



## **PETROLINES FOR CRUDE OIL LTD.**

شركة بترولناينز لخط النفط المحدودة

GNPOC Tower –

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# **Materials and Services Standard Categories**

## **PART 1**

## **CAPITAL EQUIPMENT**

CPL Section

ADMINISTRATION & SUPPLY DEPARTMENT (CPL)

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**PETCO - Materials and Services Standard Categories (MASSC)**

Code	Description	Notes
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Capital Equipment		
<b>AA</b>	<b>Airfield Equipment</b>	
	AA.01	Aviation Fuel Systems
	AA.02	Radio Equipment
	AA.03	Emergency Lights
	AA.04	Airfield Maintenance Equipment
<b>AB</b>	<b>Artificial Lift Equipment</b>	
	AB.01	BHP- Screw Pump
	AB.02	BHP – Screw pump Top Drive Unit
	AB.03	BHP - Submersible Electric
	AB.04	BHP - Submersible Electric Motor
	AB.05	ESP
	AB.06	ESP Instrumentation
	AB.07	Pump jacks
	AB.08	Sucker Rods
<b>AC</b>	<b>Building S Trailers And Shelters</b>	
	AC.01	Fabricated Building
	AC.02	Heating , Ventilation And A/C
	AC.03	Homes
	AC.04	Portable Buildings
	AC.05	Shelters
	AC.06	Trailers
<b>AD</b>	<b>Camp Equipment</b>	
	AD01	Clothes Washers & Dryers
	AD.02	Entertain & Recreation Equipment
	AD.03	Freezers, Self Contained
	AD.04	Furniture & Fixtures
	AD.05	Kitchen Appliances
	AD.06	Other Camp Equipment
<b>AE</b>	<b>Communication Equipment</b>	
	AE01	Antennas, Masts & Towers
	AE.02	Communications Equipment
	AE.03	Microwave Equipment
	AE.04	Radio Equipment
	AE.05	Satellite Equipment
	AE.06	Telemetry Equipment
	AE.07	Telephone Equipment
<b>AF</b>	<b>Compressors, Fans And Blowers</b>	
	AF01	Blowers
	AF.02	Compressors, Air
	AF.03	Compressors, Gas
	AF.04	Compressors, Gas Centrifugal
	AF.05	Fans, Air Washing
	AF.06	Fans, Exhaust
	AF.07	Turbo-Expander

Code	Description	Notes
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Capital Equipment		
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AG	Construction Equipment		
	AG.01	Backhoe sag.02	
	AG.02	Bobcat sag.03	
	AG.03	Bulldozer sag.04	
	AG.04	Crane sag.05	
	AG.05	Grader sag.06	
	AG.06	Loader sag 07	
	AG.07	Packersag.08	
	AG.08	Scrapersag.09	
	AG.09	Tractorsag.10	
	AG.10	Trucks	
AH	Data Processing And Computing Equipment		
	AH.01	Computer Monitors	
	AH.02	Computer Printers	
	AH.03	Computer Software	
	AH.04	Data Processing Communications Equip	
	AH.05	Magnetic Storage Media	
	AH.06	Network Equipment	
	AH.07	Personal Computers, Desktop	
	AH.08	Personal Computers, Laptop	
AI	Drilling And Service Rig Equipment		
	AI.01	Circulating System	<b>NOT APPLICABLE FOR PETCO</b>
	AI.02	Electrical Equip	
	AI.03	Fishing Tools	
	AI.04	Handling Equipment	
	AI.05	Hoisting System	
	AI.06	Instrumentation	
	AI.07	Misc (Bldgs, Walks, Etc.)	
	AI.08	Power System	
	AI.09	Rotating System	
	AI.10	Well Control System	
AJ	Drivers		
	AJ01	Engines – Diesel	
	AJ.02	Engines - Dual Fuel (Diesel And Crude)	
	AJ.03	Engines – Gasoline	
	AJ.04	Engines - Natural Gas	
	AJ.05	Motors – Electric	
	AJ.06	Turbines – Diesel	
	AJ.07	Turbines – Gas	
	AJ.08	Turbines - Steam	

