

Inspection type Q - Presentation of inspection records in accordance with Petrobras' General Quality Requirements and Supplementary Quality Requirements (where applicable), as per the table above.							
Inspection type L - Presentation of inspection records, in accordance with the construction standard for the asset (when applicable) and in accordance with the manufacturer's quality system.							
GROUP	FAMILY	FAMILY DESCRIPTION	SEGMENT	QUALITY GENERAL REQUIREMENT	COMPLEMENTARY QUALITY REQUIREMENTS	TIPO	CATEGORY
M-20 - Mining machinery and accessories	98009764	[PQ] Umbilical SUBMARINE TPU (ThermoPlastic Hose Umbilical) e EletroÓtico	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-004	Q	UMBILICAL
M-20 - Mining machinery and accessories	98009774	[PQ] Tubo flexível SUBMARINE	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-005	Q	FLEXIBLE DUCTS
M-20 - Mining machinery and accessories	98009874	Incinerator	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-20 - Mining machinery and accessories	98010124	[PQ] Torch (Flare) system	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-20 - Mining machinery and accessories	98010386	Subsea well head system	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98010387	Subsea manifold system	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98010388	Surface wellhead assembly	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	SUBMARINE
M-20 - Mining machinery and accessories	98010389	Surface christmas tree	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	SUBMARINE
M-20 - Mining machinery and accessories	98010391	Connection module for subsea equipment	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98010393	BOP Hydraulic connector	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98010668	Downhole flow regulator	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98010670	Subsea power electrical connection systems	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	SUBMARINE
M-20 - Mining machinery and accessories	98010673	Subsea wellhead adapter	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98010674	Ring Valve	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010774	Smart completion system	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98010775	Riser for completion and workover of Subsea christmas tree	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	SUBMARINE
M-20 - Mining machinery and accessories	98010777	Surface casing head spool	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010864	Liner assembly for oil well	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010868	Production packer	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98010871	Expansion joint for completion	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98010874	Shear riser joints for wells	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010878	Ball catcher sub	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010879	Sand control screens	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98010884	Drawworks	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010935	Lifting Sub (API Spec 7	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010939	Surface blowout preventer	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010945	Y block for production string with SCP	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010947	Casing head for oil well	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010948	Drill rig rotary table	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010964	Casing spool assembly	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-20 - Mining machinery and accessories	98010976	Transmission bar for drilling according to API Spec 7	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010977	Power swivel and top drive	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98010978	Drilling fluid degasser	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98011054	Integral chemical injection mandrel	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98011055	Side pocket mandrel	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98011056	Conventional or integral mandrel	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98011057	DHSV	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98011189	Subsea christmas tree	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98011309	Wellhead flange – API 6A	Critical	NOT APPLICABLE	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98011313	Stuffing box for PCP	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98011394	Subsurface barrier valve – ISO 28781	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98011395	Conventional completion system – lower completion	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98011396	[PQ] Gas lift valve	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98011545	Electrical Submersible Pump systems for artificial lift	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98011547	AC Drives (VFD) for Subsea Pump Systems	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98011548	Conectores elétricos para cápsula de BCS ou Packer	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-20 - Mining machinery and accessories	98011574	Automation system for artificial lift processes	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-20 - Mining machinery and accessories	98011686	Kelly valve	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-20 - Mining machinery and accessories	98011924	Flange adaptor for connection between flowline, riser lines and submarine equipment	Operational	NOT APPLICABLE	NOT APPLICABLE	Q	FLEXIBLE DUCTS
M-20 - Mining machinery and accessories	98012035	[PQ] Umbilical SUBMARINE STU (Steel Tube Umbilical)	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-004	Q	UMBILICAL
M-20 - Mining machinery and accessories	98012164	Chemical injection valve	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98012394	Sistemas de monitoramento de risers híbridos ou BSRs	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012404	Módulo de controle SUBMARINE (SCM)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012435	Submarine multiphase pumping systems	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012554	[PQ] Subsea Flexible Tube	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-005	Q	FLEXIBLE DUCTS
M-20 - Mining machinery and accessories	98012604	[PQ] Revestimento externo para tubo em aço C-Mn para dutos rígidos SUBMARINEs	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012605	[PQ] Conectores de topo de risers rígidos SUBMARINEs	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE

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M-20 - Mining machinery and accessories	98012606	[PQ] Tubo sem costura em aço C-Mn para dutos SUBMARINES	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012607	[PQ] Conector vertical hidráulico para PLET e PLEM SUBMARINE	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012608	[PQ] Flutuadores de risers rígidos SUBMARINES em configuração lazy wave	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012609	[PQ] Válvula Submarina	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012610	[PQ] Mechanically Lined Pipe (MLP) para dutos SUBMARINES	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-20 - Mining machinery and accessories	98012905	[PQ] Thermoplastic Composite Subsea Flexible Tube	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-005	Q	FLEXIBLE DUCTS
