



SAUDI ARAMCO MOBIL REFINERY COMPANY LTD.

Approved Manufacturer's List

No.	Materials	Manufacturer/Company Name.	Country/State Name
1.0 Pipe			
1.1	CARBON STEEL (SEAMLESS)	BENTELER	GERMANY
		DALMINE	ITALY
		TAMSA	MEXICO
		NKK TUBES	JAPAN
		KOPPEL STEEL	PA
		SHARON TUBE	PA
		LAKE SIDE STEEL CORP.LTD.	CANADA
		US STEEL	Fair field, AL, lorain OH
		VALLOUREC AND MANNESMANN TUBES	OH, FRANCE, GERMANY
		SIDERCA S.A.I.C.	ARGENTINA
		ACERO DE MEXICO	Mexico
		JFE STEEL CORPORATION	JAPAN
		TIANJIN METAL PIPE CORPORATION LTD.	CHINA
		TUBOS DE ACERO DE MEXICO	Mexico
		V AND M STAR LP	USA
		PRODUCTOS TUBULARES SAU	SPAIN
		TTI-TUBACEX TUBOS INOXIDABLES SA	SPAIN
		DMV STAINLESS S.A.S.	FRANCE
		BENTELER STAHL /ROHR GMBH & CO. KG	GERMANY
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		TMK GLOBAL AG	SWITZERLAND
		BENTELER STAHL /ROHR GMBH & CO. KG	GERMANY
		TUBOS REUNIDOS S.A.	SPAIN
		VOESTALPINE TUBULARS GMBH & CO KG.	AUSTRIA
		NIPPON STEEL CORPORATION.	JAPAN
		MITTAL STEEL SOUTH AFRICA LTD.	S. AFRICA
		PIETRA SPA	ITALY
		PETROMATE OIL AND GAS EQUIPMENT	INDIA
		V AND M DEUTSCHLAND GMBH WERK RATH	GERMANY
		TENARIS DALMINE SPA	ITALY
		TENARIS NKKTUBES KEIHIN WORKS	JAPAN
		NIPPON STEEL AND SUMITOMO METAL CORPORATION	JAPAN
		VALLOUREC AND MANNESMANN	BRAZIL
		V AND M STAR VALLOUREC AND MANNESMANN	USA
		U.S. STEEL TUBULAR	USA
		TENARIS SILCOTUB	ROMANIA
		VOLZHISKY PIPE PLANT CJSC	RUSSIAN FED.
		JUBAIL ENERGY SERVICES CO. (JESCO)	K.S.A
		ARCELORMITTAL SOUTH AFRICA LTD TUBULAR PRODUCTS	S. AFRICA
		SALZGITTER MANNESMANN STAINLESS TUBES FRANCE	FRANCE
		SALZGITTER MANNESMANN ROHR SACHSEN GMBH	GERMANY
		MICHIGAN SEAMLESS TUBE	MI
		PTC ALLIANCE	DARLINGTON, PA
		TMK SINARSKI	KAMENSE-URALSKI, RUSSIA
		TMK TAGMET	TAGANROG, ROSTOV, RUSSIA
		WYMAN GORDON (PRECISION CASTPARTS CORP.)	HOUSTON,TX, USA
		EUROPIPE GMBH	GERMANY
		UMRAN CELIK BORU SANYII AS	TURKEY
		BERGROHR GMBH	GERMANY
		TATA STEEL TUBES 84" MILL	UK
EISENBAU KRAMER GMBH	GERMANY		
ERNDTEBRUECKER EISENWERK GMBH AND C	GERMANY		
CONFAB TUBOS, S.A.	BRAZIL		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		EUROPIPE FRANCE SA	FRANCE
		EEW KOREA CO LTD	S.KOREA
		VYKSA STEEL WORKS JSC	RUSSIAN FED.
		TIANJIN PIPE (GROUP) CORPORATION	CHINA
1.2	CARBON STEEL- WELDED	AMERICAN STEEL PIPE	AL
		BERGROHR (DSAW)	GERMANY
		BERG (LARGE DIAMETER)	FL
		CALIFORNIA STEEL	CA
		EISENBAU KRAMER (DSAW)	GERMANY
		EUROPE (DSAW)	GERMANY
		FUCHS (ERW)	GERMANY
		HYUNDAI-HYSCO	S. KOREA
		MANNESMANN (ERW)	GERMANY
		TENARIS (FORMERLY MAVRICK TUBE)	MO
		MAVRICK	AR, TX
		MAVRICK (FORMERLY LTV)	TN
		IPSCO (ERW)	CANADA
		NEWPORT STEEL, NIPPON STEEL / NKK	KY
		NKK (ERW)	JAPAN
		TUBULAR SUPPLY AND SERVICE (ERW)	UK
		US STEEL (CAMP HILL)	PA
		LONE STAR	USA
		TEX TUBE	USA
		UMRAN STEEL PIPE INC	Turkey
		TUBESA, S.A DE C.V.	Mexico
		JFE STEEL CORPORATION	Fukuyama, Keihin, JAPAN
		ERNDTEBRUCKER EISENWERK	GERMANY
		SALZGITTER GROSSROHRE GMBH	GERMANY
		CORUS GMBH	UNITED KINGDOM
		EISENBAU KRAMER MBH	GERMANY
		OSAKA TOKUSHU KOKAN MFG. CO. LTD.	JAPAN
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		UNITED METALLURGICAL COMPANY	RUSSIAN
		JINDAL SAW LIMITED	INDIA
		EUROPIPE GMBH	GERMANY
		IIVA LAMIERE E TUBI SRL	ITALY
		WELSPUN GUJRAT STAHL	INDIA
		GROUP FIVE PIPE SAUDI	K.S.A
		BENDE FERNDORF	GERMANY
		BERG STEEL PIPE CORPORATION	USA
		OSAKA TOKUSHU KOKAN MFG. CO. LTD.	JAPAN
		JULONG STEEL PIPE CO. LTD.	CHINA
		MC DERMOTT	Arab Emir
		PROCLAD INTERNATIONAL LTD.	UNITED KINGDOM
		GEYAD FOR COMERCE AND IMPORT	K.S.A
		VALLOUREC & MANNESMANN TUBES	FRANCE
		TENARIS GLOBAL SERVICES USA CORPORATION	USA
		NATIONAL PIPE COMPANY LIMITED	K.S.A
		BERGROHR GMBH SIEGEN	GERMANY
		NIPPON STEEL CORPORATION.	JAPAN
		SAUDI STEEL PIPE COMPANY LIMITED.(ERW)	K.S.A
		ALESSIO TUBI S.P.A.(ERW)	ITALY
		CORINTH PIPEWORKS S.A.(ERW)	Greece
		IIVA LAMIERE E TUBI SRL (ERW)	ITALY
		TDI TUBI DALMINE LLVA SRL (ERW)	ITALY
		SEAH STEEL CORPORATION (ERW)	S. KOREA



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		ARABIAN PIPES COMPANY (APC) (ERW)	K.S.A
		HUSTEEL CO. LTD. (ERW)	S. KOREA
		CORINTH PIPEWORKS S.A. (ERW)	GREECE
		CORUS TUBES (ERW)	UNITED KINGDOM
		NISHIMURA KOKI CO. LTD.	JAPAN
		ERNDTEBRUECKER EISENWERK GMBH AND C	GERMANY
		NIPPON STEEL AND SUMITOMO METAL CORP.	Nagoia, Hiari, JAPAN
		CONFAB TUBOS, S.A.	BRAZIL
		EUROPIPE FRANCE SA	FRANCE
		EEW KOREA CO LTD	S. KOREA
		JINDAL SAW LIMITED	INDIA
		TATA STEEL TUBES	UK
		ERNDTEBRUECKER EISENWERK	SACHEON, KOREA
		UMRAN CELIK BORU SANYII A.S.	TURKEY
		TENARIS NKKTUBES KEIHIN WORKS	JAPAN
		VYKSA STEEL WORKS JSC	RUSSIAN FED.
		VOLZHISKY PIPE PLANT CJSC	RUSSIAN FED.
		SHASHI STEEL PIPE WORKS JIANGHAN PETROLEUM ADMN BUREAU, SIN	CHINA
		BENDER FERNDORF EISEN UND METALLWERKE FERNDORF GMBH	GERMANY
		BAOJI PETROLEUM STEEL PIPE CO. LTD.	CHINA
		WELSPUN MIDDLE EAST PIPES LCC	KSA
		BENTELER	GERMANY
		DALMINE	GERMANY
		JFE	ITALY
		MICHIGAN SEAMLESS TUBE	MI
		NKK TUBES	JAPAN
		SUMITOMO,TENARIS	JAPAN
		SIDERCA	ARGENTINA
		TAMSA,V&M GROUP	MEXICO
		V&M DEUTSCHLAND	GERMANY
		WYMAN GORDON (PRECISION CASTPARTS CORP.)	USA
		AVESTA SANDVIK TUBE AB	SWEDEN
		PRODUCTOS TUBULARES SAU	SPAIN
		TITANIUM FABRICATION	USA
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		TTI-TUBACEX TUBOS INOXIDABLES SA	SPAIN
		DMV STAINLESS S.A.S.	FRANCE
		TUBOS REUNIDOS S.A.	SPAIN
		BENTELER STAHL /ROHR GMBH & CO. KG	GERMANY
		VALLOUREC & MANNESMANN TUBES	FRANCE
		SANDVIK TUBULAR PRODUCTRS	USA
		ALTHAMMER GMBH U. CO. KG	GERMANY
		VOESTALPINE TUBULARS GMBH AND CO KG	AUSTRIA
		JFE STEEL CORPORATION CHITA WORKS	JAPAN
		VALLOUREC AND MANNESMANN TUBES GMBH	GERMANY
		TENARIS DALMINE SPA	ITALY
		NIPPON STEEL AND SUMITOMO METAL CORP.	JAPAN
		SALZGITTER MANNESMANN ROHR SACHSEN GMBH	GERMANY
		DALMINE	ITALY
		MANNESMANN DMV STAINLESS, FRANCE	FRANCE
		MANNESMANN DMV STAINLESS ITALIA	ITALY
		MANNESMANN DMV STAINLESS USA	USA
		KOBE SPECIAL TUBE	JAPAN
		PRODUCTOS TUBULARES	SPAIN
1.3	LOW CHROME (UP TO 13%)- SEAMLESS		

