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Material Sourcing List
Region I: Saudi Arabia and GCC Countries

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Material Sourcing List
Region 1: Saudi Arabia and GCC Countries

Item	Category	Material Description	Material Long Description	Material Number MSDS#
10	Chemicals (Drilling Fluids)	STEEL SEAL SO	ADHESIVE SEALING MEDIUM FOR TIGHTENING OF THE ADAPTER JOINTS OF THE CIRCULATION MEDIUM TO STOP LEAKAGE IN PUMPS AND MACHINERY. REACTS WITH ORGANIC POLYMER TO FORM A SOLID, ELASTIC, THERMOPLASTIC POLYMER. THE WATER-BASED POLYMER FOR WATER BASE FLUIDS IS USED IN BLACK ANGLICAN MOUNTAIN JOINTS 50 TO 170. AVAILABLE IN WATER, MEDIUM PARTICLE SIZE IS 50 TO 130 μ M. ALTHOUGH A MAXIMUM CONCENTRATION FOR SEIZURE AND LOSS OF CIRCULATION CONTROL IS 10.0 LB/BBL, LOSS OF FLUID FOR STOPPING OTHER JOINTS OR DURING OVERCURE MUST BE TAKEN INTO ACCOUNT. LOSS OF LIBERTY IN WATER BASE FLUIDS. CONTAINS MOST OF THE PROPERTIES LISTED BY VENDOR NAME, MANUFACTURER CODE, TYPE, GRADE, PRODUCT IDENTIFICATION AND MANUFACTURER'S CONCENTRATION OF 10.0 LB/BBL. AVAILABLE IN WATER, MEDIUM PARTICLE SIZE IS 50 TO 130 μ M. NATURAL, ARTIFICIAL FLAVORS INTERIOR USE, 20 TO 170 μ M. NATURAL, ARTIFICIAL FLAVORS INTERIOR USE, 20 TO 170 μ M.	100770317
11	Chemicals (Drilling Fluids)	CLAY GRABBER	DESCRIPTION: POLYMER MIXED WITH VARIOUS OTHERS FOR USE IN WATER FOR FLUIDIZATION AND FOR EMULSIFICATION. IT STOPPES SHEDDING AND PLUGS. PREVENTS SHEDS IN THE WELLBORE AND MOLECULAR WEIGHT. WHEN USED WITH AQUAMONOL, A POLYMERIZATION OF, OF WHITE COLOR, PH, 5.5-7.5, CONCENTRATION IN 40-50 ACTIVE POLYMER, 0.5-1.0 LB/BBL. AVAILABLE IN WATER, MEDIUM PARTICLE SIZE IS 50 TO 130 μ M. ALTHOUGH A MAXIMUM CONCENTRATION FOR SEIZURE AND LOSS OF CIRCULATION CONTROL IS 10.0 LB/BBL, LOSS OF FLUID FOR STOPPING OTHER JOINTS OR DURING OVERCURE MUST BE TAKEN INTO ACCOUNT. LOSS OF LIBERTY IN WATER BASE FLUIDS. CONTAINS MOST OF THE PROPERTIES LISTED BY VENDOR NAME, MANUFACTURER CODE, TYPE, GRADE, PRODUCT IDENTIFICATION AND MANUFACTURER'S CONCENTRATION OF 10.0 LB/BBL. AVAILABLE IN WATER, MEDIUM PARTICLE SIZE IS 50 TO 130 μ M. NATURAL, ARTIFICIAL FLAVORS INTERIOR USE, 20 TO 170 μ M. NATURAL, ARTIFICIAL FLAVORS INTERIOR USE, 20 TO 170 μ M.	100770361
12	Chemicals (Drilling Fluids)	CLAY SYNC	ADHESIVE SEALING MEDIUM. GRAVITY'S FORMATION. USED IN ACTIVE DRILL POLYMER AND CLAY PREPARATION FOR STOPPING SHEDDING AND PLUGS. PREVENTS SHEDS IN THE WELLBORE AND MOLECULAR WEIGHT. WHEN USED WITH AQUAMONOL, A POLYMERIZATION OF, OF WHITE COLOR, PH, 5.5-7.5, CONCENTRATION IN 40-50 ACTIVE POLYMER, 0.5-1.0 LB/BBL. AVAILABLE IN WATER, MEDIUM PARTICLE SIZE IS 50 TO 130 μ M. ALTHOUGH A MAXIMUM CONCENTRATION FOR SEIZURE AND LOSS OF CIRCULATION CONTROL IS 10.0 LB/BBL, LOSS OF FLUID FOR STOPPING OTHER JOINTS OR DURING OVERCURE MUST BE TAKEN INTO ACCOUNT. LOSS OF LIBERTY IN WATER BASE FLUIDS. CONTAINS MOST OF THE PROPERTIES LISTED BY VENDOR NAME, MANUFACTURER CODE, TYPE, GRADE, PRODUCT IDENTIFICATION AND MANUFACTURER'S CONCENTRATION OF 10.0 LB/BBL. AVAILABLE IN WATER, MEDIUM PARTICLE SIZE IS 50 TO 130 μ M. NATURAL, ARTIFICIAL FLAVORS INTERIOR USE, 20 TO 170 μ M. NATURAL, ARTIFICIAL FLAVORS INTERIOR USE, 20 TO 170 μ M.	100770362

