber or cardboard sheet that replaces the use of pallet.
070307	Strapping	Strapping	Strapping	PP straps are provided on the pallets loaded with filled cement bags to secure them onto the pallet, and avoid destabilizing the pallet during transportation.
070399	Other packaging supplies	Other packaging MATL	Other packaging supplies	Any other packaging supply not identified from the above sub categories.
080201	Crushers	Crushers	Crushers	Crushers
080202	Blocksplitter	Blocksplitter	Blocksplitter	Used In Precast Factories
080301	Ball Mill	Ball Mill	Ball Mill	A ball mill, a type of grinder, is a cylindrical device used in grinding (or mixing) materials like ores, chemicals, ceramic raw materials and paints. Ball mills rotate around a horizontal axis, partially filled with the material to be ground plus the gri
080302	Roller Mill	Roller Mill	Roller Mill	Occasionally called vertical spindle mills. In a typical arrangement, the material is fed onto a rotating table, onto which steel rollers press down.
080303	Roller Press	Roller Press	Roller Press	This equipment comprising two oppositely rotating rollers which are driven by means of a drive system.
080304	Separator	Separator	Separator	This use cyclonic action to separate dust particles from the gas stream. In a typical cyclone, the dust gas stream enters at an angle and is spun rapidly. The centrifugal force created by the circular flow throws the dust particles toward the wall of the
080305	Ball Mill end	Ball Mill end	Ball Mill end	Ball Mill end
080306	Vertical Roller Mills	Vertical Roller Mill	Vertical Roller Mills	In a typical arrangement, the material is fed onto a rotating table, onto which steel rollers press down.
080307	VRM Table	VRM Table	VRM Table	VRM Table
080308	Roller Press roler	Roller Press roler	Roller Press roler	Roller Press roler
080401	Rotary Dryer	Rotary Dryer	Rotary Dryer	Rotary Dryer

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
080402	Fluid Bed Dryer	Fluid Bed Dryer	Fluid Bed Dryer	Fluid Bed Dryer
080403	Crusher Dryer	Crusher Dryer	Crusher Dryer	Crusher Dryer
080404	Hot Gas Separator	Hot Gas Separator	Hot Gas Separator	Hot Gas Separator
080406	Filter Press	Filter Press	Filter Press	Filter Press
080501	Pre-heater	Pre-heater	Pre-heater	Pre-heater
080502	Pre-calciner	Pre-calciner	Pre-calciner	Pre-calciner
080503	Kiln	Kiln	Kiln	These equipment are used for the pyroprocessing stage of manufacture of Portland and other types of hydraulic cement, in which calcium carbonate reacts with silica-bearing minerals to form a mixture of calcium silicates.
080504	Kiln Burner	Kiln Burner	Kiln Burner	Kiln Burner
080505	Coolers	Coolers	Coolers	Including satellite or horizontal etc.
080601	Packing And Loading equipment	Pack&Load Equip	Packing And Loading equipment	Packing And Loading
080602	Palletizing Systems	Palletizing Systems	Palletizing Systems	Palletizing Systems
080701	Mix Bed Equipment	Mix Bed Equipment	Mix Bed Equipment	Mix Bed Equipment
080702	Pre-blending Systems	Pre-blending Systems	Pre-blending Systems	Pre-blending Systems
080801	Silo Equipment	Silo Equipment	Silo Equipment	Equipment for siloses
080802	Silo Aeration And Discharge Systems	Aeration&Discharge	Silo Aeration And Discharge Systems	Systems needed to air and to discharge cement out of cement silos, important: complete systems (not single parts like ventilators, ...)
080803	Stock Bays (For Storage Of Aggregates)	Stock Bays	Stock Bays (For Storage Of Aggregates)	Construction of stock bays for aggregates in RXM plants
080804	Silos, Stand Alone	Silos, Stand Alone	Silos, Stand Alone	Construction of fixed silos, made of concrete or steel
080901	Screens	Screens	Screens	Screens
080902	Metal separators	Metal separators	Metal separators	Metal separators
081001	Feeders	Feeders	Feeders	Feeders
081101	Scales And Weighers	Scales And Weighers	Scales And Weighers	Scales And Weighers
081102	Weighing And Dosing Systems	Weigh&Dose System	Weighing And Dosing Systems	Weighing And Dosing Systems