M-20 - Mining machinery and accessories	98013004	Gas lift valve for application in onshore wells	Strategic	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-001	Q	WELLS
M-20 - Mining machinery and accessories	98013094	Bend Stiffener Connector	Operational	NOT APPLICABLE	NOT APPLICABLE	Q	FLEXIBLE DUCTS
M-22 - Machinery for civil engineering	98011524	Device for accessing pipe or vessel under pressure	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98010804	City gate – natural gas delivery station	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011147	[PQ] Process tower	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011148	Electrostatic precipitator	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011151	H2S removal unit per amine	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011152	Solid bed H2S removal unit	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011153	CO2 removal Unit	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011295	Electrostatic separator and desalter	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011414	Coke drum	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011416	Catalytic cracking unit equipment	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011418	Gas dehydration unit with TEG	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011419	Gas dehydration unit with molecular sieve	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011420	Propane refrigeration gas dehydration unit	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011421	Seawater sulfate removal unit	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011422	Reverse osmosis unit for process	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011423	CO2 removal unit by amine	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-23 - Machinery for the manufacturing and processing industry	98011584	Machine monitoring system (MMS)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-23 - Machinery for the manufacturing and processing industry	98011904	[PQ] ASME VIII Industrial filter	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-24 - Equipment and supplies for handling, packing and stocking materials	98010564	Sling for load lifting	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	LOAD LIFTING
M-24 - Equipment and supplies for handling, packing and stocking materials	98010570	Crane	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	LOAD LIFTING
M-24 - Equipment and supplies for handling, packing and stocking materials	98010266	Industrial surface tanks	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-24 - Equipment and supplies for handling, packing and stocking materials	98011172	[PQ] Offshore cranes	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	LOAD LIFTING
M-24 - Equipment and supplies for handling, packing and stocking materials	98011364	[PQ] Storage sphere	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-24 - Equipment and supplies for handling, packing and stocking materials	98011365	Drum and coker unit valves	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-24 - Equipment and supplies for handling, packing and stocking materials	98011366	[PQ] Metal pressure vessel	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-24 - Equipment and supplies for handling, packing and stocking materials	98011367	[PQ] Process reactor	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-24 - Equipment and supplies for handling, packing and stocking materials	98011368	API 650 Welded storage tanks	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-25 - Vehicles, components and accessories	98011165	Davit	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	LOAD LIFTING
M-25 - Vehicles, components and accessories	98011171	Multiplexed hydraulic power unit (HPU)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-25 - Vehicles, components and accessories	98011196		Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-25 - Vehicles, components and accessories	98011215	Torpedo stake for anchoring	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-26 - Equipment for generating and distributing energy	98010288	Electric power reactor	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98010586	Speed multipliers and reducers API 613	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-26 - Equipment for generating and distributing energy	98010737	Alkaline battery of accumulators	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98010738	Stationary lead	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98010996	Diesel engine driven generator	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98011135	DC motor	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98011190	Battery charger	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98011192	High	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98011193	Synchronous motor	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98011219	High	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-26 - Equipment for generating and distributing energy	98011496	Aeroderivative gas turbine	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-26 - Equipment for generating and distributing energy	98011498	API 611 Steam turbine	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-26 - Equipment for generating and distributing energy	98011499	[PQ] API 612 Steam turbine	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-26 - Equipment for generating and distributing energy	98011504	Industrial gas turbine	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-26 - Equipment for generating and distributing energy	98011834	Electrical substation	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-27 - General usage tools and machines	98011529	Deluge valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-31 - Manufactured components and supplies	98009794	Porcas para ligações críticas	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-31 - Manufactured components and supplies	98010046	Barra rosçada para ligações críticas	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-31 - Manufactured components and supplies	98010149	Stud bolt for submarine use	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	SUBMARINE

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M-31 - Manufactured components and supplies	98010246	Anchor chain	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-31 - Manufactured components and supplies	98010276	Anchor chain accessories	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-31 - Manufactured components and supplies	98010335	Stud bolt for critical connections	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-31 - Manufactured components and supplies	98010424	Synthetic fiber rope for platform anchoring	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-31 - Manufactured components and supplies	98010425	Synthetic fiber rope for general or marine use	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-31 - Manufactured components and supplies	98010617	Synthetic fiber rope for relief operations	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-31 - Manufactured components and supplies	98011381	Steel cable	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	LOAD LIFTING