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1.4	STAINLESS STEEL-SEAMLESS- STAINLESS STEEL INCLUDES TP 304,316,321, AND 347 MATERIALS.	PCC ENERGY GROUP (FORMERLY ROCKWELL COLLING ROLLMET)	CA
		SANDVIK	SWEDEN
		SANDVIK, PEXCO	PA
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		TUBACEX	SPAIN
		SCHOELLER BLECKMAN	AUSTRIA
		WYMAN GORDON (PRECISION CASTPARTS CORP.)	USA
		AVESTA SANDVIK TUBE AB	SWEDEN
		PRODUCTOS TUBULARES SAU	SPAIN
		ERNDTEBRUCKER EISENWERK	GERMANY
		TTI-TUBACEX TUBOS INOXIDABLES SA	SPAIN
		STAINLESS KUZE CO. LTD.	JAPAN
		STAINLESS PIPE KOGYO CO. LTD.	JAPAN
		SANDVIK MATERIALS TECHNOLOGY AB	SWEDEN
		H BUTTING BMBH & CO KG	GERMANY
		AVESTAPOLARIT PIPE INCORPORATED	USA
		SANDVIK TUBULAR PRODUCTRS	USA
		SOSTA EDELSTAHLROHRWERK GMBH & CO K	GERMANY
		ALTHAMMER GMBH U. CO. KG	GERMANY
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		SANYO SPECIAL STEEL CO. LTD.	JAPAN
		FROCH ENTERPISE CO. LTD.	TAIWAN
		NISHIMURA KOKI CO. LTD.	JAPAN
		OUTOKUMPU STAINLESS TUBULAR PRODUCT	SWEDEN
		HANDY AND HARMAN INCORPORATED	USA
		ASSOCIATED TUBE INDUSTRIES	CANADA
		SANDVIK MATERIALS	CANADA
		THERMON HEAT TRACING SERVICES	USA
		SCHOELLER-BLECKMANN	AUSTRIA
		PROFINS LTD.	UNITED KINGDOM
		DMV STAINLES S.A.S.	FRANCE
		DMV STAINLES ITALIA SRL	ITALY
		SANDVIK ITALIANA SPA	ITALY
		SANDVIK MATERILS TECHNOLOGY MENA	TURKEY
		SUMIKIN STAINLESS STEEL TUBE CO. LTD.	JAPAN
		KOBE SPECIAL TUBE CO. LTD.	JAPAN
		SALZGITTER MANNESMANN STAINLESS TUBES ITALIA S.R.L.	ITALY
		OUTOKUMPU STAINLESS INC	USA
		SALZGITTER MANNESMANN STAINLESS TUBES DEUTSCHLAND GMBH	GERMANY
		BSL PIPES AND FITTINGS SAS	FRANCE
INOX TECH SPA RONDA GROUP	ITALY		
OUTOKUMPU ARMETAL STAINLESS PIPE CO LTD.	K.S.A		
CHANGSHU WALSIN SPECIALTY STEEL	Haiyu Town, Jiangsu, CHINA		
CENTRAVIS	Nikopol, UKRAINE		
MICHIGAN SEAMLESS TUBE	South Lyons, MI		
SUMIKIN & NIPPON STEEL SS PIPE CO	Fujisawa, JAPAN		
		BRISTOL METALS	TN
		BUTTING	GERMANY
		ERNDTEBRUCKER EISNWERK	GERMANY
		MACH INDUSTRIES	USA
		MARCEGAGLIA	PA
		OUTOKUMPU STAINLESS	FL
		OUTOKUMPU STAINLESS	SWEDEN
SITINDUSTRIE	SWEDEN		



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1.5	STAINLESS STEEL-WELDED- STAINLESS STEEL INCLUDES TP 304,316,321, AND 347 MATERIALS.	BSL T. R. (NPS 10 AND ABOVE)	FRANCE
		SITAI INOX (THROUGH NPS 8)	ITALY
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		SWEPCO	NJ
		INOXTECH SPA	Lendinara, ITALY
		NAS TOA (UP TO NPS 12)	Chigasaki, JAPAN
		NAS TOA (NPS 14 & Above)	Kawasaki, JAPAN
		SUMIKIN & NIPPON STEEL SS PIPE CO	Koga, JAPAN
		NISSHIN STEEL	Amagasaki, JAPAN
		STAINLESS PIPE KOGYO	Sakai, JAPAN
1.6	ALLOY 20 AND OTHER NICKEL ALLOYS- SEAMLESS	MANNESMANN DMV STAINLESS, MANNESMANN DMV STAINLESS FRANCE	FRANCE
		MANNESMANN DMV STAINLESS ITALIA	ITALY
		MANNESMANN DMV STAINLESS USA	USA
		HAYNES (EXC. ALLOY 20)	IN
		SPECIAL METALS / HUNTINGTON ALLOY, KOBE	WV
		KOBE SPECIAL TUBE	JAPAN
		SANDVIK	PA
		SUMITOMO (EXCL. HASTELLOY)	JAPAN
		TUBACEX	SPAIN
		SCHOELLER BLECKMAN	AUSTRIA
		TIANJIN PIPE (GROUP) CORPORATION LT 250 MILL FOR MPM 7" TO 10-3/4" OD	CHINA
		SALZGITTER MANNESMANN STAINLESS TUBES FRANCE	FRANCE
		NIPPON STEEL AND SUMITOMO METAL CORPORATION AMAGASAKI WORKS	JAPAN
		TITANIUM FABRICATION CORPORATION	USA
		SALZGITTER MANNESMANN STAINLESS TUBES FRANCE DEUTSCHLAND GMBH	GERMANY
		SANDVIK TUBULAR PRODUCTS	USA
		BSL PIPES AND FITTINGS SAS	FRANCE
		ALTHAMMER GMBH U CO KG	GERMANY
SPECIAL METALS WIGGIN LTD	UK		
SANYO SPECIAL STEEL CO. LTD.	Himeji, JAPAN		
TOKUSHUGIKENKOGYO	Saitma, JAPAN		
1.7	ALLOY 20 AND OTHER NICKEL ALLOYS- WELDED	OUTOKUMPU STAINLESS (FORMERLY AVESTAPOLARIT)	Wildwood, Jakobstad, FINLAND
		BRISTOL METALS	TN
		HAYNES	IN
		MITSUBISHI MATERIALS	JAPAN
		MARCEGAGLIA	PA
		SWEPCO	NJ
		RATH MANUFACTURING	WI
		OUTOKUMPU STAINLESS	Nyby, Storfors, SWEDEN
		KOBE SPECIAL TUBE	Chofu-Kita, JAPAN
		STAINLESS PIPE KOGYO	Sakai, JAPAN
1.8	DUPLEX-SEAMLESS	KOBE, KOBE SPECIAL TUBE	JAPAN
		MANNESMANN DMV STAINLESS	USA
		MANNESMANN DMV STAINLESS FRANCE	FRANCE
		MANNESMANN DMV STAINLESS ITALIA	ITALY
		MANNESMANN DMV STAINLESS USA	USA
		PRODUCTOS TUBULARES	SPAIN
		SANDVIK	SWEDEN
		SANDVIK	PA
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		TUBACEX	SPAIN
SCHOELLER BLECKMAN	AUSTRIA		

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1.9	DUPLEX-WELDED	OUTOKUMPU STAINLESS	Wildwood, Jakobstad, FINLAND
		OUTOKUMPU	Nyby, SWEDEN
		OUTOKUMPU (NPS 2-4)	Storfors, SWEDEN
		BRISTOL METALS	TN
		MARCEGAGLIA	PA
		SWEPCO	NJ
		RATH MANUFACTURING	WI
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		NAS TOA	Chigasaki, JAPAN
		SUMIKIN & NIPPON STEEL SS PIPE CO	Noda, JAPAN
		INOXTECH SPA NPS 8 & above)	Lendinara, ITALY
1.10	PIPE, METALLIC, SAW, LOW TEMP. SERVICE.(ASTM A333)	BERGROHR GMBH	GERMANY
		JFE STEEL CORPORATION	JAPAN
		TATA STEEL TUBES 84" MILL	UK
		EISENBAU KRAMER GMBH	GERMANY
		ERNDTEBRUECKER EISENWERK GMBH AND C	GERMANY
		NIPPON STEEL AND SUMITOMO METAL CORP.	JAPAN
		OSAKA TOKUSHU KOKAN MFG CO LTD SHIGA PLANT	JAPAN
		BERG STEEL PIPE CORP.	USA
		EUROPIPE FRANCE SA	FRANCE
		EEW KOREA CO LTD	S. KOREA
		NISHIMURA KOKI CO., LTD.	JAPAN
JULONG STEEL PIPE CO LTD	CHINE		
1.11	PIPE, METALLIC, SEAMLESS, LOW TEMP. SERVICE(ASTM A333)	VOESTALPINE TUBULARS GMBH AND CO KG	AUSTRIA
		JFE STEEL CORPORATION CHITA WORKS	JAPAN
		TIANJIN PIPE (GROUP) CORPORATION LT 250 MILL FOR MPM 7" TO 10-3/4" OD	CHINE
		VALLOUREC AND MANNESMANN DEVILLE PLANT	FRANCE
		VALLOUREC AND MANNESMANN TUBES GMBH	GERMANY
		PRODUCTOS TUBULARES SAU	SPAIN
		BENTELER STAHL ROHR GMBH WERK 65	GERMANY
		SALZGITTER MANNESMANN STAINLESS TUBES FRANCE	FRANCE
		V AND M DEUTSCHLAND GMBH WERK RATH	GERMANY
		TENARIS DALMINE SPA	ITALY
		TTI - TUBACEX TUBOS INOXIDABLES SA	SPAIN
		TUBOS REUNIDOS SA AMURRIO PLANT	SPAIN
		TENARIS NKKTUBES KEIHIN WORKS	JAPAN
		NIPPON STEEL AND SUMITOMO METAL CORPORATION WAKAYAMA WORKS	JAPAN
		SIDERCA S.A.I.C.	ARGENTINA
		VALLOUREC AND MANNESMANN	BRAZIL
		V AND M STAR VALLOUREC AND MANNESMANN	USA
		TUBOS DE ACERO DE MEXICO	MEXICO
		U.S. STEEL TUBULAR	USA
		V AND M STAR LP VALLOUREC AND MANNESMANN	USA
SALZGITTER MANNESMANN ROHR SACHSEN GMBH	GERMANY		
TENARIS SILCOTUB	ROMANIA		
JUBAIL ENERGY SERVICES CO. (JESCO)	K.S.A		
1.12	C.S & ALLOY STEEL(UPTO 9Cr) WELDED PIPE FOR HIGH PRESSURE & HIGH TEMP.	JFE STEEL CORPORATION EAST JAPAN WORKS CHIBA WORKS	JAPAN
		ERNDTEBRUECKER EISENWERK GMBH AND C	GERMANY
		JFE STEEL CORPORATION WEST JAPAN WORKS FUKUYAMA WORKS	JAPAN
		NIPPON STEEL AND SUMITOMO METAL CORPORATION KIMITSU WORKS	JAPAN
		OSAKA TOKUSHU KOKAN MFG CO LTD SHIGA PLANT	JAPAN
		OSAKA TOKUSHU KOKAN MFG CO LTD TOKUSHIMA PLANT	JAPAN