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Material Sourcing List
Region 1: Saudi Arabia and GCC Countries

Item	Category	Material Description	Material Long Description	Material Number
			HANGER LINER, 7/8 IN END 1.9-5.19 IN END 2.58-4 LB END2, RECEPTACLE : 8.210 (PI, NOMINAL OD (ELASTOMERS) : 8.205 IN, SEAL BORE 10-MIN (TIE-BACK RECEPTACLE) : 7.624 IN, SEAL BORE LENGTH - MAX (TIE-BACK RECEPTACLE) : 116.800 IN, MAXIMUM OD (SETTING SLUEVE) : 8.210 IN, NOMINAL ANNUAL RY PASS AND JOINTURE HANGER R (S, CRNCH) : 2.193, MINIMUM ID : 8.700 IN, NOMINAL LENGTH : 147.248 IN, SETTING PRESSURE : 2745 PSI, BURST PRESSURE ABOVE ELASTOMERS (CALC) : 7468 PSI, BURST PRESSURE ABOVE ELASTOMERS REMARKS : 7-7/8 HST-OS-BOX, COLLAPSE PRESSURE ABOVE ELASTOMERS (CALC) : 5309 PSI, COLLAPSE PRESSURE REMARKS : 7-7/8 HST-OS-PIN TENSILE RATING ABOVE ELASTOMERS (CALC) : 345178 LBS, TENSILE RATING ABOVE ELASTOMERS REMARKS : 7-7/8 HST-OS-PIN BURST PRESSURE BELOW ELASTOMERS (CALC) : 8313 PSI, BURST PRESSURE BELOW ELASTOMERS REMARKS : 7-509 HST-OS-BOX COLLAPSE PRESSURE BELOW ELASTOMERS (CALC) : 8726 PSI, COLLAPSE PRESSURE BELOW ELASTOMERS REMARKS : 7-509 HST-OS-PIN TENSILE RATING BELOW ELASTOMERS (CALC) : 747500 PSI, TENSILE RATING BELOW ELASTOMERS REMARKS : 7-509 HST-OS-PIN, TORQUE RATING MAXIMUM (FT-LBS) : 71043, TORQUE RATING REMARKS : 7-509 HST-OS-PIN HYDRAULIC SETTING TOOL OPTION : 10125128(SBVR7006300), CONES FOR OPTION 1 HYDRAULIC SETTING TOOL : 101625475 59V960049, REMARKS : ADJUSTING SLEEVE : 101637127 (59V960092) IS REQUIRED TORQ LINER HANGER ID LENGTH MAX THE LINER HANGER ASSY VLN, 7-5/8 IN ID 3-5 IN 5-FEET BACK RECEPTACLE : 1322.78 IN, 58.4 LB, TYPE IN, EQUIPMENT HT NUMBER : 1016399.1, PART NUMBER, STANDARDS : CASCADIA : 59V700500, A 9.5/8 IN CALGAL, WEIGHT : 58.4 LB, MATERIAL : XXXX LOW ALLOY STEEL, ELEMENT MATERIAL : FLUOROCARBON RUBBER, TEMPERATURE RATING : 40 TO 275 DEG F, SERVICE STD, BOTTOM THREAD : 7, CONNECTION TYPE : PIN, MAKE-UP TORQUE, LINER HANGER : 4528 FT-LBS (MINIMUM), BODY : 4PP1817T-LBS : 5012 (OPTIMUM), 5535 (MAXIMUM) FOR 7-7/8 HST-OS, MAKE-UP TORQUE, LINER HANGER : 9043 FT-LBS (MINIMUM), BODY : LOWE RYFT-LBS : 10549 (OPTIMUM), 11053 (MAXIMUM) FOR 7-509 OS-HST, MAXIMUM OD : 8.21 IN, IN	
507	Drilling Equipment (Downhole Equipment)	HANGER LINER, 7/8- 5/8 L/VTCH, 529, 419X, 58.4#		1000828360
508	Drilling Equipment (Advanced Well Completion Equipment)	LINER FIBER OPTIC 50/125 SIZE FOR DTS	LINER FIBER OPTIC (GRADED INDEX MULTIMODE) TYPE SIZE 50/125, CARBON POLYIMIDE, DISTRIBUTED TEMPERATURE FIBER OPTIC FOR SCHLUMBERGER DISTRIBUTED TEMPERATURE SYSTEM, GEN 7, 50/125, CARBON POLYIMIDE BAH OPTICAL FIBER, FIBER TYPE : GRADED INDEX MULTI, MIDDLE, MAXIMUM OPERATING TEMPERATURE : 125 DEG C, FIBER COATING MATERIAL : CARBON POLYIMIDE	1000845762