M-31 - Manufactured components and supplies	98012014	Carbon steel assembled pipe	Operational	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-31 - Manufactured components and supplies	98012504	Shackles	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-31 - Manufactured components and supplies	98012514	Load rings	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-31 - Manufactured components and supplies	98012524	Steel cable socket	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-32 - Electronic supplies and components	98011804	Compressor control system	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-39 - Electrical and lighting supplies and accessories	98010384	[PQ] Centro de distribuição de cargas conforme a norma IEC 62271	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98010385	[PQ] Centro de Distribuição de Cargas até 1 kV	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98010394	Painel elétrico de distribuição até 1 kV (BT)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98010456	[PQ] Centro de controle de motores (CCM) até 1kV	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98010527	IEC 62271	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98010530	Neutral Grounding Resistor	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98010595	Electric switchboard	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98010620	SCMD electrical automation system	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011005	Dry type transformer	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011006	Distribution transformer	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011136	Oil immersed power transformer	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011167	Valve remote control system (VRCS)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011221	Uninterruptible Power Supply (UPS)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011274	Industrial Power Inverter	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011277	Frequency converter	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011376	Power rectifier	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011377	Potential Transformer up to 17.5 kV	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98011378	Potencial transformador above 17.5 kV	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-39 - Electrical and lighting supplies and accessories	98012214	Painel elétrico acima de 1 kV conforme a norma IEC 62271	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ELECTRICAL AND INSTRUMENTATION
M-40 - Distribution and storage systems, equipment and components	98009814	NFPA20 Fire	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98009855	Air preheaters for furnaces and boilers	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98009983	Connections for tubing	Critical	ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-40 - Distribution and storage systems, equipment and components	98009997	API 5L Carbon steel pipe	Strategic	ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010022	Alloy steel pipe	Critical	ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010023	Stainless steel pipe	Critical	ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010030	Orifice flange	Operational	ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010051	Industrial burners	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010134	Steam Generator for injection in oil wells	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010135	[PQ] Water tube boiler	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010136	Fire	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010137	[PQ] Heat recovery boiler	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010138	Ring joint	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010146	Catalyst tube for furnaces	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010176	Centrifugal pump ASME B73.1	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010177	ASME B73.2 Centrifugal Pump	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010178	API 7K, RP7L Reciprocating Pump	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010179	API 685 Centrifugal Pump	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010180	Twin	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010182	[PQ] Centrifugal pump API 610	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010185	Carbon steel pipe	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010186	Steel pipe with metallic coating	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010188	Copper or nickel alloy pipe	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010204	Tubing for production string	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-40 - Distribution and storage systems, equipment and components	98010205	Circular flange gasket	Operational	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010214	Centrifugal Pump for Naval Systems (ballast or load)	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010216	API 674 Reciprocating Pump	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS

GROUP	FAMILY	FAMILY DESCRIPTION	SEGMENT	QUALITY GENERAL REQUIREMENT	COMPLEMENTARY QUALITY REQUIREMENTS	TIPO	CATEGORY
M-40 - Distribution and storage systems, equipment and components	98010244	Pressure regulator valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010247	Blind steel flange	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010248	Steel lap joint flange	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010250	Steel slip	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010251	Steel socket	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010252	Steel cap for pipe	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010253	Steel plug for pipe	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010258	Steel reducer for pipe	Operational	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010277	Steel reducing flange	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010278	Threaded steel flange	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010279	Steel neck flange	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010283	Steel pipe collar	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010304	Pipe inserts	Operational	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010307	Steel pipe bends	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010325	Steel reduction bushing for pipe	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010326	Steel sleeve for pipe	Operational	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010327	Steel cross for pipe	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010328	Steel elbow for pipe	Operational	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010329	Steel nipple for pipe	Operational	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010330	Steel Tee for pipe	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010331	Steel pipe union	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010377	Cooling tower	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010618	Marine hose OCIMF GMPHOM 2009	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	ANCHORAGE