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		EEW KOREA CO LTD	S. KOREA
		NISHIMURA KOKI CO., LTD.	JAPAN
1.13	CARBON STEEL CLAD PIPE	EISENBAU KRAMER GMBH	GERMANY
		ERNDTEBRUECKER EISENWERK GMBH AND C	GERMANY
		THE JAPAN STEEL WORKS LTD MURORAN PLANT	JAPAN
		H BUTTING GMBH AND CO KG	GERMANY
		INOX TECH SPA RONDA GROUP	ITALY
		IODS	UK
		PT CLADTEK INTERNATIONAL	INDONESIA
1.14	PIPE, METALLIC, STEEL, GALVANIZED.	SAUDI STEEL PIPE COMPANY LIMITED.	K.S.A
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		WHEATLAND TUBE COMPANY	USA
1.15	COOPER / NICKEL PIPE	BSL PIPES AND FITTINGS SAS	FRANCE
		LE BRONZE INDUSTRIEL SAS	FRANCE
1.16	PIPE; METALLIC; STEEL; INTERNALLY CEMENT LINED, COATED	ARABIAN PIPE COATING COMPANY	K.S.A
		NIPPON STEEL CORPORATION.	JAPAN
		AL-QATHANI PIPE COATING TERMINAL	K.S.A
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		AMERON SAUDI ARABIA CO. LTD.	K.S.A
		RAYMOND SAUDI ARABIA CO. LTD.	K.S.A
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN
		CEMENT LINING COMPANY INCORPORATED.	USA
		NKK TUBES	JAPAN
		NIPPON STEEL AND SUMITOMO METAL CORP.	JAPAN
		GEYAD FACTORY FOR PRESSURE VESSELS AND STEEL STRUCTURES	K.S.A
		MOHAMMAD AL-MOJIL GROUP STEEL FACTORY	K.S.A
		TENARIS NKK TUBES KEIHIN WORKS	JAPAN
		H BUTTING GMBH AND CO KG	GERMANY
PT CLADTEK INTERNATIONAL	INDONESIA		
1.17	PIPE, NON-METALLIC, EPOXY, POLYESTER.	BONDSTRAND COMPANY LIMITED	K.S.A
		AMIANITIT FIBERGLASS INDUSTRIES	K.S.A
		AMIANITIT EPOXY PIPE PROD. PLANT	K.S.A
		NEW PRODUCTS INDUSTRIES (NEPRO)	K.S.A
		SAUDI INDUSTRIES FOR PIPES COMPANY	K.S.A
		SAPPCO DAMMAM FACTORY BRANCH	K.S.A
		AQUATHERM KUNSTSTOFF- EXTRUSIONS	GERMANY
		COMPOSITE PIPES INDUSTRY LIC	OMAN
		FUTURE PIPE INDUSTRIES	K.S.A
1.18	PIPE, NON-METALLIC, THERMOPLASTIC	NEW PRODUCTS INDUSTRIES (NEPRO)	K.S.A
		GEORGE FISCHER SLOANE, INC.	USA
		SAPPCO DAMMAM FACTORY	K.S.A
		SAUDI PREINSULATED PIPES INDUSTRIES (SPPI)	K.S.A
		FIRAT PLASTIK KAUCUK SAN VE TIC AS	TURKEY
		AMIANITIT POLYOLEFIN PIPING SYSTEM CO	K.S.A
AL WASAIL IRRIGATION SYSTEM FACTORY	K.S.A		
1.19	PIPE, METALLIC, NON-METALLIC, SUBSEA	NATIONAL OILWELL VARCO DENMARK I S	DENMARK
		WELLSTREAM INTL LTD	UK
		FLEXI FRANCE	FRANCE
		NEXANS NORWAY AS	NORWAY
1.20	PIPE, NON-METALLIC, RTP	PIPELIFE NETHERLANDS B.V.	Netherlands
		NATIONAL OILWELL VARCO DENMARK I S	DENMARK
2.0 Pipe Fittings			
		TECNOFORGE SPA	ITALY
		ALLOY PIPING PRODUCTS INCORPORATED	USA



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		CUSTOM ALLOY CORPORATION	USA
		STEEL FORGINGS INCORPORATED	USA
		TUBE FORGINGS OF AMERICA	USA
		SUNGKWANG BEND CO. LTD.	S. KOREA
		TAE KWANG BEND INDUSTRIES CO. LTD.	S. KOREA
		SUNGKWANG BEND CO. LTD.	JAPAN
		SIMAS SPA	ITALY
		TRINITY FITTING GROUP	USA
		TEBACEX TAYLOR ACCESORIOS SA	SPAIN
		BENEX CORPORATION	JAPAN
		BKL FITTINGS LTD.	UNITED KINGDOM
		IML INDUSTRIA MECCANICA	ITALY
		VECTOR INTERNATIONAL	UNITED KINGDOM
		DYNAMIC PRODUCTS INCORPORATED	USA
		WFI INTERNATIONAL INCORPORATED	USA
		CANADOIL USA INCORPORATED	USA
		LINVIC ENGINEERING LTD.	UNITED KINGDOM
		RACCORDI FORGIATI SRL	ITALY
		TECTUBI RACCORDI SPA	ITALY
		SHAW ALLOY PIPING PRODUCTS	USA
		CANADOIL ASIA LTD.	THAILAND
		NIPPON BEND CO. LTD.	JAPAN
		PETROL RACCORD SPA	ITALY
		BASSI LUIGI & C SPA	ITALY
		RACCRDI FORGIATI SRL	ITALY
		WILSONS PLC	UNITED KINGDOM
		PIPELINE DEVELOPMENT COMPANY	USA
		MEGA SPA	ITALY
		INTERFIT S A	FRANCE
		WILHELM SCHULZ EXPORT GMBH	GERMANY
		SPIE ENERTRANS	FRANCE
		UHLIG ROHRBOGEN GMBH	GERMANY
		SAUDI ARABIAN FABRICATED METALS	K.S.A
		WILHELM GELDBEACH INDUSTRIE GMBH	GERMANY
		MOIZIEUX GAUCHON INDUSTRIES (MGI)	FRANCE
2.1	BUTT WELD END FITTINGS-CARBON STEEL	ERNE FITTINGS GMBH	AUSTRIA
		APP (SHAW)	LA
		AWAJI (ASK)	THAILAND
		BENKAN	JAPAN
		CANADOIL FORGE	CANADA
		CUSTOM ALLOY	NJ
		DYNAMIC PRODUCTS INC. (DPI)	USA
		ERNE	AUSTRIA
		SIEKMANN	GERMANY
		EZEFLOW	CANADA
		GROUP GENOYER (CARLYLE)	CANADA
		WILHELM GELDBACH	GERMANY
		HACKNEY-LADISH	OK
		HACKNEY-LADISH	AR
		PETROL RECORD	ITALY
		TENARIS	MEXICO
		TK CORP.	S. KOREA
		TUBE FORGING OF AMERICA (TFA)	OR
		VALLOUREC/INTERFIT	FRANCE
		WELDBEND	IL
		WFI (BONNEY FORGE)	USA



SAUDI ARAMCO MOBIL REFINERY COMPANY LTD.

Approved Manufacturer's List

No.	Materials	Manufacturer/Company Name.	Country/State Name
		CANADOIL FORGE LTD./LTEE	CANADA
		PIANA SPA	ITALY
		VIAR SPA	ITALY
		THAI BENKAN CO LTD	THAILAND
		NIPPON STEEL AND SUMITOMO METAL CORP.	JAPAN
		LADISH DIVISION/TRINITY	USA
		MUNRO AND MILLER FITTINGS DIVISI DIVISION OF EZEFLOW UK	UK
		WELDBEND	USA
		ERNE FITTINGS MIDDLE EAST CO. LTD.	K.S.A
		ALASKAN COPPER WORKS	USA
		BOTH-WELL STEEL FITTINGS CO LTD	TAIWAN
		TECHNO FORGE	ITALY
		FILMAG	Rivolta D'Adda, ITALY
		RAM FORGE & STEEL	USA
		SUMIKIN KIKOH	Hyogo, JAPAN
		WELDING OUTLETS (WOI)	Houston, TX
		APP (SHAW)	LA
		AWAJI (ASK)	THAILAND
		BENEX CORPORATION	JAPAN
		BENKAN	JAPAN
		DYNAMIC PRODUCTS INC. (DPI)	USA
		CANADOIL FORGE	CANADA
		ERNE	AUSTRIA
		EZEFLOW	CANADA
		GROUP GENOYER (CARLYLE)	CANADA
		WILHELM GELDBACH	GERMANY
		HACKNEY-LADISH	OK
		HACKNEY-LADISH	AR
		PETROL RECORD	ITALY
		SK BEND	S. KOREA
		TK CORP.	S. KOREA
		WFI (BONNEY FORGE)	USA
		WILHELM SCHULZ	GERMANY
		BASSI LUIGI & C SPA	ITALY
		LINVIC ENGINEERING LTD.	UNITED KINGDOM
		TECTUBI RACCORDI SPA	ITALY
		ALLOY PIPING PRODUCTS INCORPORATED	USA
		CUSTOM ALLOY CORPORATION	USA
		DYNAMIC PRODUCTS INCORPORATED	USA
		STEEL FORGINGS INCORPORATED	USA
		WFI INTERNATIONAL INCORPORATED	USA
		TAE KWANG BEND INDUSTRIES CO. LTD.	S.Korea
		PETROL RACCORD SPA	ITALY
		WILSONS PLC	UNITED KINGDOM
		TUBE FORGINGS OF AMERICA	USA
		ERNE FITTINGS GMBH	AUSTRIA
		ULMA FORJA S. COOP	SPAIN
		IML INDUSTRIA MECCANICA	ITALY
		IHARA SCIENCE CORPORATION	JAPAN
2.2	BUTTWELD END FITTINGS-LOW CHROME (UP TO 13% CHROME)	MEGA SPA	ITALY
		DELCORTE SA	FRANCE
		WILHELM GELDBACH INDUSTRIE GMBH	GERMANY
		SPIE ENERTRANS	FRANCE
		TECNOFOGRE SPA	ITALY
		TEBACEX TAYLOR ACCESORIOS SA	SPAIN