Code	Description	Notes
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<b>Capital Equipment</b>				
<b>AK</b>	<b>Electrical Equipment</b>			
	AK.01		Electrical Test Equipment	
	AK.02		Generators	
	AK.03		Inverters	
	AK.04		Lighting Equipment	
	AK.05		Motor Control Centers	
	AK.06		Programmable Logic Centres	
	AK.07		Uninterruptible Power Supply	
<b>AL</b>	<b>Fire Protection, Environment And Safety Equipment</b>			
	AL.01		Air Breathing Apparatus	
	AL.02		Air Quality Monitor Equipment	
	AL.03		Control Equipment	
	AL.04		Detector Systems	
	AL.05		Fire Extinguishers	
	AL.06		Fire Fighting Equipment	
	AL.07		Fire Water Systems	
	AL.08		Foam Fire Fighting Systems	
	AL.09		Oil Spill Recovery Systems	
	AL.10		Potable Water Systems	
	AL.11		Sewage Treatment Systems	
	AL.12		Signaling Devices	
	AL.13		Waste Disposal Systems	
	AL.14		Water Quality Monitor Equipment	
<b>AM</b>	<b>Geological And Geophysical Equipment</b>			
	AM.01		Recording Equipment	<b>NOT APPLICABLE FOR PETCO</b>
	AM.02		Seismic Vibrator Equip	
	AM.03		Seismographic Equipment	
	AM.04		Shooting Equipment	
	AM.05		Surveying Equipment	
<b>AN</b>	<b>High Pressure Valves</b>			
	AN.01		Chokes	
	AN.02		Manifolds	
	AN.03		Valves, Ball	
	AN.04		Valves, Block Assemblies	
	AN.05		Valves, Butterfly	
	AN.06		Valves, Check	
	AN.07		Valves, Diaphragm	
	AN.08		Valves, Gate	
	AN.09		Valves, Globe	
	AN.10		Valves, Needle	
	AN.11		Valves, Pigging	
	AN.12		Valves, Plug	
	AN.13		Valves, Relief & Safety	
	AN.14		Valves, Solenoid	

Code	Description		Notes
<b>Capital Equipment</b>			
<b>AO</b>	<b>Instrumentation And Control Equipment</b>		
	AO.01	Actuators And Operators	
	AO.02	Analyzers	
	AO.03	Annunciators	
	AO.04	Chromatographs	
	AO.05	Densitometers	
	AO.06	Emergency Shutdown Systems	
	AO.07	Local Accounting Meters	
	AO.08	Loggers, Data	
	AO.09	Meters, Positive Displacement	
	AO.10	Meters, Turbine	
	AO.11	Plc- Programmable Logic Controller	
	AO.12	Recorders	
	AO.13	Rotometers	
	AO.14	Shutdown, Flame Failure	
	AO.15	Calibration Equipment	
	AO.16	Scada System	
<b>AP</b>	<b>Laboratory Equipment</b>		
	AP.01	Apparatus & Equipment	
	AP.02	Lab Chromatographs	
<b>AQ</b>	<b>Marine Loading Equipment</b>		
	AQ.01	Mooring Systems	
	AQ.02	Single Point Mooring Buoy	
<b>AR</b>	<b>Material Handling Equipment</b>		
	AR.01	Containers, Sea	
	AR.02	Hoists And Trolleys	
	AR.03	Labellers	
	AR.04	Lifting & Conveying Equipment	
	AR.05	Loading Arms And Racks	
	AR.06	Loading Terminals, Truck & Railcar	
	AR.07	Mobile Equipment	
	AR.08	Packing Machinery	
	AR.09	Pipe Racks	
	AR.10	Storage Racks	
	AR.11	Weight Scales	
<b>AS</b>	<b>Office Equipment</b>		
	AS.01	Drafting Equipment	
	AS.02	Furniture	
	AS.03	Office Machines	
	AS.04	Photographic Equipment	
	AS.05	Printing & Duplicating Equipment	