M-40 - Distribution and storage systems, equipment and components	98010766	Screw compressor	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98010895	Single flap type check valve	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010896	Fire-tested single-plate check valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010905	[PQ] Shell and tube heat exchanger	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010906	Double	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010907	Spiral heat exchanger	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010908	[PQ] Shell and tube heat exchanger TEMA type D Head	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010909	[PQ] Gasketed plate heat exchanger	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010910	Welded plate heat exchanger	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010912	Straight globe valve	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010915	Tubular beam	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98010918	Double flap type check valve	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010919	Axial disc check valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010932	Oil well drilling hose	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-40 - Distribution and storage systems, equipment and components	98010933	Safety and/or relief valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010951	[PQ] Concentric butterfly valve	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010952	[PQ] Fire-tested double-eccentric butterfly valve	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010953	[PQ] Fire-tested triple-eccentric butterfly valve	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010987	Butterfly type control valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010988	Ball type control valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010989	Globe type control valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010990	Diaphragm type control valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010991	Needle type control valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98010992	Axial type control valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011024	Encapsulated and individual hydrocyclone liners	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98011027	Tank bottom valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011028	Pressure/vacuum orifice valves	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011044	[PQ] Non	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011045	[PQ] Fire-tested non-lubricated plug valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011046	[PQ] Lubricated plug valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011048	Angle globe valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011064	Goggle valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011074	Piston check valves	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011076	Butterfly type interlock system valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011077	[PQ] Ball type interlock system valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES

GROUP	FAMILY	FAMILY DESCRIPTION	SEGMENT	QUALITY GENERAL REQUIREMENT	COMPLEMENTARY QUALITY REQUIREMENTS	TIPO	CATEGORY
M-40 - Distribution and storage systems, equipment and components	98011078	Gate type interlock system valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011079	Fast acting valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011084	Coalescing filter	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98011114	[PQ] Ball valve with resilient seal	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011115	[PQ] Ball valve with fire	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011116	[PQ] Ball valve with metal	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011117	[PQ] Ball valve with fire-tested metal-metal seal	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011118	Ball check valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011119	Ball valve according to API 6A	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-40 - Distribution and storage systems, equipment and components	98011121	Gate valve according to API 6A	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-40 - Distribution and storage systems, equipment and components	98011122	Subsea gate valve	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-40 - Distribution and storage systems, equipment and components	98011123	Production/injection choke according to API 6A	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-40 - Distribution and storage systems, equipment and components	98011146	[PQ] Air cooler	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98011186	Multiport selector valve (MSV)	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011187	Flow selector valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011216	[PQ] Double	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011217	[PQ] Triple	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011254	API 672 Centrifugal compressor	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98011255	[PQ] API 617 Centrifugal compressor	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	DYNAMICS
M-40 - Distribution and storage systems, equipment and components	98011256	[PQ] Conventional gate valve	Strategic	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98011874	Chemical injection system for process plants	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98011894	ASTM F1173 Resin composite pipes	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98012044	Plug type control valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98012065	Válvula de controle tipo gaveta	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98012074	Permutador de circuito impresso (PCHE)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-40 - Distribution and storage systems, equipment and components	98012084	API 15S and API 17J resin composite pipes (onshore)	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98012134	Recirculation valve	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98012284	Plug type interlock system valve [CRIT]	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98012294	Subsea equipments PLEM, PLET and SKID	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-40 - Distribution and storage systems, equipment and components	98012564	Pressure/vacuum orifice valves in conjunction with flame arresters	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-40 - Distribution and storage systems, equipment and components	98012614	Mounted hose for diesel transfer	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	FLEXIBLE DUCTS
M-40 - Distribution and storage systems, equipment and components	98012636	[PQ] MLP for subsea pipelines with alternative alloys	Critical	I-ET-0000.00-0000-972-1AL-001	I-ET-3000.00-1000-972-1AL-026	Q	SUBMARINE
M-40 - Distribution and storage systems, equipment and components	98013104	NSV Valve for Marine Offloading Hose Lines	Critical	I-ET-0000.00-0000-972-1AL-001	Ni-215	Q	INDUSTRIAL VALVES, STEEL PIPES and ACCESSORIES
M-41 - Equipment for measuring, testing, observation and laboratories	98010169	PIG launcher and receiver	Strategic	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-41 - Equipment for measuring, testing, observation and laboratories	98010924	Gas and liquid measurement station	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER
M-41 - Equipment for measuring, testing, observation and laboratories	98011149	Well test separator	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	WELLS
M-41 - Equipment for measuring, testing, observation and laboratories	98011503	Machinery protection system according to API 670	Critical	I-ET-0000.00-0000-972-1AL-001	NOT APPLICABLE	Q	BOILER