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		UHLIG ROHRBOGEN GMBH	GERMANY
		BENEX CORPORATION	JAPAN
		CANADOIL ASIA LTD.	THAILAND
		NIPPON BEND CO. LTD.	JAPAN
		SUNGKWANG BEND CO. LTD.	JAPAN
		TAE KWANG BEND INDUSTRIES CO. LTD.	JAPAN
		SIMAS SPA	ITALY
		MOIZIEUX GAUCHON INDUSTRIES (MGI)	FRANCE
		BKL FITTINGS LTD.	UNITED KINGDOM
		WILHELM SCHULZ EXPORT GMBH	GERMANY
		RACCORDI FORGIATI SRL	ITALY
		CANADOIL USA INCORPORATED	USA
		SUNGKWANG BEND CO. LTD.	S. KOREA
		LADISH COMPANY / TRINITY	USA
		PIANA SPA	ITALY
		VIAR SPA	ITALY
		NAUTIC STEELS LTD	UNITED KINGDOM
		SSE PIPEFITTINGS LTD	UNITED KINGDOM
		NIPPON STEEL AND SUMITOMO METAL CORPORATION	JAPAN
		MUNRO AND MILLER FITTINGS DIVISI DIVISION OF EZEFLOW UK	UK
		BSL PIPES AND FITTINGS SAS	FRANCE
		ALASKAN COPPER WORKS	USA
		THAI BENKAN CO LTD	THAILAND
		SHAW ALLOY PIPING PRODUCTS	USA
		BOTH-WELL STEEL FITTINGS CO LTD	TAIWAN
		CUSTOM ALLOY	High Bridge, NJ
		SUMIKIN KIKOH	Hyogo, JAPAN
		APP (SHAW)	LA
		AWAJI (ASK)	THAILAND
		BENEX CORPORATION	JAPAN
		BENKAN	JAPAN
		CANADOIL FORGE	CANADA
		CUSTOM ALLOY	NJ
		DYNAMIC PRODUCTS INC. (DPI)	USA
		ERNE	AUSTRIA
		EZEFLOW	CANADA
		FLOWLINE	PA
		CORE PIPE (Formerly GERLIN) (PICOR)	Carol Stream, IL
		PETROL RACCORD	ITALY
		SK BEND	S. KOREA
		TK CORP.	S. KOREA
		WFI (BONNEY FORGE)	USA
		WILHELM SCHULTZ	GERMANY
		ALASKAN COPPER WORKS	USA
		TUBE FORGINGS OF AMERICA	USA
		SIMAS SPA	ITALY
		PIANA SPA	ITALY
		BOTH-WELL STEEL FITTINGS CO LTD	TAIWAN
		SUNGKWANG BEND CO. LTD.	S.Korea
		BASSI LUIGI AND C SPA	ITALY
		THAI BENKAN CO LTD (NPS 16 & SMALLER)	THAILAND
		SUMIKIN KIKOH	Hyogo, JAPAN
		MACH INDUSTRIES	Houston, TX
		TAYLOR FORGE	Somerville, NJ
2.3	BUTTWELD END FITTINGS-STAINLESS STEEL-SS INCLUDING TP 304,316,321, AND 347 MATERIAL.		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		TECTUBI	Milan, ITALY
		TECHNO FORGE	ITALY
2.4	BUTTWELD END FITTINGS-ALLOY-20 AND OTHER NICKEL ALLOY	APP (SHAW)	LA
		CUSTOM ALLOY	NJ
		EZEFLOW	CANADA
		FLOWLINE	PA
		SK BEND	S. KOREA
		TUBACEX	SPAIN
		BASSI LUIGI AND C SPA	ITALY
		TUBE FORGINGS OF AMERICA	USA
		SIMAS SPA	ITALY
		PIANA SPA	ITALY
		BOTH-WELL STEEL FITTINGS CO LTD	TAIWAN
		PETROL RACCORD SPA	ITALY
		ALASKAN COPPER WORKS	USA
		J & J	Houston, TX
		MIE TECHNO	Kuwana, JAPAN
		OFFICINE ORSI SPA. (Incoloy 825 Only)	Carpiano, ITALY
WILHELM SCHULZ	Krefeld, GERMANY		
TAYLOR FORGE	NJ		
2.5	BUTTWELD END FITTINGS-DUPLEX	APP (SHAW)	LA
		CUSTOM ALLOY	NJ
		ERNE	AUSTRIA
		EZEFLOW	CANADA
		FLOWLINE	PA
		SK BEND	S. KOREA
		TUBACEX	SPAIN
		WILHELM SCHULTZ	GERMANY
		BASSI LUIGI AND C SPA	ITALY
		TUBE FORGINGS OF AMERICA	USA
		SIMAS SPA	ITALY
		PIANA SPA	ITALY
		BOTH-WELL STEEL FITTINGS CO LTD	TAIWAN
		PETROL RACCORD SPA	ITALY
		PETROL RACCORD SPA	ITALY
		ALASKAN COPPER WORKS	USA
SUMIKIN KIKOH	Hyogo, JAPAN		
MIE TECHNO	Kuwana, JAPAN		
2.6	BRANCH OUTLET FITTINGS (O'LETS)-ALL MATERIALS	MERWEDE VALVES BV	NETHERLAND
		WFI INTERNATIONAL INCORPORATED	USA
		PROMAT BD LTD.	UNITED KINGDOM
		BASSI LUIGI & C SPA	ITALY
		IML INDUSTRIA MECCANICA	ITALY
		MEGA SPA	ITALY
		DELCORTE SA	FRANCE
		PETROL RACCORD SPA	ITALY
		TEXAS PMW INCORPORATED	USA
		LINVIC ENGINEERING LTD.	UNITED KINGDOM
		BONNEY FORGE CORPORATION	USA
		BONNEY FORGE	ITALY
		IML	ITALY
		PENN MACHINE WORKS	PA
		PENN MACHINE WORKS ,PHOENIX FORGE GROUP	USA
		PHOENIX FORGING (CARBON STEEL ONLY)	PA
WELDING OUTLETS (WOI)	USA		
WESTBROOK (WMI)	USA		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		VIAR SPA	ITALY
		SBC BEND CO LTD	S. KOREA
		NAUTIC STEELS LTD	UK
		RACCORDI FORGIATI SRL PART OF ALLIED INTERNATIONAL	ITALY
		UMEZAWA SEISAKUSHO	Tokyo, JAPAN
		MEGA SPA	ITALY
		DYNAMIC PRODUCTS INCORPORATED	USA
		WFI INTERNATIONAL INCORPORATED	USA
		TEXAS PMW INCORPORATED	USA
		LINVIC ENGINEERING LTD.	UNITED KINGDOM
		BONNEY FORGE CORPORATION	USA
		PETROL RACCORD SPA	ITALY
		LINVIC ENGINEERING LTD.	ITALY
		BKL FITTINGS LTD.	UNITED KINGDOM
		BASSI LUIGI & C SPA	ITALY
		INTERFIT S A	FRANCE
		WILHELM SCHULZ EXPORT GMBH	GERMANY
		TECNOFORGE SPA	ITALY
		RACCORDI FORGIATI SRL	ITALY
		TECTUBI RACCORDI SPA	ITALY
		CUSTOM ALLOY CORPORATION	USA
		STEEL FORGINGS INCORPORATED	USA
		TUBE FORGINGS OF AMERICA	USA
		BENEX CORPORATION	JAPAN
		CANADOIL ASIA LTD.	THAILAND
		NIPPON BEND CO. LTD.	JAPAN
		ERNE FITTINGS GMBH	AUSTRIA
		SIMAS SPA	ITALY
		DELCORTE SA	FRANCE
		IHARA SCIENCE CORPORATION	JAPAN
		WARD MANUFACTURING INCORPORATED	USA
		ANVIL INTERNATIONAL	USA
		ANVIL	CANADA
		CANVIL	PA
		BONNEY FORGE	ITALY
		IML, MEGA & OMC	ITALY
2.7	FORGED STEEL FITTINGS-ASME B16.11-ALL MATERIALS	PENN MACHINE WORKS	PA
		PENN MACHINE WORKS, PHOENIX FORGE GROUP	USA
		CAPITOL MFG. (CARBON STEEL)	LA
		CAMCO FITTINGS (STAINLESS STEEL)	LA
		WELDING OUTLETS (WOI)	USA
		WESTBROOK (WMI)	USA
		WILSONS PLC	UNITED KINGDOM
		ULMA FORJA S. COOP	SPAIN
		VOESTALPINE TUBULARS GMBH & CO KG.	AUSTRIA
		IML INDUSTRIA MECCANICA	ITALY
		OFFICINE A. METAESI AND CO.	ITALY
		BRUCK GMBH ENSHEIN	GERMANY
		SUNGWANG BEND CO. LTD.	S. KOREA
		TAE KWANG BEND INDUSTRIES CO. LTD.	S. KOREA
		LAME FORGED STEEL FITTING AND OUTLETS	ITALY
		MERWEDE VALVES BV	NETHERLANDS
		PIANA SPA	ITALY
		BOTH-WELL STEEL FITTINGS CO LTD	TAIWAN
		MANNESMANN DMV STAINLESS	USA



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		VIAR SPA	ITALY
		ALLOY STAINLESS PRODUCTS (SS/ALLOYS ONLY)	Tottowa, NJ
		DASON STAINLESS PRODUCTS	Rahway, NJ
		SUMIKIN KIKOH	Hyogo, JAPAN
		UMEZAWA SEISAKUSHO	Tokyo, JAPAN
		J & J	Houston, USA
		C & C (CS Hammer unions)	Nam-Gu, S.KOREA
		FITTINOX (Stainless Steel)	Podenzano, ITALY
		FMC TECHNOLOGIES (Fluid swivels)	Houston, USA
		MARBERRY MACHINE (Swivel component)	Houston, USA
		SIAM (Maellable iron only, through NPS 4)	Samutsakrn, THAILAND
		ZUNT Italiana Srl	Bergamo, ITALY
		SYPRIS TECHNOLOGIES	Louisville, KY
		VICTAULIC	Easton, PA
2.8	PIPE BENDS, RETURN,ALLOY STEEL,CARBON STEEL & LOW TEMP. CARBON STEEL(ASTM A333).	BASSI LUIGI & C SPA	ITALY
		SPIE ENERTRANS	FRANCE
		TECNOFORGE SPA	ITALY
		TEBACEX TAYLOR ACCESORIOS SA	SPAIN
		ALASKAN COPPER WORKS	USA
		CUSTOM ALLOY CORPORATION	USA
		TUBE FORGINGS OF AMERICA	USA
		BENEX CORPORATION	JAPAN
		SHAW NASS MIDDLE EAST W. L. L.	BAHRAIN
		WESTER PIJPLEIDINGEN BV	NETHERLANDS
		ERNE FITTINGS GMBH	AUSTRIA
		SAUDI STEEL PIPE COMPANY LIMITED.	K.S.A
		WILHELM GELDBACH INDUSTRIE GMBH	GERMANY
		DYNAMIC PRODUCTS INCORPORATED	USA
		TRINITY FITTING GROUP	USA
		NIPPON BEND CO. LTD.	JAPAN
		SIMAS SPA	ITALY
		TECTUBI RACCORDI SPA	ITALY
		PETROL RACCORD SPA	ITALY
		BKL FITTINGS LTD.	UNITED KINGDOM
		SUNGKWANG BEND CO. LTD.	S. KOREA
		TAE KWANG BEND INDUSTRIES CO. LTD.	S. KOREA
		LINVIC ENGINEERING LTD.	UNITED KINGDOM
		DAI-ICHI HIGH FREQUENCY CO LTD CHIBA WORKS	JAPAN
		NIPPON STEEL AND SUMITOMO METAL CORPORATION KIMITSU WORKS	JAPAN
		SUNGJIN GEOTEC COMPANY LIMITED ULSAN PLANT	S. KOREA
		SHAW SUNLAND FABRICATORS, INC.	USA
		PSL LIMITED	INDIA
		PIANA SPA	ITALY
		PRIMUS PROCESSAMENTO DE TUBOS S.A. PROTUBO	BRAZIL
		COFELY FABRICOM NV/SA	BELGIUM
		COFELY FABRICOM BV	NETHERLANDS
		RACCORDI FORGIATI SRL PART OF ALLIED INTERNATIONAL	ITALY
		BASSI LUIGI AND C SPA	ITALY
		SUNGKWANG BEND CO LTD	S. KOREA
		WILHELM SCHULZ GMBH	GERMANY
		TECTUBI RACCORDI SPA	ITALY
		CUSTOM ALLOY CORPORATION	USA
		DYNAMIC PRODUCTS, INCORPORATED	USA
		TUBE FORGINGS OF AMERICA	USA



