

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
PA1	AUTOMOTIVE				
	01	Auto Accessories			
	02	Tyre & Parts			
	03	Spare Parts			
	04	Air-Conditioner			
	05	Prime Mover			
	06	Trailer			
	07	Overhead Crane			
	08	Motor Vehicle			
	09	Test Equipment and Instrumentation			
	10	Aviation Vehicle			
PC1	CHEMICALS				
	01	Acidizing Chemicals			
		01	Hydrochloric Acid		
		02	Hydrofluoric Acid		
		03	Formic Acid		
		04	Acetic Acid		
		05	Acid Fracturing and Acidizing Additives		
	02	API Class G Cement			
	03	Cementing Chemicals			
		02	Cementing Additives		
	04	Drilling Fluid/Workover Chemicals			
		01	Barites		
		02	Inorganic Chemicals		
		03	Treatment Chemicals for Oil - Base Muds		
		04	Stuck Pipe Chemicals		
		05	Base Oil		
		06	Weighting Materials		
		07	Clays		
		08	Deflocculants		
		09	Viscosifiers and Fluid Loss Reducers		
		10	Oxygen and Hydrogen Sulphide Scavengers		
		11	Corrosion Inhibitors and Biocides		
		12	Loss Circulation Materials		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	05	Production Chemicals			
		01	Pour Point Depressant		
		02	Crude Drag Reducer (CDR)		
		03	Catalyst		
		04	Biocides/SRB Control		
		05	Corrosion Inhibitors and Biocides (eg. Paraformaldehyde)		
		06	Deoiler/Floatation Agent		
		07	Descaler/Scale Inhibitor		
		08	Dehydration		
		09	Sludge Breaker		
		10	Water Clarifier		
		11	Demulsifiers & Emulsifiers		
	06	Oil Spill Treating Chemicals			
		01	Oil Spill Treating Chemicals		
	07	Paint			
		01	Decorative		
		02	Industrial		
	08	Industrial Chemicals			
		01	Industrial Detergent		
		02	Water Displacing		
		03	Solvent		
		04	Degreasing Agent		
		05	Lubricants		
		06	Corrosion Inhibitor		
	09	Laboratory Chemicals			
	10	Decontamination Chemicals			
		01	Decontamination Chemicals		
	11	Common Chemicals			
		01	Common Cooling Water Treatment Chemical		
		02	Common Boiler Treatment Chemical		
		03	Blended Chemicals		
		04	Water Injection Chemicals		
		05	Commodity Chemicals		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	12	Application Gases			
	13	Customized Chemical			
		01	Customized Boiler Treatment Chemical		
		02	Integrity Chemicals		
		03	Customized Cooling Water Treatment Chemical		
	14	Additives			
	15	Process Media			
		01	Activated Alumina , Anthracite, Silica Gel, Sand and Gravel		
		02	Activated, Carbon, Fibre and Cloth		
		03	ION Exchange Resin		
		04	Catalyst		
PC2	CONTAINERS				
	01	Marine Equipment			
		01	Dry Container Box		
		02	Reefer Container Box		
		03	Reefer Machinery Unit		
		04	Reefer Machinery Spares		
	02	Accessories & Parts			
		01	Security Seals		
		02	Lashing Gears		
		03	Container Spreaders/Lifting Equipment		
		04	Decals		
		05	DG Label		
		06	Flexitank (for 20' ISO containers)		
	03	Intermediate Bulk Containers (IBC) System			
	04	LPG Cylinders and Accessories			
		01	Plastic Tag		
		02	Cap Seal		
		03	LPG Cylinders		
		04	LPG Pallet		
PD1	DRILLING EQUIPMENT AND MATERIALS				
	01	Drill Bits and Accessories			
	02	Specialize Sand Screen, Equipment and Accessories			

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	03	Christmas Tree/Wellhead			
		01	Subsea		
		02	Surface		
		03	Wellhead Gate Valve		
	04	OCTG			
		01	Tubing and Aecessories		
		02	Casing and Aecessories		
		03	Conductor/Connector		
		04	Couplings		
		05	Tubular Thread Protectors		
	05	Auxiliary Cementing and Casing Accessories			
		01	Float Equipment and Accessories		
		02	Centralizer and Accessories		
	06	Liner Hanger & Accessories			
		01	Liner Hanger & Accessories		
	07	Completion Equipment & Accessories			
		01	Subsurface safety Valve		
		02	Control Line and Protector		
		03	Tabular Accessories		
	08	Slickline Equipment/Tools & Spare parts			
PE1	ELECTRICAL				
	01	AC/DC Power Supply System			
		01	UPS - Hybrid Type		
	02	Power Supply System			
		01	Industrial UPS - Static Type		
		02	Commercial UPS - Static Type		
		03	DC Charger		
		04	Solar Power Supply		
		05	UPS - Modular Type		
	03	Batteries			
		02	Lead Acid		
		03	Sealed lead Acid		
		04	Air Polarized		
		05	General Dry Cell		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	04	Cables			
		01	Power & Control - Specific Cable		
		02	Subsea Cable		
		03	Power - Flame Retardant		
		04	Power - Fire Resistant		
		05	Instrument - General		