Code	Description		Notes
<b>Capital Equipment</b>			
<b>AT</b>	<b>Pressure Vessels</b>		
	AT.01	Air Dryers	
	AT.02	Boilers	
	AT.03	Dehydrators	
	AT.04	Fractionation Columns	
	AT.05	Insulation & Cladding, Vessels	
	AT.06	Mist Eliminators	
	AT.07	Reactors	
	AT.08	Refrigeration Vessels	
	AT.09	Scrubbers	
	AT.10	Separators, In-Line	
	AT.11	Steam Generators	
	AT.12	Treaters	
	AT.13	Vessels, 2" Wall And Over	
	AT.14	Vessels, Less Than 2" Wall	
	AT.15	Vessels, Low Temperature	
<b>AU</b>	<b>Process Equipment</b>		
	AU.01	Arrestors, Flame	
	AU.02	Burners, Acid Gas	
	AU.03	Exchangers, Aerial Coolers	
	AU.04	Exchangers, Brazed Aluminum	
	AU.05	Exchangers, Fintube	
	AU.06	Exchangers, General	
	AU.07	Exchangers, Plate	
	AU.08	Exchangers, Shell And Tube	
	AU.09	Exchangers, Spiral	
	AU.10	Extruders, Planetary	
	AU.11	Flare Stacks And Igniters	
	AU.12	Heaters, Fired	
	AU.13	Heaters, Line	
	AU.14	Metering W/Pumps And Treatment Equipment	
	AU.15	Mixer, Chemical	
	AU.16	Stacks, Incinerator	
	AU.17	Towers, Contactor	
	AU.18	Towers, Cooling	
	AU.19	Water Treating Systems	
<b>AV</b>	<b>Pumps</b>		
	AV.01	Pumps, Centrifugal	
	AV.02	Pumps, Diaphragm	
	AV.03	Pumps, Fire Water	
	AV.04	Pumps, Hydraulic	
	AV.05	Pumps, Injection	
	AV.06	Pumps, Positive Displacement	
	AV.07	Pumps, Progressive Cavity	
	AV.08	Pumps, Reciprocating	
	AV.09	Pumps, Special Applications	

Code	Description		Notes
<b>Capital Equipment</b>			
<b>AV</b>	<b>Pumps</b>		
	AV.10	Pumps, Sulphur	
	AV.11	Pumps, Utility	
	AV.12	Pumps, Vertical Turbine	
	AV.13	Pumps, Water Submersible	
	AV.14	Rotary Pivots	
<b>AW</b>	<b>Security Equipment</b>		
	AW.01	Electronic Surveillance Equip	
	AW.02	Identification Badge Equipment	
	AW.03	Locking Devices	
	AW.04	Special Use Equipment	
<b>AX</b>	<b>Storage Tanks And Vessels</b>		
	AX.01	Tanks, Fiberglass	
	AX.02	Tanks, Field Erected	
	AX.03	Tanks, Flare Knock-Out	
	AX.04	Tanks, Pressure Storage Bullet	
	AX.05	Tanks, Shop Fabricated	
	AX.06	Tanks, Underground	
<b>AY</b>	<b>Vehicles</b>		
	AY.01	Cars	
	AY.02	All Terrain Vehicles(Quads)	
	AY.03	Bicycles	
	AY.04	Boats & Barges	
	AY.05	Fixed Wing Aircraft	
	AY.06	Heavy Tandem Trucks	
	AY.07	Rail Cars And Locomotives	
	AY.08	Rotary Aircraft	
	AY.09	Semi Tandem Trucks	
	AY.10	Tracked Vehicles (Bombardier)	
	AY.11	Trailers	
	AY.12	Trucks, Heavy Duty Over 1 Ton	
	AY.13	Trucks, Light 1 Ton Or Less	
	AY.14	Bus	
<b>AZ</b>	<b>Well Completion Equipment</b>		
	AZ.01	Perforating Equipment	<b>NOT APPLICABLE FOR PETCO</b>
	AZ.02	Swabbing Equipment	
	AZ.03	Tubing Drains	
	AZ.04	Water Line Equip.(Slick Line)	
<b>BA</b>	<b>Wellhead Equipment</b>		
	BA.01	Blow Out Preventer	
	BA.02	Wellhead Equipment	

Code	Description	Notes
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Capital Equipment		
BB	Workshop Equipment	
BB.01	Drilling Machines	
BB.02	Grinding Machines	
BB.03	Machine Shop Equipment	
BB.04	Painting Equipment	
BB.05	Painting Equipment	
BB.06	Welding Equipment	