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No.	Materials	Manufacturer/Company Name.	Country/State Name
2.9	PIPE CAP, REDUCER, TEE, BUTT WELD, LOW TEMP STEEL.(ASTM A420)	CANADOIL FORGE LTD./LTEE	CANADA
		IML INDUSTRIA MECCANICA LIGURE SPA	ITALY
		ERNE FITTINGS GMBH	AUSTRIA
		INTERFIT SA GROUPE VALLOUREC	FRANCE
		LINVIC ENGINEERING LIMITED	UK
		BENKAN JAPAN KK OSAKA FACTORY	JAPAN
		THAI BENKAN CO LTD	THAILAND
		SIMAS SPA	ITALY
		\$\$ MUNRO AND MILLER FITTINGS DIVISI DIVISION OF EZEFLOW UK	UK
		PIANA SPA	ITALY
		WILHELM GELDBACH INDUSTRIE GMBH	GERMANY
		SHAW ALLOY PIPING PRODUCTS	USA
		LADISH DIVISION/TRINITY	USA
		W F I INTERNATIONAL INCORPORATED	USA
PETROL RACCORD SPA	ITALY		
2.10	PIPE NIPPLE ANY METAL (NON-STANDARD Sizes etc)	CAP PRODUCTS	CANADA
		IML INDUSTRIA MECCANICA LIGURE	SPAIN
		W F I INTERNATIONAL INCORPORATED	USA
		MEGA SPA	ITALY
		DELCORTE SA	FRANCE
		MISSOURI PIPE FITTINGS	MO
		MERWEDE VALVES BV(NETHERLANDS
		PIANA SPA	ITALY
		SBC BEND CO LTD	SOUTH KOREA
		VIAR SPA	ITALY
		MANNESMANN DMV STAINLESS	USA
BOTH-WELL STEEL FITTINGS CO LTD	TAIWAN		
2.11	SWAGE NIPPLES-ALL MATERIALS (STAMPED LOGO, SIZE SCHEDULE AND HEAT CODE REQUIRED.)	ANVIL INTERNATIONAL, J.B. SMITH	USA
		IML	ITALY
		KEDDCO.	CANADA
		MILLS IRON WORKS	CA
		PENN MACHINE WORKS	PA
		PENN MACHINE WORKS	USA
		PHOENIX FORGE GROUP	USA
		CAPITOL MFG. (CARBON STEEL)	LA
		WELDING OUTLETS (WOI)	USA
		WESTBROOK (WMI)	USA
		WFI (BONNEY FORGE)	USA
2.12	PIPE SADDLE CARBON STEEL; FULL ENCIRCLEMENT;	BASSI LUIGI AND C SPA	ITALY
		DANIEL MEASUREMENT AND CONTROL FLOW PRO	USA
		SIMAS SPA	ITALY
2.13	SLEEVE; PIPE; TWO HALVES; BOLTED FLANGED	PIPELINE DEVELOPMENT/PLIDCO INT'L	USA
		SWECO FAB INC. PIPING TECHNOLOGIES	USA
2.14	PIPE STUB END; ALLOY STEEL	SUNGKWANG BEND CO LTD	S. KOREA
		LINVIC ENGINEERING LIMITED	UK
		DYNAMIC PRODUCTS, INCORPORATED	USA
		W F I INTERNATIONAL INCORPORATED	USA
		PETROL RACCORD SPA	ITALY
		NAUTIC STEELS LTD	UK
2.15	STUB END, PIPE; CARBON STEEL	SUNGKWANG BEND CO LTD	S. KOREA
		LINVIC ENGINEERING LIMITED	UK
		DYNAMIC PRODUCTS, INCORPORATED	USA
		PETROL RACCORD SPA	ITALY
		WELDBEND	USA
		SUNGKWANG BEND CO LTD	S. KOREA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
2.16	STUB END, PIPE; LOW TEMP STEEL(ASTM A333)	LINVIC ENGINEERING LIMITED	UK
		DYNAMIC PRODUCTS, INCORPORATED	USA
		W F I INTERNATIONAL INCORPORATED	USA
		PETROL RACCORD SPA	ITALY
2.17	SPLIT TEE,CARBON STEEL, EXTRUDED.	RMA KEHL GMBH & CO. KG	GERMANY
		T.D. WILLIAMSON SA	BELGIUM
		WILLIAMSON, T D INCORPORATED	USA
		NIPPON BEND CO. LTD.	JAPAN
		WELDFIT CORPORATION	USA
		SBC BEND CO LTD	S. KOREA
		PIANA SPA	ITALY
		TEEMANS LTD	UK
2.18	PIPE FITTINGS ,CS,CEMENT LINED.	RACCORDI FORGIATI SRL PART OF ALLIED INTERNATIONAL	ITALY
		AMERON SAUDI ARABIA CO.LTD.	K.S.A
		SAUDI ARABIAN FABRICATED METALS	K.S.A
		RAYMOND SAUDI ARABIA CO. LTD.	K.S.A
		GEYAD FOR COMERCE AND IMPORT	K.S.A
		INMA STEEL FABRICATORS COMPANY	K.S.A
		MOAHMMAD AL-MOJIL GROUP STEEL	K.S.A
		NIPPON BEND CO. LTD.	JAPAN
2.19	PIPE; EXPANSION JOINT; ANY METAL	AL-QAHTANI PIPE COATING TERMINAL	K.S.A
		CEMENT LINING COMPANY INCORPORATED.	USA
		FLEXIDER SRL	ITALY
		SUNGJIN GEOTEC COMPANY LIMITED	S. KOREA
		SWECO FAB INC. PIPING TECHNOLOGIES	USA
2.20	PIPE FITTING,WELD OVERLAYED	EAGLEBURGMANN SAUDI ARABIA CO. LTD.	KSA
		HYSBAN PRECISION PRODUCTS, INC.	USA
		MC DERMOTT	UAE
		IODS	UK
		PT CLADTEK INTERNATIONAL	INDONESIA
		AASIA STEEL FACTORY CO. LTD.	KSA
		NEWTESOL NUEVAS TECNOLOGIAS DE SOLDADURA	SPAIN
		MC DERMOTT	UAE
		IODS	UK
		PT CLADTEK INTERNATIONAL	INDONESIA
2.21	COPPER NICKEL PIPE FITTINGS, ALL TYPES	AASIA STEEL FACTORY CO. LTD.	KSA
		NEWTESOL NUEVAS TECNOLOGIAS DE SOLDADURA	SPAIN
		BSL PIPES AND FITTINGS SAS	FRANCE
2.22	MISCELLANEOUS AND NON-STANDARD METALLIC FITTINGS.	NAUTIC STEELS LTD	UK
		LE BRONZE INDUSTRIEL SAS	FRANCE
2.23	PIPE&FITTINGS;NON-METAL;RTR, OIL&WATER	LOKRING (CS AND SS ONLY, THROUGH NPS 2)	OH
		MILLS IRON WORKS (BUTTWELD REDUCERS)	CA
3.0 Flange			
		FUTURE PIPE INDUSTRIES	KSA
		FIBER GLASS SYSTEMS	USA
		ARABIAN METALS CO.	K.S.A
		ULMA FORJA S. COOP	SPAIN
		FORGEROSSO SPA	ITALY
		OFFICINE NICOLA GALPERTI & FIGLIO S	ITALY
		LINVIC ENGINEERING LTD.	UNITED KINGDOM
		OFFICINE A. METAESI AND CO.	ITALY
		METALFAR PRODTTI INDUSTRIALI	ITALY
		RINGMILL SPA	ITALY
RINGROLLERS	S. AFRICA		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
3.1	CARBON STEEL	WELDFIT CORPORATION	USA
		KOREA FLANGE CO. LTD.	S. KOREA
		PRECISION FORGINGS	K.S.A
		PROMAT BD LTD.	UNITED KINGDOM
		BRUCK GMBH ENSHEIN	GERMANY
		OFFCINE NICOLA GALPERTI & FIGLIO S	ITALY
		WILHELM GELDBACH INDUSTRIE GMBH	GERMANY
		WILSONS PLC	UNITED KINGDOM
		NATIONAL FLANGED AND FITTING COMPANY	USA
		BRUCK PIPECONNECTIONS BV	NETHERLANDS
		BD PROFILES LTD.	UNITED KINGDOM
		VIRAJ FORGINGS LTD.	INDIA
		CHAUDHRY HAMMER WORKS PVT. LTD.	INDIA
		MOIZIEUX GAUCHON INDUSTRIES (MGI)	FRANCE
		PIPELIFE NETHERLANDS B.V.	NETHERLANDS
		GALPERTI INCORPORATED	USA
		AMERIFORGE, COFFER, VIRAJ	USA
		BEBITZ	GERMANY
		BOLTEX	USA
		FEDERAL	USA
		FRIEDRICH GELDBACH	GERMANY
		GALPERTI	ITALY
		GROUP GENOYER (CARLYLE)	USA
		WILHELM GELDBACH (WGI)	GERMANY, ROMANIA
		DL FLANGE	USA
		KERKAU	MI
		KOFCO	KOREA
		METALFAR	ITALY
		TRI-LAD	CANADA
		WELDBEND	IL
		GROUP GENOYER (CARLYLE)	USA
		DL FLANGE	USA
		NICOLA GALPERTI	ITALY
		PRO-FLANGE	CANADA
		ALLIED GROUP, TRI-LAD	Houston, TX, USA
		OFFICINE SANTAFEDE SRL	ITALY
		OIL STATES INDUSTRIES	USA
		WEIR ARABIAN METALS COMPANY	K.S.A
		SBS SPECIAL BRIDES SERVICES	FRANCE
		MEGA SPA	ITALY
		BIBITZ	Saravali, Boisar, INDIA
		BUFFALO FLANGE	GERMANY
		FUTAWA FLANGE WORKS	Kishiwada, JAPAN
		LORKING	Willoughby, OH
		MASUNAGA KIKO	Sakai, JAPAN
		MELESI	Cortenova, ITALY
		SHIMODA IRON WORKS	Aioe, JAPAN
WELDING UNITS	UK		
WESTERN OF TEXAS FORGE & FLANGE	Lumberton, TX		
WFI (BONNEY FORGE)	Houston, TX, USA		
ARABIAN METALS CO.	K.S.A		
OFFICINE A. METAESI AND CO.	ITALY		
RINGROLLERS	S. Africa		
NATIONAL FLANGED AND FITTING COMPANY	USA		
LINVIC ENGINEERING LTD.	UNITED KINGDOM		
METALFAR PRODTTI INDUSTRIALI	ITALY		

SAUDI ARAMCO MOBIL REFINERY COMPANY LTD.