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Examples
081201	Bag Filter (Bag house)	Bag Filter	Bag Filter (Bag house)	Dedusting Filter, Bag House
081202	ElectroStatic Precipitator (ESP)	ESP	ElectroStatic Precipitator (ESP)	ElectroStatic Precipitator (ESP)
081299	Other Environmental Equipment	Other Environ Equip	Other Environmental Equipment	Please only use this class if the item cannot be classified under a specific PSCS
081301	Belt Conveyors	Belt Conveyors	Belt Conveyors	Belt Conveyors
081302	Chain Conveyors	Chain Conveyors	Chain Conveyors	Chain Conveyors
081303	Bucket Elevators	Bucket Elevators	Bucket Elevators	Bucket Elevators
081304	Apron Conveyors	Apron Conveyors	Apron Conveyors	Like the apron feeder
081305	Screw Conveyor	Screw Conveyor	Screw Conveyor	Screw Conveyor
081399	Other Mechanical Conveyors	Other MECH Conveyor	Other Mechanical Conveyors	Please only use this class if the item cannot be classified under a specific PSCS
081401	Air Slide	Air Slide	Air Slide	Air Slide
081402	Air Lift / Pneumatic Elevator	Air/Pneu Lift	Air Lift / Pneumatic Elevator	Pneumatic Elevator that use pipes and a blower to transport material
081403	Pneumatic Pump	Pneumatic Pump	Pneumatic Pump	Pneumatic Pump
081404	Pneumatic Transport Vessel	Pneu Trans Vessel	Pneumatic Transport Vessel	Pneumatic Transport Vessel
081499	Other Pneumatic Conveyors	Other Pneu Conveyor	Other Pneumatic Conveyors	Please only use this class if the item cannot be classified under a specific PSCS
081501	Continuous Mixer	Continuous Mixer	Continuous Mixer	Continuous Mixer
081502	Batch Mixer	Batch Mixer	Batch Mixer	Batch Mixer
081599	Other Mixers	Other Mixers	Other Mixers	Please only use this class if the item cannot be classified under a specific PSCS
081601	Compressors	Compressors	Compressors	Compressors
081602	Blowers	Blowers	Blowers	Blowers
081603	Fans	Fans	Fans	Fans
081604	Air Separators	Air Separators	Air Separators	Not for milling process, please check 080304
081699	Others For Aeration And Exhaust Systems	Other Exhaust System	Others For Aeration And Exhaust Systems	Please only use this class if the item cannot be classified under a specific PSCS
081701	Pumps	Pumps	Pumps	Not Pneumatic, please check 081403
081801	Ducting And Piping	Ducting And Piping	Ducting And Piping	Supply and installation of pipes and ducts

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
081903	Gearboxes	Gearboxes	Gearboxes	Gearboxes
082002	Personal Elevators	Personal Elevators	Personal Elevators	Elevatros used for vertical transportation of personnel, in office and industrial buildings
082003	Loading, Unloading Fixed Equipment	Load&Unload Equip	Loading, Unloading Fixed Equipment	Loading, Unloading Fixed Equipment
082099	Other Lifting Equipment	Other Lifting Equip	Other Lifting Equipment	Please only use this class if the item cannot be classified under a specific PSCS
082103	Single lab quality control equipment	Lab quality control	Single lab quality control equipment	Laser particle size analyser, color analyser, microscopy, grinding mills, jaw crusher, sieves, tablet/pellet press, oven, fusion unit, furnace, precision balance, lab compressors,hot plate distiller, sieve shaker, calorimeter, mixers, mortar mixer, climatic chamber/moist room equipment, autoclave, granulometer, micro wave digester, pyrometer, micro meter, TCS, TGA, blain measurement, including software, spare parts & consumables and services
082104	Chemical analytical equipment (XRF, XRD, ICP)	XRF, XRD, ICP Equip	Chemical analytical equipment (XRF, XRD, ICP)	XRD, XRF, ICP equipment, voltage stabilizor, water/water cooler, air/water cooler, analytical analyser, including software, spare parts & consumables and services
082105	Online material analyzer	Online MATL analyzer	Online material analyzer	PGNAA, online blain measurement, including software, spare parts & consumables and services
082106	Sampling & automatic quality control equipment	Sample&quality Equip	Sampling & automatic quality control equipment	Sampling units, sending/receiving stations, tube mail systems, online preparation, robots, automatric lab, dedusting units, including software, spare parts & consumables and services
082201	Land And Surroundings	Land And Surrounding	Land And Surroundings	Purchase of land
082202	Traffic, Areas And Systems	Traffic, Area&System	Traffic, Areas And Systems	Including: work signs, traffic signs, ...
082203	Water drainage	Water drainage	Water drainage	Constructino of water drainage systems and installations