		06	Instrument - Flame Retardant		
		07	Instrument - Fire Resistant		
		08	Telecommunication - General		
	05	Circuit Breakers			
		01	Air Circuit Breaker		
		02	Moulded Case Circuit Breaker		
		03	Earth Leakage/Voltage Circuit Breaker		
		04	Vacuum Circuit Breaker		
		05	Miniature Circuit Breaker		
		06	S.F.6 Circuit Breaker		
	06	Fuses			
		01	High rupture capacity (HRC Fuse)		
		02	Control Fuse		
	07	Exothermic Welding Connections			
	08	Electrical Parts, Components & Accessories			
		01	Cable Gland & Wiring Accessories		
		02	Junction/Terminal Box		
		03	Explosion Proof Enclosures		
		04	Remote Control Unit/Control Station		
		05	Non Explosion Proof Electrical Parts, Components & Accessories		
		06	Explosion Proof Electrical Part, Components & Accessories		
	09	Cable Trays/Ladders/Conduits			
		01	Metalic		
		02	Non Metalic		
	10	Electrical Heating System			
		01	Heat Tracing System		
		02	Process Heater		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	11	Light Fittings & Accessories			
		01	Non Explosion Proof Light & Fittings		
		02	Navigational Aids (Marine Lanterns & Aircraft Warning Light)		
		03	High Intensity Discharge Type		
		04	Explosion Proof Light & Fittings		
	12	Motors			
		01	AC Motor - General		
		02	AC Motor - Hazardous Area		
		03	DC Motor - Hazardous Area		
		04	DC Motor		
	13	Protection Relay			
	14	Relays			
		01	Protection Relay		
		02	Thermal Overload Relay		
	15	Switchboards, Switchgears & Motor Control Centres (MCC)			
		01	High Voltage Power Fuses		
		02	Low Voltage Switchboard / Switchgear / MCC / Air Circuit Breaker (ACB) / Busbar		
		03	High Voltage Switchboard / Switchgear / Vacuum Circuit Breaker (VCB) / Vacuum Contactor Unit (VCU) / Contactor / Busbar		
		04	Containerized Substation		
	16	Switchboards/Distribution Boards			
		01	For Hazardous Areas		
	17	Switchgears & Motor Control Centres (MCC)			
		01	Low Voltage Switchgear		
		02	Medium Voltage Switchgear		
		03	For Hazardous Areas		
		04	Form 4 Type		
	18	Transformers			
		01	Cast Resin Dry Type		
		02	Oil Immersion Type		
		03	Control Transformer		
	19	Capacitor Banks			
		01	Capacitor Banks		
	20	Earthing, Bonding & Lightning Protection Materials			

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	21	Ignition System			
	22	Distribution Boards & Enclosure			
		01	Explosion Proof Distribution Boards & Enclosure		
		02	Non Explosion Distribution Boards & Enclosure		
	23	Electrical Busduct System			
	24	Telecontrol & Substation Automation System			
	25	Variable Speed Drives and Soft Starter			
	26	Generators			
		01	Closed Cycle Vapour Turbogenerator (CCVT)		
		02	Portable Generator Set 5kW and Below		
		03	Micro Turbine Generator		
		04	Portable Generator Set Above 5kW		
		05	Diesel Engine Driven Generator		
		06	Gas Engine Driven Generator		
	27	Generator Control System			
PH1	HEATING VENTILATION & AIR COND. (HVAC) EQUIPMENT				
	01	Fans			
		01	General		
		02	Hazardous Area		
	02	Filters			
	03	Air Handling Units			
		01	General		
		02	Hazardous Area		
		03	Computer Room		
	04	Fan Coils			
	05	Chillers			
		01	Non-Hazardous Area		
		02	Hazardous Area		
	06	Condenser Units			
		01	Non-Hazardous Area		
		02	Hazardous Area		
	07	Heating, Ventilating & Air Conditioning (HVAC) System			

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	08	Dehumidifier Equipment			
		02	Humidity and Electric resistance insulators		
		03	Humidity Control Unit		
		04	Portable Dehumidifiers		
		05	Refrigerant Dehumidifiers		
	09	Fire Dampers			
P11	INSTRUMENTATION				
	01	Emergency Shutdown (ESD) System			
		01	Safety Programmable Logic Controller		
		02	Solid State		
		03	Pneumatic		
		04	Electro-Mechanical Relay		
	02	Actuators			
		01	Pneumatic Type		
		02	Hydraulic Type		
		03	Electric Type		
			01	MOV	
			02	Solenoid	
	03	Weighing and Measuring Metering and Sales System			
		01	Gas Metering - General		
		02	Gas Metering - Custody Transfer/Fiscal Allocation System		
		03	Liquid Metering - General		
		04	Liquid Metering - Custody Transfer/Fiscal Allocation System		
		05	Multiphase Metering		
		06	Tank Gauge		
		07	Weighing Machine Equipment		
		08	Packaging / Bagging System		
	04	Controllers			
		01	Electronic Type		
		02	Pneumatic Type		