Approved Manufacturer's List

No.	Materials	Manufacturer/Company Name.	Country/State Name		
3.2	LOW CHROME- (UP TO 13% Cr)	OFFCINE NICOLA GALPERTI & FIGLIO S	ITALY		
		MOIZIEUX GAUCHON INDUSTRIES (MGI)	FRANCE		
		GALPERTI INCORPORATED	USA		
		VIRAJ FORGINGS LTD.	India		
		KOREA FLANGE CO. LTD.	S. KOREA		
		PRECISION FORGINGS	K.S.A		
		BRUCK GMBH ENSHEIN	GERMANY		
		ULMA FORJA S. COOP	SPAIN		
		FORGEROSSO SPA	ITALY		
		WILSONS PLC	UNITED KINGDOM		
		BD PROFILES LTD.	UNITED KINGDOM		
		RINGMILL SPA	ITALY		
		CHAUDHRY HAMMER WORKS PVT. LTD.	India		
		AMERIFORGE, TEXAS METAL WORKS, VIRAJ	USA		
		BEBITZ	GERMANY		
		GALPERTI	ITALY		
		GROUP GENOYER (CARLYLE)	USA		
		WILHELM GELDBACH (WGI)	GERMANY		
		WILHELM GELDBACH (WGI)	ROMANIA		
		KOFCO	KOREA		
		MAASS	USA		
		METALFAR	ITALY		
		NATIONAL FLANGE	USA		
		WESTBROOK (WMI)	USA		
		WESTERN FORGE & FLANGE	USA		
		WESTERN OF TEXAS FORGE & FLANGE	USA		
		GROUP GENOYER (CARLYLE)	USA		
		DL FLANGE	USA		
		NICOLA GALPERTI	ITALY		
		PRO-FLANGE	CANADA		
		TRI-LAD	CANADA		
		SBS SPECIAL BRIDES SERVICES	FRANCE		
		OFFICINE SANTAFEDE SRL	ITALY		
		WEIR ARABIAN METALS COMPANY	K.S.A		
		BEBITZ	Saravali, Boisar, INDIA		
		FEDERAL	Houston, TX, USA		
		MELESI	Cortenova, ITALY		
		WFI (BONNEY FORGE)	Houston, TX, USA		
				AMERIFORGE, TEXAS METAL WORKS & VIRAJ	USA
				BEBITZ	GERMANY
JMD- VIRAJ	INDIA				
FEDERAL	USA				
GALPERTI	ITALY				
GALPERTI, GERLIN	USA				
TUBE-LINE & GROUP GENOYER (CARLYLE)	IL				
WILHELM GELDBACH (WGI)	GERMANY				
WILHELM GELDBACH (WGI)	ROMANIA				
KERKAU	MI				
KOFCO	KOREA				
MAASS	USA				
METALFAR	ITALY				
NATIONAL FLANGE	USA				
ULMA- FORJA	SPAIN				
WESTERN FORGE & FLANGE	Cleveland, USA				
WESTERN OF TEXAS FORGE & FLANGE	Lumberton, USA				
GROUP GENOYER (CARLYLE)	USA				

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No.	Materials	Manufacturer/Company Name.	Country/State Name
3.7	FLANGE, ANY STEEL	SBS SPECIAL BRIDES SERVICE	FRANCE
		KOREA FLANGE CO LTD NO. 2 FACTORY	S. KOREA
		W F I INTERNATIONAL INCORPORATED	USA
		GALPERTI INCORPORATED	USA
		OFFICINE SANTAFEDE SRL	ITALY
		DYNAMIC PRODUCTS, INCORPORATED	USA
		GALPERTI SRL	ITALY
		NAUTIC STEELS LTD	UK
		LE BRONZE INDUSTRIEL SAS	FRANCE
		PRECISION FORGINGS FOR FLANGES AND ACCESSORIES	K.S.A
3.8	LONG WELD NECK; CARBON STEEL	AMERIFORGE	USA
		COFFER	USA
		TEXAS METAL WORKS	USA
		FORGED VESSEL CONNECTIONS	USA
		FEDERAL	USA
		METALFAR	ITALY
		NATIONAL FLANGE	USA
		ULMA- FORJA	SPAIN
		GROUP GENOYER (CARLYLE)	USA
		DL FLANGE	USA
		NICOLA GALPERTI	ITALY
		PRO-FLANGE	CANADA
		TRI-LAD	CANADA
		OFFICINE NICOLA GALPERTI SPA	Colico, ITALY
		MIE TECHNO	Kuwana, JAPAN
TRI-LAD	Houston, TX, USA		
WFI (BONNEY FORGE)	Houston, TX, USA		
3.9	SLIP-ON AND LAP JOINT FLANGES; SPECIAL; GREATER THAN NPS24	GROUP GENOYER (CARLYLE)	USA
		DL FLANGE	USA
		NICOLA GALPERTI	ITALY
		PRO-FLANGE	CANADA
		TRI-LAD	CANADA
3.10	BLIND FLANGE WHLD; 10M-15M	CAMERON (SINGAPORE) PTE LTD	SINGAPORE
		VETCO GRAY PTE LTD	SINGAPORE
		WEIR ARABIAN METALS COMPANY	KSA
		GE OIL AND GAS PRESSURE CONTROL LTD	UK
		FMC TECHNOLOGIES SINGAPORE PTE LTD FOR SUBSEA PRODUCTS	SINGAPORE
		CAMERON AL RUSHAID CO. LTD.	KSA
		FMC WELLHEAD EQUIPMENT SDN BHD PASIR GUDANG PLANT	MALAYSIA
		GE OIL AND GAS PRESSURE CONTROL (SUZHOU) CO LTD	CHINA
		FMC WELLHEAD EQUIPMENT SDN BHD	MALAYSIA
		CAMERON ROMANIA SRL PLOIESTI TERRITORIAL OFFICE	ROMANIA
		FMC TECHNOLOGIES SINGAPORE PTE LTD FOR SURFACE PRODUCTS	SINGAPORE
	PIPE SLEEVE, TWO HALVES, BOLTED	PIPELINE DEVELOPMENT COMPANY	USA
		SAUDI ARABIAN FABRICATED METALS	K.S.A
		ARABIAN METALS CO.	K.S.A
		MARITIME INDUSTRIAL SERVICES ARABIA	K.S.A
		BILFAL HEAVY INDUSTRIES COMPANY	K.S.A
		INMA STEEL FABRICATORS COMPANY	K.S.A
		NATIONAL PIPE COMPANY LIMITED	K.S.A
		BASSI LUIGI & C SPA	ITALY
		GENIUS VOS B.V.	Netherlands



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No.	Materials	Manufacturer/Company Name.	Country/State Name
3.11	FLANGE, PIPE REPAIR & FLANGE CLAMP ASSY. , CS	SPIE ENERTRANS	FRANCE
		SWECO FAB INCORPORATED	USA
		SIMAS SPA	ITALY
		TDW PIGGING PRODUCTS	USA
		GALPERTI ENGINEERING AND FLOW CONTROL SRL	ITALY
		GRAYLOC PRODUCTS	USA
		GRAYLOC PRODUCTS LTD	UK
		OFFICINE SANTAFEDE SRL	ITALY
		OCEANEERING INTERNATIONAL	USA
		LTS LLC	USA
3.12	SPACER; FLANGE; PIPE SPACER-ANY METAL	BRUCK GMBH ENSHEIN	GERMANY
		BD PROFILES LTD.	UNITED KINGDOM
		ULMA FORJA S. COOP	SPAIN
		FORGEROSSO SPA	ITALY
		OFFICINE NICOLA GALPERTI & FIGLIO S	ITALY
		LINVIC ENGINEERING LTD.	UNITED KINGDOM
		OFFICINE A. METAESI AND CO.	ITALY
		METALFAR PRODTTI INDUSTRIALI	ITALY
		MOIZIEUX GAUCHON INDUSTRIES (MGI)	FRANCE
		NATIONAL FLANGE AND FITTING COMPANY	USA
		WELDFIT CORPORATION	USA
		RINGMILL SPA	ITALY
		JOHNSON FILTRATION SYSTEMS SA	FRANCE
		INMA STEEL FABRICATORS COMPANY LIMITED	K.S.A
		SAUDI ARABIAN FABRICATED METALS INDUSTRY LIMITED	KSA
		LA MECCANICA PADANA SRL	ITALY
KOREA FLANGE CO LTD NO. 2 FACTORY	S. KOREA		
OFFICINE SANTAFEDE SRL	ITALY		
3.13	FLANGE; INSULATING FOR CATHODIC PROTECTION	RMA KEHL GMBH & CO. KG	GERMANY
		TDW PIGGING PRODUCTS	USA
		KOREA FLANGE CO. LTD.	S. KOREA
3.14	MISCELLANEOUS AND NON-STANDARD FLANGES-ALL MATERIAL	CUSTOM ALLOY	NJ
		DYNAMIC PRODUCTS INC. (DPI)	USA
		LOKRING (CS AND SS ONLY)	OH
		WFI (BONNEY FORGE)	USA
3.15	FLANGE; PIPE: CONNECTOR, MECHANICAL END MOSTLY USED IN SUBSEA	OIL STATES INDUSTRIES	USA
		OCEANEERING INTERNATIONAL	USA
4.0 Gaskets			
		AR THOMSON	CANADA
		ECONOSTO, GARLOCK SEALING TECHNOLOGIES (ENPRO)	SINGAPORE
		FLEX SEAL	USA
		EDGE	USA
		JAMES WALKER, LEADER GLOBAL TECHNOLOGIES (FORMERLY J.M. CLIPPER)	AUSTRALIA
		LEADER	LA
		LEADER	USA
		LAMONS (TRIMAS CORP.) LAMONS	USA
		LAMONS	CHINA
		LAMONS (NOVUS SEALING)	UK
		NICHIAS CORP.	UK
		NICHIAS	JAPAN
		NICHIAS FGS SDN BGD (JV)	MALAYSIA
		TEADIT, THE FLEXITALLIC GROUP	BRAZIL
		FLEXITALLIC	USA



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No.	Materials	Manufacturer/Company Name.	Country/State Name
4.1	SPIRAL WOUND FLEXIBLE GRAPHITE FILLED, ASME B16.20, GRAPJITE MINIMUM CARBON CONTENT OF 95%	FLEXITALLIC	UK
		FLEXITALLIC (CARTEC SEALING)	S. KOREA
		FLEXITALLIC (EQUITER JV)	MEXICO
		FLEXITALLIC (LIAONING CARTEC SEALING TECHNOLOGIES)	CHINA
		VALQUA INDUSTRIALS	JAPAN
		AMIANITIT RUBBER INDUSTRIES LIMITED.	K.S.A
		GULF GASKET FACTORY	K.S.A
		GASKET FACTORY BRANCH OF AL-IMAN	K.S.A
		SAUDI GASKET FACTORY	K.S.A
		FLEXITALLIC LTD.	UNITED KINGDOM
		SEALING DEVICES INCORPORATED.	USA
		STERLING RUBBER AND GASKET	USA
		JAMES WALKER & CO. LTD.	UNITED KINGDOM
		FLEXITALLIC LP	USA
		DELMON INDUSTRIAL AND MECHANICAL.	K.S.A
		CLIPPER, J M CORPORATION.	USA
		LAMONS METAL GASKET COMPANY	USA
		CHESTERTON INTERNATIONAL INCORPORAT	USA
		CANFLEX	Edmonton, ALBERTA, CANADA
		CANFLEX (Leader Global Technologies)	Houston, TX, USA
		CANFLEX (Leader Global Technologies)	Bytca, SLOVAKIA
		CANFLEX (Cixi Hengli Sealing Co)	Hangzhou, CHINA
		KLINGER	Bradford, UK
		KLINGER (KlingerBV)	Rotterdam, NETHERLANDS
LEADER	Bytca, SLOVAKIA		
LAMONS	Rotterdam, NETHERLANDS		
TEADIT	Houston, TX, USA		
4.2	CORRUGATED METAL FLEXIBLE GRAPHITE COVERED (CMGC) GRAPHITE MINIMUM CARBON CONTENT OF 95%	GARLOCK SEALING TECHNOLOGIES (ENPRO)	USA
		GRAPHONIC	USA
		LEADER GLOBAL TECHNOLOGIES (FORMERLY J.M. CLIPPER)	USA
		ELASTAGRAPH	USA
		LAMONS (TRIMAS CORP.)	USA
		TYPE CMG	USA
		NICHIAS CORP.	JAPAN
		VALQUA INDUSTRIALS	JAPAN
		AL-IMAN	KSA
		DELMON	KSA
		KLINGER	Bradford, UK
4.3	COMBINATION FLEXIBLE GRAPHITE W/PTEE-FOR TEMP. UPTO 450°F, FOR SERVICE NOT COMPATIBLE W/ GRAPHITE AND SPECIAL APPLICATIONS, GRAPHITE MINIMUM CARBON CONTENT 95%	GARLOCK SEALING TECHNOLOGIES (ENPRO)	USA
		GET (CMGC)	USA
		LAMONS (TRIMAS CORP.)	USA
		WRI LP (SW TYPE WITH PTFE COATING)	USA
		AL-IMAN	KSA
		DELMON	KSA
		VALQUA INDUSTRIALS	JAPAN
4.4	RING JOINT	AR THOMSON	CANADA
		DAN-LOC BOLT & GASKET	USA
		FLEXITALLIC	UK
		K&W	USA
		NICHIAS CORP.	JAPAN
		LAMONS METAL GASKET COMPANY	USA
		AMIANITIT RUBBER INDUSTRIES LIMITED.	K.S.A
		SMITH INTERNATIONAL GULF SERVICES	Arab Emirates
		GASKET FACTORY BRANCH OF AL-IMAN	K.S.A