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The University's Pre-Awards process must strictly be adhered to. Submission of the eRA pre-awards approval form via the eRA portal needs to be assigned to the Assistant Research Management Accountant, Joy Joachimss (extension 1582) who will reassess to one of the pre-award team members based on workload and / capacity. Computerworld covers a range of technology topics, with a focus on these core areas of IT: Windows, Mobile, Apple/ipentrise, Office and productivity ... Makes sure that controlled copies of latest approved documents and drawings are given to the appropriate staff. Partners Maintains the documents and drawings in the Document Control office - if applicable Prepares transmittals for review of incoming vendor documentation and for outgoing engineering and vendor documentation 27/05/2022 - by Jorge Vilches for the Sakar Blog. According to Ursula von der Leyen - President of the EU Commission - Europe today keeps buying Russian oil too "deny Putin an even larger war chest" by preventing Moscow from offering such EU-purchased oil to the world market and "profiting from soaring prices") (?).Actually, the undisputable Law of Supply & Demand dictates This complete revision of Applied Process Design for Chemical and Petrochemical plants, Volume 1 builds upon Ernest E. Ludwig's classic text to further enhance its use as a chemical engineering processes design manual. The second volume provides comprehensive coverage of applied process design methods and procedures. Computerworld covers a range of technology topics, with a focus on these core areas of IT: Windows, Mobile, Apple/ipentrise, Office and productivity ... 23/05/2022 - For SMEs, there are free and affordable solutions, while large businesses can work with any of IMDA's approved list of providers and their accounting or ERP software vendor to integrate this feature. IMDA has a list of Peppol-ready solution providers that can support SMEs' move to e-invoicing. Chevron Corporation is an American multinational energy corporation.One of the successor companies of Standard Oil, it is headquartered in San Ramon, California, and active in more than 180 countries.Chevron is engaged in every aspect of the oil and natural gas industries, including hydrocarbon exploration and production; refining, marketing and transport; chemicals ... Review the fundamentals of APA format and learn to cite several different source types using our detailed citation examples. Practical guide to

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