		03	Programmable Controllers		
	05	Convertors			

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	06	Control Panels			
		01	Wellhead Control Panel		
		02	Instrument Control Panel		
		03	Annunciator/Master Shutdown Panel		
		04	Subsea Intervention Valve Panel		
		05	Rotating Machinery Control Panel / System		
	07	Flow Instruments			
		01	Orifice Bodies (fittings, flangers, plates)		
		02	Pneumatic Flow/Temperature/Pressure Recorder		
		03	Density Meters		
		04	Other Flow Instrument		
		05	Flow Switches		
		06	Sight Flow Indicators		
		07	Rotameter		
		08	Positive Displacement Flow Meter		
		09	Flow Computers		
		10	Turbine Flowmeters		
		11	Oil/Water Content and Analyser		
		12	Venturi Tube		
		13	Magnetic		
		14	Vortex		
		15	Pitot / Annubar		
		16	Cone Meter		
		17	Electronic Flow Recorder		
		18	Thermal Mass Flow Meter		
		19	Flow Transmitter		
		20	Flow Nozzle		
		21	Ultrasonic Type		
		22	Coriolis		
	08	Level Instruments			
		01	Level Gauges/Glasses & Cocks		
		02	Float Operated Type		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		03	Displacement Type		
		04	Differential Pressure Type		
		05	Capacitant Type		
		06	Ultrasonic Type		
		07	Level Transmitter		
		08	Tuning Fork		
		09	Radar Type		
		10	Nucleonic Type		
		11	Level Switches		
	09	Monitoring Equipment			
		01	Inline capacitance Probe		
		02	Moisture Analyser		
		03	Sand Probe		
		04	Electronic Counter		
		05	Machinery Condition Monitoring System		
		06	Reid Vapour Analyzers (RVP)		
		07	Human Machine Interface (HMI) & Graphical User Interface (GUI)		
		08	Burner Monitoring Devices		
	10	Sampling System			
	11	Pressure Instruments			
		01	Pressure/DP Transmitter		
		02	Pressure/DP transmitter - Pneumatic		
		03	DP Switches/Gauges		
		04	Pressure / DP Switches		
		05	Pneumatic Pressure Switches		
		06	Pressure Gauge		
		07	Rupture Discs		
		08	Pressure Pilots		
		09	Pressure Transducers		
	12	Temperature Instruments			
		01	Temperature Transmitters		
		02	Temperature Switches		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		03	Thermowells		
		04	Temperature Gauge		
		05	Temperature Sensor / Element		
		06	Multi Point Temperature Multiplexer		
		07	Temperature Controllers		
	13	Process Control & Monitoring system			
		01	Distributed Control system (DCS)		
		02	SCADA System/Telemetry		
		03	Oil-in-water Monitor		
	14	Valves			
		01	Solenoid Valves		
		02	Control valves		
		03	Valve Positioners		
		04	Process Regulators		
		05	Instrument Regulators/Relays		
		06	Thermostatic Valves		
		07	Actuated On/Off Valves		
		08	Valve Accessories and Ancillaries		
		09	LPG Compact Valve		
	15	Instrument Tubings/Accessories			
		01	Instrument Valves and Manifolds		
		02	Tubings		
		03	Fittings		
	16	Calibration Equipment			
		01	Weighting Machine Equipment		
	17	Tank Gauge			
		01	Tank Gauge		
	18	Building Automation			
		01	Building Automation		
	19	Cables			
		01	Fibre Optic		
		02	Telecommunication - General Cable		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		03	Telecommunication - Specific Cable		
		04	Instrument - General Cable		
		05	Instrument - Specific Cable		
		06	Composite Cable		
	20	Quality Measuring Instrument			
		01	Analyzer for Liquid Application Including Sampling System		
		02	Analyzer for Gas Application Including Sampling System		
	21	Real Time Monitoring and Advanced Computer System			
	22	Electronic Tools, Test and Calibration Equipment			
	23	General Instrument Accessories			
PI2	INSULATION				
	01	Hot			
	02	Cold			
	03	Personnel			
	04	Acoustic			
	05	Fire			
PL1	LINEPIPES				
	01	Seamless			
		02	Stainless Steel Seamless Pipes		
		03	Duplex Stainless Steel Seamless Pipes		
		04	Cupro Nickle Seamless Pipes		
		05	Monel Seamless Pipes		
		06	Alloy Steel Seamless Pipes		
	02	Welded Pipe			
		01	Carbon Steel Welded Pipes		
		02	Stainless Steel Welded Pipes		
		03	Duplex Stainless Steel Welded Pipes		
		04	Cupro Nickle Welded Pipes		
		05	Monel Welded Pipes		
		06	Alloy Steel Welded Pipes		
	03	Couplings			
		01	Couplings		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	04	Bends			
	05	Spiral Submerged Arc Welded (SSAW) Pipes			
		01	Carbon Steel Pipes		
		02	Stainless Steel Pipes		
		03	Duplex Stainless Steel Pipes		
	06	Longitudinal Submerged Arc Welded (LSAW) Pipes			