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		SCOT	CA
		WOLAR	USA
		DELMON	KSA
		KLINGER	Bradford, UK
		LONE STAR SEALIN TECHNOLOGIES	Houston, TX, USA
4.5	GASKET; METAL JACKETED; HEAT EXCHANGER	CHESTERTON INTERNATIONAL INCORPORAT	USA
		LAMONS METAL GASKET COMPANY	USA
		SEALING DEVICES INCORPORATED.	USA
		STERLING RUBBER AND GASKET	USA
		GULF GASKET FACTORY	K.S.A
		FLEXITALLIC LTD.	UNITED KINGDOM
		JAMES WALKER & CO. LTD.	UNITED KINGDOM
		GASKET FACTORY BRANCH OF AL-IMAN	K.S.A
		SAUDI GASKET FACTORY	K.S.A
		DELMON	KSA
FLEXITALLIC LP.	USA		
4.6	GASKET; SPIRAL WOUND; HEAT EXCHANGER	FLEXITALLIC LTD.	UNITED KINGDOM
		JAMES WALKER & CO. LTD.	UNITED KINGDOM
		GASKET FACTORY BRANCH OF AL-IMAN	K.S.A
		KLINGER LTD.	UNITED KINGDOM
		DELMON INDUSTRIAL AND MECHANICAL.	K.S.A
		CHESTERTON INTERNATIONAL INCORPORAT	USA
		LAMONS METAL GASKET COMPANY	USA
		SEALING DEVICES INCORPORATED.	USA
		STERLING RUBBER AND GASKET	USA
		GULF GASKET FACTORY	K.S.A
4.7	GASKET; METAL GROOVED; HEAT EXCHANGER	CHESTERTON INTERNATIONAL INCORPORAT	USA
		LAMONS METAL GASKET COMPANY	USA
		STERLING RUBBER AND GASKET	USA
		GULF GASKET FACTORY	K.S.A
		FLEXITALLIC LTD.	UNITED KINGDOM
		KLINGER LTD.	UNITED KINGDOM
		FLEXITALLIC LP.	USA
		JAMES WALKER & CO. LTD.	UNITED KINGDOM
		GASKET FACTORY BRANCH OF AL-IMAN	K.S.A
		A.W. CHESTERTON COMPANY	USA
		DELMON	KSA
		EAGLEBURGMANN SAUDI ARABIA CO. LTD.	KSA
SAUDI BISAN GASKET FACTORY	KSA		
4.8	GASKET; SPECIALTY HEAT EXCHANGER	CHESTERTON INTERNATIONAL INCORPORAT	USA
		LAMONS METAL GASKET COMPANY	USA
		GULF GASKET FACTORY	K.S.A
		FLEXITALLIC LTD.	UNITED KINGDOM
		JAMES WALKER & CO. LTD.	UNITED KINGDOM
		GASKET FACTORY BRANCH OF AL-IMAN	K.S.A
		DELMON	KSA
		FLEXITALLIC LP.	USA
		A.W. CHESTERTON COMPANY	USA
4.9	GASKET; RING; NON-METALLIC; ASME B16.21	AMIANITIT RUBBER INDUSTRIES LIMITED	KSA
		GULF GASKET FACTORY	KSA
		GASKET FACTORY BRANCH OF AL-IMAN FACTORIES CO.	KSA
		FLEXITALLIC LTD.	UK
		A.W. CHESTERTON COMPANY	USA
		SEALING DEVICES, INC	USA
		LAMONS METAL GASKET COMPANY	USA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		DELMON INDUSTRIAL AND MECHANICAL INSULATION	KSA
		FLEXITALLIC LP	USA
		VICTAULIC / PRESSFIT AND RUBBER MANUFACTURING	USA
4.10	GASKET: PRECUT, SYNTHETIC FIBER BASED,	GULF GASKET FACTORY	KSA
		GASKET FACTORY BRANCH OF AL-IMAN FACTORIES CO.	KSA
		FLEXITALLIC LTD.	UK
		A.W. CHESTERTON COMPANY	USA
		SEALING DEVICES, INC	USA
		LAMONS METAL GASKET COMPANY	USA
		VICTAULIC / PRESSFIT AND RUBBER MANUFACTURING	USA
		DELMON INDUSTRIAL AND MECHANICAL INSULATION FACTORY COMPANY	KSA
		GARLOCK MECHANICAL PACKING B.F. GOODRICH	USA
		FLEXITALLIC LP	USA
		EAGLEBURGMANN SAUDI ARABIA CO. LTD.	KSA
		SAUDI BISAN GASKET FACTORY	KSA
		REINZ DICHTUNGS GMBH	GERMANY
4.11	GASKET: PRECUT, GRAPHITE BASED,	GULF GASKET FACTORY	KSA
		GASKET FACTORY BRANCH OF AL-IMAN FACTORIES	KSA
		FLEXITALLIC LTD.	UK
		A.W. CHESTERTON COMPANY	USA
		SEALING DEVICES, INC	USA
		LAMONS METAL GASKET COMPANY	USA
		DELMON INDUSTRIAL AND MECHANICAL INSULATION	KSA
		GARLOCK MECHANICAL PACKING B.F. GOODRICH	USA
		FLEXITALLIC LP	USA
		EAGLEBURGMANN SAUDI ARABIA CO. LTD.	KSA
		SAUDI BISAN GASKET FACTORY	KSA
		REINZ DICHTUNGS GMBH	GERMANY
		4.12	GASKET: PRECUT, ELASTOMER BASED,
GULF GASKET FACTORY	KSA		
GASKET FACTORY BRANCH OF AL-IMAN FACTORIES CO.	KSA		
FLEXITALLIC LTD.	UK		
A.W. CHESTERTON COMPANY	USA		
SEALING DEVICES, INC	USA		
LAMONS METAL GASKET COMPANY	USA		
VICTAULIC / PRESSFIT AND RUBBER MANUFACTURING	USA		
DELMON INDUSTRIAL AND MECHANICAL INSULATION	KSA		
GARLOCK MECHANICAL PACKING B.F. GOODRICH	KSA		
FLEXITALLIC LP	USA		
BAHRAIN RUBBER COMPANY W.L.L.	BAHRAIN		
4.13	NON-ASBESTOS COMPRESSED SHEET	DURABLE FLUID TECHNOLOGIES (Durlon Style 8500)	Belleville, CANADA
		FLEXITALLIC LP (Thermiculite)	Deer Park, TX
		GARLOCK SEALING TECHNOLOGIES (ENPRO)	Palmyra, NY
		KLINGER	Sidney, OH
		KLINGER	Bradford, UK
		TEADIT	Houston, TX, USA
		AL-IMAN	KSA
		DELMON	KSA
		NICHIAS CORP.	Tokyo, JAPAN
		VALQUA INDUSTRIALS	Osaka, JAPAN



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No.	Materials	Manufacturer/Company Name.	Country/State Name
5.0 Valves- Gate / Globe / Check/Choke			
5.1	API 602, ASME B16.34; FORGED FLANGED; THREADED AND SOCKET WELD UP TO 2"	BONNEY FORGE USA	PA
		BONNEY FORGE EUROPE, RP&C	ITALY
		DALIAN DV VALVE	ITALY
		NEWCO (NEWMANS LINE 45, CARBON STEEL ONLY, DATE STAMPED 4/07 OR LATER)	CHINA
		FLOWSERVE	CHINA
		EDWARD	NC
		VOGT	USA
		VOGT (AUDCO INDIA, (CLASS 800 CARBOON STEEL ONLY)	INDIA
		IL SHIN	S. KOREA
		LVF SPA	S. KOREA
		LVF	ITALY
		NEWCO (NEWMANS LINE 41)	ITALY
		DSI (GLOBAL FLOW TECHNOLOGIES)	ITALY
		NEWDELL	ITALY
		SMITH	USA
		OMB	ITALY
		OMB (ASSEMBLY AND TESTING ONLY)	SINGAPORE
		SACCAP/SAPAG	FRANCE
		SWI VALVE CO.LTD.	S. KOREA
		TBH GROUP	S. KOREA
		WALWORTH	MEXICO
		VELAN	CANADA
		VELAN	VT, USA
		SHORITSU SEISAKUSHO CO LTD CHIBA FACTORY	JAPAN
		S AND S VALVE CO LTD	S. KOREA
		ALCO VALVES GROUP LTD	UK
		INDUSTRIAL VALVES MANUFACTURER	KSA
		OLIVER VALVES LTD	UK
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		FLOWSERVE - RALEIGH	USA
		FLOWSERVE US INC.	USA
		SWAGELOK HIGHLAND	USA
		CAMERON VALVES AND MEASUREMENT	USA
		PARKER-HANNIFIN	USA
		AUTOCLAVE ENGINEERS INCORPORATED	USA
		HOKE INC	USA
		SABRE INSTRUMENT VALVES LTD	UK
		RITAG RITTERHUDER ARMATUREN GMBH AN CO ARMATURENWERK KG	GERMANY
		MERWEDE VALVES BV	NETHERLANDS
		DOUGLAS CHERO	ITALY
		COOPER VALVE	S. KOREA
		INDUSTRIAL DE VALVULAS, S.A de C.V, WALWORTH	MEXICO
		BERIC	PingYan, Quing Tian, CHINA
		WILLIAMS	PingYan, Quing Tian, CHINA
		PETROLVALVES SRL	ITALY
ORION SPA	ITALY		
VALVOSIDER SRL	ITALY		
SUFA TECHNOLOGY INDUSTRY CO LTD CNN	CHINA		
KITZ	JAPAN		
KITZ (STAMPED "X" ON THE BODY/BONNET FLANGE AND NAMEPLATE.	CHINA		
KITZ (KOEN) (STAMPED "V" ON THE BODY/BONNET AND FLANGE.	CHINA		