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Explanations_Examples
082204	Public Installations	Public Installations	Public Installations	Cost paid for public facilities, like sidewalk, streetlight, bridge, etc.
082205	Harbor	Harbor	Harbor	Construction and remodeling of harbors
082206	Dwellings	Dwellings	Dwellings	Construction of residence buildings for personnel
082209	Heating, Ventilation, Air Condition	Heating&Ventilation	Heating, Ventilation, Air Condition	Purchase of HVAC
082210	Water, Supply, Treatment And Distribution	Water, Supply DIST	Water, Supply, Treatment And Distribution	Construction of water supply and distribution installation
082211	Sewage Disposal And Treatment Facilities	Sewage Disposal FAC	Sewage Disposal And Treatment Facilities	Construction of sewage and waste water treatment facilities
082212	Washing Plant For Aggregates	Washing Plant	Washing Plant For Aggregates	Construction of washing plant for aggregates
082401	Precast Concrete Press	PrecastConcretePress	Precast Concrete Press	Precast Concrete Press
082501	Asphalt Mixed Materials Storage	Asphalt MATL Storage	Asphalt Mixed Materials Storage	Construction of asphalt materials storage
082502	Tanks	Tanks	Tanks	Construction of tanks for liquids
082601	Wheel loaders	Wheel loaders	Wheel loaders	Wheel loaders
082602	Haul trucks (dumper)	Haul trucks (dumper)	Haul trucks (dumper)	Haul trucks (dumper)
082603	Excavators	Excavators	Excavators	Excavators
082604	Cranes	Cranes	Cranes	Mobile Cranes, Tower Cranes etc.
082605	Drill rigs	Drill rigs	Drill rigs	Drill rigs
082606	Skid steer loader	Skid steer loader	Skid steer loader	Skid steer loader
082607	Forklifts	Forklifts	Forklifts	Forklifts
082608	Graders	Graders	Graders	Graders
082609	Telehandlers	Telehandlers	Telehandlers	Telehandlers
082610	Dozers	Dozers	Dozers	Dozers
082611	Paver & compactors	Paver & compactors	Paver & compactors	Paver & compactors
082612	Backhoe/loader	Backhoe/loader	Backhoe/loader	Backhoe/loader
082699	Other off-road mobile equipment	Other off-road Equip	Other off-road mobile equipment	i.e. rail car movers, ...Please only use this class if the item cannot be classified under a specific PSCS
082701	Mixer trucks	Mixer trucks	Mixer trucks	Mix trucks with drums

KATEGORI BARANG YANG BISA DIPASOK (EQUIPMENT & SPARE PART DLL)

NO. MATERIAL GROUP	MATERIAL GROUP NAME	MAT GROUP Short Description (20 character)	MAT GROUP Long Description (60 character)	MAT GROUP_Examples
082702	Aggregate trucks (tipper)	Aggregate trucks	Aggregate trucks (tipper)	Aggregate trucks (tipper)
082703	Tractors	Tractors	Tractors	Tractors
082704	Silo trailer	Silo trailer	Silo trailer	Silo trailer
082705	Mixer trailer	Mixer trailer	Mixer trailer	Mixer trailer
082706	Concrete Pumps	Concrete Pumps	Concrete Pumps	Concrete Pumps
082799	Other on-road mobile equipment	Other on-road Equip	Other on-road mobile equipment	...Please only use this class if the item cannot be classified under a specific PSCS
082801	Vehicle (Owned)	Vehicle (Owned)	Vehicle (Owned)	Owned passenger cars, Light van, mini bus
082802	Pick-up trucks	Pick-up trucks	Pick-up trucks	Pick-up trucks
082901	Locomotives	Locomotives	Locomotives	Locomotives
082902	Wagons (railcars)	Wagons (railcars)	Wagons (railcars)	Wagons (railcars)
083001	Barges	Barges	Barges	Barges
083002	Ship	Ship	Ship	Ship
083101	Co-generation equipment	Co-generation Equip	Co-generation equipment	Including waste heat recovery
083102	Turnkey power plant	Turnkey power plant	Turnkey power plant	Including all types of plants: coal, gas, fuel, renewable
083201	Scrubber barrels	Scrubber barrels	Scrubber barrels	Scrubber barrels
083202	Logwashers	Logwashers	Logwashers	Logwashers
083203	Hydrocyclones	Hydrocyclones	Hydrocyclones	Hydrocyclones
083204	Classifier tanks, Hydrosizers and Screw classifiers	Classifier tank	Classifier tanks, Hydrosizers and Screw classifiers	Classifier tanks, Hydrosizers and Screw classifiers
083205	Thickener & settling tanks	Settling tanks	Thickener & settling tanks	Thickener & settling tanks
089999	Other Plant, Equipment And Infrastructure	Other Equip	Other Plant, Equipment And Infrastructure	Please only use this class if the item cannot be classified under a specific PSCS