		01	Carbon Steel Pipes		
		02	Stainless Steel Pipes		
		03	Duplex Stainless Steel Pipes		
	07	Electric Resistance Welded (ERW) Pipes			
		01	Carbon Steel Pipes		
		02	Stainless Steel Pipes		
		03	Duplex Stainless Steel Pipes		
	08	Non-Metallic Pipes			
		01	Non Metallic Pipes - Others		
		02	Flexible Fiber Reinforced Pipe (FFRP)		
		03	Thermoplastic Pipes		
		04	Glass Fiber Reinforced Pipes (GFRP)		
		05	Reinforced Thermoplastic Pipes (RTP)		
	09	Internal Lined Pipes			
PM1	MECHANICAL				
	01	Corrosion Protection			
		01	Impress Current		
		02	Anti-slip		
		03	Anodes/Cathode		
		04	Corrosion Monitoring Equipment		
		05	Wrapping Tapes		
		06	Insulating Joints		
		07	Bolt & Nut Protective Cap		
		08	Corrosion/Insulation Coating Material		
		09	Concrete & Reinforcement Material		
		10	Linepipe Mechanical Protection Material		
		11	Erosion Lining		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	02	Chemical Injection Skid			
	03	Vessels Internals			
		01	Contractor Trays		
		02	Inlet Vanes		
		03	Mist Extractors		
		04	Corrugated Plate Interceptor (CPI)		
	04	Cranes			
		01	Pedestal		
		02	Overhead Travelling/Gantry		
		03	Pillar Jib		
		04	Crawler		
		05	Hydraulic Floor Crane		
		06	Offshore Portable Crane		
		07	Telescopic Boom		
	05	Marine Systems			
		01	Anchors		
		02	Single Point Mooring System		
			01	Buoy	
		03	Mooring Ropes		
		04	Wire Ropes		
		05	Fibre Ropes		
		06	Chains		
		07	Boat Fenders		
		08	Deepwater		
			01	Buoys	
			02	Single Point Mooring	
			03	Mooring Line	
			04	Anchor	
		09	Jetty		
			01	Mooring System	
			02	Fendering System	
			03	Product System	

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	06	Marine Accessories			
		01	Timble		
		02	Clips		
		03	Mooring Hawser		
	07	Material Handling			
		01	Chain Sling		
		02	Mini-Containers		
		03	Cargo Baskets		
		04	Hooks		
		05	Tubular Handling System		
		06	Forklift		
		07	Container Handler		
		08	Wire Rope Sling		
		09	Fibre Rope Sling		
		10	Webbing Sling		
		11	Drum Sling/Lifters		
		12	Plates Grips/Clamps		
		13	Plates Bars		
		14	Load Binders		
		15	Cargo Nets		
	08	Filters Element & Accessories			
		01	Process Filter		
		02	Water Filters		
			01	Catridge Filter	
		03	Desander		
		04	Water Filters		
			02	Micro / Ultra / Nano Filter	
			03	Fresh Water Reverse Osmosis	
		06	Aviation Filters (Jet A1 & Avgas)		
		07	Glycol Filters		
		08	Oil Filters		
		09	Fuel Filters		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		10	Water Filters		
			04	Electro De-ionization (EDI)	
		11	Air Filters		
		12	Gas Filters		
		13	Duplex Filters		
		14	Hydraulic Circuit Filters		
	09	Flare Stack System & Accessories			
	10	Transmission Equipment			
		01	Gearbox and Gears		
		02	Couplings		
		03	Belts and Chains		
		04	Pulleys, Sheaves & Sprocket		
		05	Fluid / Turbo Coupling		
	11	Bearings			
	12	Dehydration System			
		01	Glycol		
		02	Air		
	13	Unfired Pressure Vessel Class 1 (<32 mm wall thickness)			
		01	Pressure Vessel		
		02	Strainer		
		03	Coalescer		
		04	Towers		
		05	Spheres		
		06	Aviation Filter Vessel (Jet A1 & Avgas) Parts		
	14	Unfired Pressure Vessel Class II (32-50 mm wall thickness)			
		01	Pressure Vessel		
		02	Strainer		
		03	Towers		
		04	Spheres		
	15	Unfired Pressure Vessel Class III (>50 mm wall thickness)			
		01	Pressure Vessel		
		02	Strainer		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		03	Coalescer		
		04	Towers		
	16	Heat Process Equipment (Fired)			
		01	Fired Heaters		
		02	Boilers		
		03	Boiler Tubes		
		04	Incinerators		
		05	Furnaces		
		06	Burners		
	17	Heat Process Equipment (Unfired)			
		01	Shell & Tube Heat Exchanger		
		02	Double Pipe/Fintube		
		03	Hampson coil/Braized Aluminium Plate Fin		
		04	Air Cool Heat Exchanger		
		05	Plate Type Heat Exchanger		
		06	Transfer Line Exchanger		
		07	Printed Circuit Heat Exchanger		
		08	Cooling Tower		
	18	Waste Heat Recovery Unit			
			01	Fired Heaters	
			02	Unfired	
	19	Water Treating Equipment			
		01	Hypochlorinator Package		
		02	Corrugated Plate Inhibitors (CPI)		
		03	Induced Gas Flotation (IGF)		
		04	Hydro Cyclone		
		06	Sewage Treatment Unit		
		07	Effluent Treatment System Spare Parts and Components		
	20	Hoses			
		01	Couplings		
		02	Chemical Transfer		
		03	General Purpose (excluding OEM Hoses)		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		04	Flexible Drainpipes		
		05	Petroleum Product Transfer		
	21	Hydraulic Power Unit / Power Pack			
	22	Jet Fuel System			
	23	Helicopter Fuel System			
		01	Refuelling System		
	24	Atmospheric Tanks			
		01	Transportable Tanks		
		02	Vertical Cylindrical Tanks (Welded)		
		03	Bolted Tanks		
		04	Fibreglass Tanks		
		05	IBC Tank		
		06	Tote Tank		
	25	Seal			
		01	Mechanical		
		02	Packings		
	26	Pigging Accessories			
		01	PIG		
		02	End Closures		
		03	Scraper Launcher & Receiver		
		04	PIG Signallers		
	27	Water Maker/Desalination			
		01	Reverse Osmosis		
		02	Vapour Compression		
		03	Distillation Unit		
	28	Pipe Fittings			
		01	Non-Metal Fittings and Flanges		
		02	Carbon Steel Fittings (exc. Elbow & reducer)		
		03	Carbon Steel Flanges		
		04	Stainless Steel Fittings		
		05	Stainless Steel Flanges		

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Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		06	Gaskets		
			01	Standard Gaskets	
			02	Specialized Gasket	
		07	Bolting Materials (exclude OEM)		
		08	Cadmium Plated Fluoro Carbon coded bolting material		
		09	Pipe Support & Accessories		
		11	Piping Specialty Items		
			01	Expansion Joint / Bellow	
			02	Corrosion access fitting / coupon holder / probe	
			03	Chemical Injection / Sampling quill assembly	
			04	Auto drainer	
			05	Steam Traps	
			06	Y Strainer, Conical Strainer and Basket Strainer	
		12	Spade, Blind, Spacer		
		13	Alloy Fitting & Flanges		
		14	Cupro Nickel & Monel Fitting & Flanges		
	29	Specialised Connectors & Joints			
	30	Hand Tools			
		01	Pneumatic		
		02	Electric		
		03	General (hand powered)		
		04	Welding Equipment		
	31	Manlift			
		01	Stationary		
		02	Mobile		
	32	Winches/Hoists			
		01	Hand Winch		
		02	Air Hoist		
		03	Electrical Hoist		
		04	Chain Block/Trolley		
	33	Welding Consumables			
		01	Electrodes		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	34	Gritblasting			
		01	Abrasive Material		
		02	Blasting Equipment & Accessories		
	35	Testing Equipment			
		01	Localised High Pressure Testing		
	36	Mist Eliminator			
	37	Mercury Removal Unit			
	38	Tank Cleaning Equipment			
		01	Tank Cleaning Equipment		
	39	CNG Conversion			
	40	Heavy Vehicle			
	41	Fluid Transfer Equipment			
		01	Loading Arms		
		02	Gantry Loading Arms		
	42	NGV Refuelling Facilities			
		01	NGV Compressor		
		02	NGV Dispensers		
		03	Electrical Panels		
		04	Piping		
		05	Storage Cascade		
	43	NGV Conversion			
		01	NGV Conversion		
	44	CO2 Removal System			
		01	Membrane System		
		02	Amine System		
	45	Locomotive			
	46	Bogie, Wagon & Accessories			
	47	LPG Filling System			
		01	Proprietary LPG Filling Equipment		
		02	LPG Filling Software		
		03	Non Proprietary Parts		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	48	Sootblowers			
		01	Parts replacement		
	49	Special Pipe Support & Services			
	50	Exhaust Stack & Accessories			
	51	Bulk Material Handling System and components			
	52	Refractory			
	53	Vent System			
	54	LPG Bulk Equipments Accessories			
		01	LPG Bulk Tank		
		02	Vaporiser - Wet Type		
		03	Vaporiser - Dry Type		
		04	Oil separator		
PM2	MARINE VESSEL PARTS & ACCESSORIES				
	01	Spare Parts - Main Engine			
		01	SMESUL -parts for New Sulzer Diesel		
		02	SMEBNW - parts for Man B & W		
		03	SMETCR - spares for any turbocharger fitted on main engine		
		04	SME - for other component attach to main engine such as control system, filters, governors, detectors etc		
		05	Other spare parts		
	02	Spare Parts - Generators			
		01	SGEBNW - for Man B&W diesel auxiliary		
		02	SGEDAI - for Daihatsu diesel auxiliary		
		03	SGETCR - for turbocharger fitted on auxiliary engine		
		04	SGEWAR - for Wartsila diesel auxiliary		
		05	SGEYAN - for Yanmar diesel auxiliary		
		06	SGE - diesel auxiliary other than the above		
		07	Other spare parts		
	03	Spare Parts - Purifiers			
		01	SPUAL - spare for alfa laval purifier		
		02	SPU - All other brand of purifiers		
	04	Spare Parts - Boilers			
		01	SBO - for boiler and it fittings including burning equipment		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	05	Spare Parts - Air Compressors			
		01	SCO - for air compressor, air bottle and their fittings.		
	06	Spare Parts - Pumps			
		01	SPP - for all types of pumps including electrical motors		
	07	Other spare parts			
		01	SNODKM - for deck machinery such as deck crane, mooring winches, gangway, etc)		
		02	SNOELE - for electrical equipment excluding motors for pumps		
		03	SNONAV - for navigation/radio/communication equipments		
		04	SNO - for all other equipment other than the above		
	08	Spare Parts - Homogenizer			
		01	Homogenizer		
	09	Marine Gas			
		01	Marine Gas		
	10	Bunker			
		01	H34 Fuel - Marine Fuel Oil (Bunker)		
	11	Lubricant			
		01	Marine Lube Oil		
	12	Stores			
		01	Running Stores (Deck, Engine, Cabin & Radio Equipment)		
		02	Marine Charts & Publications		
		03	Marine Chemicals		
		04	Marine Paint		
		05	Marine Safety Items		
		06	Marine JRC items		
		07	Grease		
PM3	MARINE VESSELS				
	01	Petroleum Tankers			
	02	Crude Oil Tankers			
	03	Aframax Tankers			
	04	Chemical Tankers			
	05	Container Vessels			

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
PM4	MATERIAL CORROSION & INSPECTION				
	01	Corrosion Protection			
		01	Impressed Current Cathodic Protection		
		02	Sacrificial Anode Cathodic Protection		
		03	Insulating Flange		
		04	Specialized Corrosion Protection Products		
		05	Isolating Joint		
		06	General Corrosion Protection Products		
		07	Corrosion Monitoring Equipment		
	02	Inspection & Testing Equipment & Tools			
	03	Welding Isolation Chamber			
PO1	OFFICE / RESIDENTIAL EQUIPMENT & SUPPLIES				
	01	Reading Materials			
		01	Books		
		02	Magazine		
		03	Newsletter / Newspaper		
		04	Audio Visual		
		05	CD ROM / Interactive CD		
	02	Stationery			
		01	Office Stationery		
		02	Papers		
		03	Computer Papers		
		04	Printed Matters		
		05	Custom Forms		
	03	Office/Residential Equipment			
		01	Office Equipment		
		02	Furniture		
		03	Electrical Appliances		
		04	Kitchen Equipment		
		05	Mattresses, Cushions & Pillows		
		06	Façade Maintenance System (office cleaning)		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	04	Interior Decoration And Design			
		01	Materials		
	05	Computer Hardware			
		01	Mainframe		
		02	LCD Projector		
		03	Server		
		04	Network Equipment		
		05	LAN Cabling & Accessories		
		06	Mini		
		07	Workstations		
		08	Personal Computer		
		09	Accessories/Printers/Plotters/Peripherals		
		10	Data Storage Media		
		12	Notebook		
		13	Multimedia PC		
	06	Computer Software			
		01	Mainframe		
		02	Mini/Micro		
		03	Office Software Application		
		04	Drilling Engineering & Training Software		
		05	Server		
		06	Engineering Software		
		07	Business Application Software		
	07	Fabric & Accessories			
		01	Fabric / Textile Material		
		02	Advertising Material and Flags		
		03	Office / Residential Textiles		
		04	Uniform & Accessories		
		05	Corporate Attire		
		06	Shoes (excluding safety shoes)		
		07	Canvas & Accessories		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	08	Audio / Visual Equipment & Accessories			
	09	Sport & Recreational Equipment			
	10	Souvenir / Safety Award / Corporate Gifts			
		01	Premium items		
		02	Golf items		
		03	Exclusive items		
	11	Medical			
		01	Equipment		
		02	Supplies		
		03	In-Vitro Diagnostic Test Kits		
		04	Drug Abuse Test Kit		
		05	Ambulance		
	12	Laboratory			
		01	Equipment		
			01	Spectroscopy	
			02	Chromotography	
			03	Physical Testing	
			04	Thermal Analysis	
			05	General Laboratory Equipment / Apparatus	
			06	Titrator	
		02	Laboratory Furniture		
		03	Laboratory Spare parts & Consumables		
	13	Plastic Products			
	14	Food & Beverages			
		02	Distilled/RO/Mineral/bottled Water, etc.		
	15	Container			
		01	Can		
		02	Corrugated Fibreboard Cartons		
		03	Steel Drum		
		04	Plastic		
		05	LPG Cylinders		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	16	Canopy, Shed & Awning			
	17	Toiletries, Hygiene & Cleaning Products			
	18	Musical related services, equip. & component			
	19	Smart Card & Magnetic Stripe Card			
	20	Fuel/Oil (Automotive)			
	50	Food & Beverages			
PP1	INDUSTRIAL PACKING & PACKAGING				
	01	Form Filled Seal & Hoods			
	02	Drum			
		01	Steel		
			01	Recondition Steel Drum	
			02	New Unlined Steel Drum	
			03	New Lined Steel Drum	
		02	Plastic		
	03	Intermediate Bulk Container (IBC)			
	04	Woven Bags			
	05	Plastic Bags			
PR1	ROTATING EQUIPMENT				
	01	Compressors			
		01	Centrifugal Compressor		
		02	Reciprocating Compressors		
		03	Air Compressor		
		04	Rotary/Screw Compressor		
		05	Compressor Valves		
		06	Blowers		
		07	Liquid Ring Compressor		
		08	Air Compressor		
	02	Generators			
		01	Gas Turbine Driven Generator		
		02	Gas Engine Driven Generator		
		03	Diesel Engine Driven Generator		
		04	Portable Genset		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	03	Primemover			
		01	Gas Turbine		
		02	Steam Turbine		
		03	Diesel Engine		
		04	Gas Engine		
		05	Turbo Expander		
	04	Centrifugal Pump			
		01	Horizontal API 610 Pump		
		02	Submersible Clock Type (Electric)		
		03	Fire Water Pump		
		04	Vertical Non API Pump		
		05	Horizontal Non API Pump		
		06	High Speed		
		07	Vertical API 610 Pump		
		08	Vertical Submersible (Bore Hole)		
		09	Vertical , In-Line Process, Close couple		
		10	Vertical Multi-Stage		
		11	Vertical, Submerged (Sump) Type, Radial Split		
		12	Submersible Pump		
	05	Rotary Pumps			
		01	Positive Displacement Screw		
		02	Positive Displacement, Single Helical (MOHNO)		
		03	Positive Displacement, Lobe		
		04	Positive Displacement , Sliding Vane		
		05	Positive Displacement, Gear		
		06	Positive Displacement Pump		
	06	Reciprocating Pumps			
		01	Horizontal, Electric Motor Driven		
		02	Vertical, Electric Motor Driven		
	07	Special Purpose Pumps			
		01	Multiphase		
		02	High Pressure Steam Cleaner		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		03	High Pressure Water Pump		
		04	Barrel (Hand Operated)		
		05	Hydraulic		
		06	Controlled Colume		
		07	Pumps, Sliding Vane & Liquid Ring Type		
		08	Cryogenic Pump		
		09	Diaphram		
		10	Vaccum Pump		
		11	Chemical Injection Pump		
		12	High Speed		
		13	Commercial Dispenser Pump (for Commercial Skid tank)		
	08	Seal and Sealing System			
		01	Dry Gas Seal		
		02	Wet Seal		
			01	Mechanical Seal for Pump	
			02	Wet Seal for Compressor / Expander	
			03	Packings and Other Sealing	
	09	Blower and Fan			
	10	Agiator and Mixer			
	11	Lube Oil Centrifuge and Purifier			
	12	Extruder and Decanter			
PR2	RISER / FLOWLINES				
	01	Flexible			
	02	Riser			
PS1	HEALTH, SAFETY & ENVIRONMENT (HSE) SYSTEM				
	01	Fire and Gas System			
	02	Platform Alarm System			
		01	Platform Alarm System		
	03	Detection Equipment			
		01	Gas Detector		
		02	Smoke Detector		
		03	Fire/Heat Detector		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		04	Ultra Violet and Infra Red Flame Detector		
		05	Visual Flame Detector		
	04	Fire Fighting Equipment			
		01	Fire Engine/Tenders		
		02	Fire Monitors		
		03	Non - Halon		
		04	CO2		
		05	Deluge Valve, Sprinkler System & Accessories		
		06	Portable Extinguisher		
		07	Fire Hose and Ancillaries		
		08	Fire Suit		
		09	Foam Compound		
		10	Fire Dampers		
		11	Fire Blankets		
		12	Fire Suppression Agent		
		13	HAZMAT Equipment		
		14	HAZMAT Vehicles		
	05	Protection Equipment			
		01	Personnel Protection Equipment		
		01	01	General Equipment	
			02	Specialized Equipment	
		02	Fire Resistant Doors		
		03	Module Cladding Firewalls & Decking		
		04	Eye Wash Station & Shower		
		05	A60/AO Windows		
		06	Self Contained Breathing Apparatus		
		07	Resuscitators		
		08	First Aid Kits		
		09	Helicopter Crash rescue Equipment		
		10	Stretchers		
		11	Rocket Line Throwing Apparatus		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	06	Survival Equipment			
		01	Escape Capsule & Accessories		
		02	Rescue Boat		
		03	Liferaft (Self-Inflating)		
		04	Liferaft & Accessories		
		05	Liferings & Accessories		
		06	Escape Ropes		
		07	Scramble Nets		
		08	Life/Work Vests		
		09	Escape System		
		10	Survival Kits		
	07	Environmental Protection Equipment			
		01	Oil/Chemical Spill Response Equipment & Accessories		
		02	Oil Skimmer		
		03	Oil Booms		
		04	Absorbents		
		05	Oil Spill Accessories		
		06	Security Equipment and Surveillance System		
		07	Continuous Emission Monitoring System		
		08	Continuous Monitoring System		
		09	Portable Sampling & Monitoring System		
			01	Gas Detector	
			02	Industrial Hygiene	
			03	Environment Quality Monitoring	
		10	Pressure Relief Device		
			01	Rupture Discs	
		11	Pipeline Leak Detection System (PLDS)		
		12	Dispersant Chemical		
		13	Fire Protection System for Building		
	08	Security Equipment and Surveillance System			
		01	Bugging Devices		
		02	Barrier Gate		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		03	Safety Signage		
		04	Traffic Product		
		05	Audio Recorder		
		06	Pin-hole Camera		
		07	Goggle		
		08	CCTV's Monitor		
		09	Metal Detector		
		10	Access System		
		11	Warehouse Safety Convex Mirror		
		12	Safety Cone		
PS2	CIVIL & STRUCTURAL				
	01	Structural Tubular			
	02	Structural Steel			
		01	Beams & Columns		
		02	Gratings		
		03	Plates		
		04	Rods & Bars		
	03	Structural Aluminium			
		01	Offshore structure		
	04	Materials for Building & Offshore			
	05	Hardware			
	06	Rails & Components			
		01	Rails & Components		
	07	Special Installation Aid			
	08	Composite Materials			
PS3	SUBSEA				
	01	Subsea Equipment			
		01	Subsea Metering		
		02	Subsea Boosting & Separation System		
		03	Subsea Structure, Foundation, Piping & Connection System		
		04	Subsea Production Control System		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		05	Subsea Wellhead & Tree		
	02	Umbilical			
PT1	TELECOMMUNICATION EQUIPMENT/SYSTEM				
	01	Radio Communication Equipment			
		01	HF Single Side band		
		02	VHF-FM Marine Radio		
		03	VHF-AM - Aeronautical radio		
		04	UHF/VHF Walkie Talkie		
		05	ATUR		
		06	Navigational Radio Beacon		
		07	SOLAS Radio System		
		08	Digital Trunked Radio System (DTRS)		
	02	Telephone System (PABX)			
		01	Call Manager/IP Communication Server		
		02	Subscriber Equipment/IP Phones		
		03	Mobile/PDA Phone		
		04	Phone set		
	03	Microwave System			
	04	Multiplex and Signalling			
	05	Digital Troposcatter Radio System			
	06	Satellite System			
	07	Public Address (PA) System			
		01	General Purpose		
		02	Hazardous Area Application		
	08	Radar Surveillance System			
	09	Data Communication Equipment			
	10	Video Conferencing System			
	11	Ancillary Equipment			
		01	Facsimile Machine		
		02	Message Switch		
		03	Digital Voice Recorder		
		04	Intercom Facilities		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		05	Hotline system		
		06	Digital Video Recorder		
	12	Remote Subscriber System (RSS)			
	13	Vessel Telecommunication and Navigational			
	14	Specialised System			
	15	Vessel Tracking and Monitoring System			
	16	Weather Monitoring System (WMS)			
	17	Fiber Optic Communication System			
		01	Transmission Equipment		
		02	Termination and Wiring Accessories		
	18	WIMAX System			
PV1	VALVES				
	01	Ball Valves			
		01	Less than 50 mm (non-firesafe)		
		02	Less than 50 mm (firesafe)		
		03	Greater than 50 mm (non-firesafe)		
		04	Greater than 50 mm (firesafe)		
		05	Greater than 50 mm (subsea)		
	02	Gate Valves			
		01	Less than 50 mm		
		02	Greater than 50 mm		
		03	Through Conduit - Slab and Expandable Type		
	03	Check Valves			
		01	Swing Type Check Valve		
		02	Piston/Ball Type Check Valve		
		03	Dual Plate Check Valves		
		04	Non-Slam Check Valves		
	04	Globe Valves			
		01	Globe Valves Less than 50 mm		
		02	Globe Valves 50 mm and larger		
	05	Butterfly Valves			
		01	Concentric Butterfly Valves		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
		02	Triple Offset Butterfly Valves		
		03	Double Offset Butterfly Valves		
	06	Safety Relief Valves			
		01	Pilot Operated Safety Relief Valve		
		02	Conventional Safety Relief Valve		
		03	Balanced Bellow Safety Relief Valve		
	07	Choke Valves			
		01	Choke Valves		
	08	Needle Valves (Non-Instrument)			
		01	Needle Valves (Non-Instrument)		
	09	Diaphragm Valves			
		01	Diaphragm Valves		
	10	Plug Valves			
		01	Plug Valves		
	11	Vacuum/Breather Valves			
		01	Vacuum/Breeder Valves		
	12	Wellhead Valves			
		01	Wellhead Valves		
	13	Valves Locking/Interlocking Devices			
		01	Valves Locking/Interlocking Devices		
	14	Steam Traps			
		01	Steam Traps		
	15	Integral Double Block and Bleed Valve (Non-Instrument)			
	16	Special Valve			
PW1	MISCELLANEOUS				
	01	Sandbags			
	02	Sand			
PW2	WORKSHOP TOOLS & EQUIPMENT				
	01	Tools			
		16	Hydraulic Jacking, Tensioning & Torquing Equipment		
		20	Smoke Meter		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
	02	Equipment			
		04	Automotive Workshop Equipment		
		05	Welding Equipment		
		06	Electrical Equipment		
	03	Generator Set			
PW3	WAREHOUSE EQUIPMENT				
	01	Cleaning Equipment			
		01	Scrubber Machine		
		02	Polishing Vacuum		
	02	Material Handling			
		01	Racking		
		02	Conveyor		
		03	Motorised Handpallet		
		04	Dock Leveller		
		05	Bar Coding System & Accessories		
		06	Pallets		
		07	LPG Gas		
		09	Forklift		
			01	Forklift <5MT	
			02	Forklift >5MT	
		10	Strapping Machine		
		11	Drum Lifter		
		12	Reach Truck		
	03	Industrial Printing Consumable			
PW4	HELICOPTER				
	01	Lashing Gear			
		01	MC1 Webbing Tie Down		
		02	Quick Release Coupling - CA14		
		03	Lashing Chain Assembly - CSK843		

MISC STANDARD WORKS AND EQUIPMENT CATEGORIES (Products)

Primary Code	Secondary Code	Tertiary Code	Quarternary Code	Quinary Code	
PW5	WAREHOUSE CONSUMABLES				
	01	Diesel			
	02	Stretch Film			
	03	Carton Box			
	04	Cargo Netting			
	05	Cotton Rag			
	06	Dunnage Air Bag			
	07	Pallet Stopper			
	08	Edge Board			
	09	Strapping			

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