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No.	Materials	Manufacturer/Company Name.	Country/State Name
5.2	API-600, CAST CARBON STEEL CLASS 150 AND CLASS 300	KITZ (GORIKI) (STAMPED "L" ON THE BODY/BONNET AND FLANGE.	CHINA
		LARSEN & TOUBRO LTD.	CHINA
		LARSEN & TOUBRO LTD. (Formerly AIL)	INDIA
		NEWAY	CHINA
		NEWCO	CHINA
		PAN KOREA	S. KOREA
		POYAM	SPAIN
		TBH GROUP	SPAIN
		TONG YUNG (TY)	KOREA
		VELAN .	CANADA
		VELAN	VT
		VELAN	KOREA
		VELAN	PORTUGAL
		GLOBAL FLOW TECHNOLOGIES	CZECH Rep.
		DSI (MSA)	CHINA
		DSI (JEV)	CHINA
		INDUSTRIAL DE VALVULAS, S.A de C.V, WALWORTH	MEXICO
VALVOSIDER	ITALY		
JIANGSU YDF VALVE CO. LTD.	YanchengCity, CHINA		
5.3	API 600, CAST CARBON STEEL CLASS 600 AND ABOVE	CRANE, PACIFIC & FLOWSERVE	CA
		EDWARD	NC
		KINKA KIKAI	JAPAN
		KITZ	JAPAN
		KITZ (UP THROUGH NPS 8)	CHINA
		LARSEN & TOUBRO LTD.	CHINA
		L & T (Formerly AIL)	INDIA
		MSA	INDIA
		DSI (GLOBAL FLOW TECHNOLOGIES)	CZECH REP.
		PAN KOREA	S. KOREA
		POYAM	SPAIN
		RAIMONDI (TYCO)	ITALY
		TBH GROUP	ITALY
		TONG YUNG (TY)	KOREA
		M AND J VALVE	USA
		STREAM FLO INDUSTRIES LTD	Canada
		K F CONTROMATICS	USA
		VELAN	CANADA
		VELAN	VT
		VELAN	PORTUGAL
		VELAN (CLASS 600 THROUGH NPS 12)	KOREA
		DSI(JEV)	JiangYin CHINA
		NEWAY	Suzhou, CHINA
NEWMANS	CAMERON		
NEWCO	YanChengCity, CHINA		
VALVOSIDER	Borgosesia, ITALY		
5.4	API 600, CAST LOW CHROME (UP TO 13 % Cr) CLASS 150 AND CLASS 300	KITZ	JAPAN
		LARSEN & TOUBRO LTD.	JAPAN
		L & T (Formerly AIL)	INDIA
		MSA	INDIA
		DSI (GLOBAL FLOW TECHNOLOGIES)	CZECH REP.
		PAN KOREA	S. KOREA
		POYAM	SPAIN
		TBH GROUP	SPAIN
		TONG YUNG (TY)	KOREA
		VELAN	CANADA

SAUDI ARAMCO MOBIL REFINERY COMPANY LTD.

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		VELAN	VT
		VELAN	KOREA
		VELAN	PORTUGAL
5.5	API 600, CAST LOW CHROME (UP TO 13% Cr) CLASS 600 AND ABOVE	CRANE, PACIFIC	CA
		FLowsERVE	NC
		EDWARD, KITZ	JAPAN
		LARSEN & TOUBRO LTD., AIL, MSA,	INDIA
		MSA, DSI (GLOBAL FLOW TECHNOLOGIES)	DOLNI BENESOV, CZECH REP.
		PAN KOREA	S. KOREA
		POYAM	SPAIN
		RAIMONDI (TYCO)	ITALY
		TONG YUNG (TY)	KOREA
		VELAN	CANADA, VT & PORTUGAL
5.6	API 600, API603 AND / OR ASME B16.34- STAINLESS STEEL CLASS 150 AND CLASS300	CRANE, PACIFIC	CA
		FAVRA	ARGENTINA
		KITZ	JAPAN
		LARSEN & TOUBRO LTD., AIL	INDIA
		PAN KOREA, LADISH	S. KOREA
		POYAM	SPAIN
		TONG YUNG (TY)	KOREA
		VELAN	CANADA, VT, KOREA & PORTUGAL
		VALVOSIDER	Borgosesia, ITALY
5.7	API 600 AND / OR ASME B16.34, STAINLESS STEEL CLASS 600 AND ABOVE	CRANE, PACIFIC, FLOWSERVE	CA
		EDWARD	NC
		KINKA KIKAI	JAPAN
		KITZ	JAPAN
		PAN KOREA, LADISH	S. KOREA
		POYAM	SPAIN
		RAIMONDI (TYCO)	ITALY
		TONG YUNG (TY)	KOREA
		VELAN	CANADA, VT & PORTUGAL
		VALVOSIDER	Borgosesia, ITALY
5.8	API 600, API603 AND/ OR ASME B16.34, ALLOY 20 AND OTHER NICKEL ALLOYS INCLUDING GATE, GLOBE AND CHECK VALVES	COOPER VALVE (NEWMANS) FLOWSERVE	USA
		EDWARD	NC
		KITZ	JAPAN
		POYAM	SPAIN
		TONG YUNG (TY)	KOREA
		XANIK	MEXICO
		PAN KOREA, LADISH (Alloy 20 Only)	S. KOREA
		VALVOSIDER	Borgosesia, ITALY
5.9	GATE VALVE; THREADED UP TO 4 INCH	BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		LVF SPA	ITALY
		MERWEDE VALVES BV	NETHERLANDS
		OMB VALVES SPA	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		SHORITSU SEISAKUSHO CO LTD CHIBA FACTORY	JAPAN
		FLowsERVE US INC.	USA
		VELAN INCORPORATED	CANADA
		BONNEY FORGE CORPORATION	USA
		S AND S VALVE CO LTD	S. KOREA
		INDUSTRIAL VALVES MANUFACTURER	KSA
		SWI VALVE CO LTD	KSA
		PETROL VALVES SRL	ITALY
		LARSEN AND TOUBRO VALVES LIMITED	INDIA



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No.	Materials	Manufacturer/Company Name.	Country/State Name
5.10	GATE VALVE; WEDGE; 1 THRU 24 INCH; ANSI	MERWEDE VALVES BV	NETHERLANDS
		ORION SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		VALVOSIDER SRL	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		KITZ CORPORATION INA PLANT	JAPAN
		NAKAMURA VALVE MFG CO LTD	JAPAN
		VELAN INCORPORATED	CANADA
		VELAN VALVE CORPORATION	USA
		VELAN INCORPORATED	CANADA
		MSA AS	CZECH REP.
		PK VALVE CO LTD	S. KOREA
		TY VALVE CORPORATION	S. KOREA
		NEWAY VALVE (SUZHOU) CO LTD TAISHAN PLANT	CHINA
		AUDCO INDIA LIMITED	INDIA
		ABAHSAIN NEWAY INDUSTRIAL CO. LTD.	KSA
MTS VALVES AND TECHNOLOGY	SPAIN		
KITZ CORPORATION CHINA PLANT	CHINA		
SUFA TECHNOLOGY INDUSTRY CO LTD CNN	CHINA		
5.11	GATE VALVE; WEDGE; 26 INCH AND UP; FLANGE	PETROLVALVES SRL	ITALY
		LARSEN AND TOUBRO VALVES LIMITED	INDIA
		ORION SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		VALVOSIDER SRL	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		KITZ CORPORATION INA PLANT	JAPAN
		VELAN INCORPORATED	CANADA
		MSA AS	CZECH REP.
5.12	GATE VALVE; WEDGE; FLANGED OR BUTTWELD;	PETROLVALVES SRL	ITALY
		LVF SPA	ITALY
		ORION SPA	ITALY
		VALVOSIDER SRL	ITALY
		VELAN INCORPORATED	CANADA
		SUFA TECHNOLOGY INDUSTRY CO LTD CNN	CHINA
5.13	GATE VALVE; WEDGE OR DBL DISC; UP TO 12 & 14 INCH	SAUDI VALVES MANUFACTURING COMPANY LIMITED	KSA
		KITZ CORPORATION INA PLANT	JAPAN
		NIBCO INC. (BLYTHEVILLE PLANT)	USA
		PIMA VALVE INCORPORATED	USA
		NEWAY VALVE (SUZHOU) CO LTD TAISHAN PLANT	CHINE
		SUFA TECHNOLOGY INDUSTRY CO LTD CNN	CHINE
		SAUDI VALVES MANUFACTURING COMPANY LIMITED	KSA
		NIBCO INC. (BLYTHEVILLE PLANT)	USA
PIMA VALVE INCORPORATED	USA		
5.14	GATE VALVE; PARALLEL SLIDE; 2 INCH AND UP	PETROLVALVES SRL	ITALY
		BEL VALVES	UK
		ORION SPA	ITALY
		SPX FLOW CONTROL M&J VALVE OPERATIONS	USA
		VELAN VALVE CORPORATION	USA
		VELAN INCORPORATED	CANADA
		WEIR VALVES AND CONTROLS UK LTD	UK



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No.	Materials	Manufacturer/Company Name.	Country/State Name
5.15	GATE VALVE; 2-1/16 INCH AND UP; API 6A;	CAMERON (SINGAPORE) PTE LTD	SINGAPORE
		CAMERON FRANCE SA	FRANCE
		PETROLVALVES SRL	ITALY
		BEL VALVES	UK
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		GE OIL AND GAS PRESSURE CONTROL LTD	UK
		FMC TECHNOLOGIES SINGAPORE PTE LTD FOR SUBSEA PRODUCTS	SINGAPORE
		FMC CORPORATION	USA
		GE OIL AND GAS VETCO GRAY, INC.	USA
		STREAM-FLO INDUSTRIAL LIMITED	CANADA
		FMC WELLHEAD EQUIPMENT SDN BHD PASIR GUDANG PLANT	MALAYSIA
		FMC WELLHEAD EQUIPMENT SDN BHD	MALAYSIA
		PETROLVALVES SRL	ITALY
VALVOSIDER SRL	ITALY		
KITZ CORPORATION NAGASAKA PLANT	JAPAN		
KITZ CORPORATION INA PLANT	JAPAN		
5.16	GATE VALVE; API 6A, 10000 PSI	CAMERON (SINGAPORE) PTE LTD	SINGAPORE
		CAMERON FRANCE SA	FRANCE
		VETCO GRAY PTE LTD	SINGAPORE
		BEL VALVES	UK
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		GE OIL AND GAS PRESSURE CONTROL LTD	UK
		FMC CORPORATION	USA
		STREAM-FLO INDUSTRIAL LIMITED	CANADA
		FMC WELLHEAD EQUIPMENT SDN BHD PASIR GUDANG PLANT	MALAYSIA
		FMC WELLHEAD EQUIPMENT SDN BHD	MALAYSIA
5.17	GATE VALVE, GLOBE&CHECK, CRYOGENIC	AMPO S COOP POYAM VALVES	SPAIN
		HEROSE GMBH ARMATUREN UND METALLE	GERMANY
5.18	GATE VALVE, GLOBE&CHECK, PRESSURE SEAL	ORION SPA	ITALY
		AUDCO INDIA LIMITED	INDIA
5.19	CHECK VALVE; 1 INCH AND UP;; ANSI CLASS	PETROLVALVES SRL	ITALY
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		MERWEDE VALVES BV	NETHERLANDS
		ORION SPA	ITALY
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		VALVOSIDER SRL	ITALY
		FLOWSERVE - RALEIGH	USA
		FLOWSERVE US INC.	USA
		VELAN INCORPORATED	CANADA
		VELAN VALVE CORPORATION	USA
		VELAN INCORPORATED	CANADA
		VELAN INCORPORATED	CANADA
ALCO VALVES GROUP LTD	UK		
5.20	CHECK VALVES; SWING; METAL SEAT; NPS 2 THREADED	PETROLVALVES SRL	ITALY
		ORION SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		VALVOSIDER SRL	ITALY
		KITZ CORPORATION	JAPAN
		NAKAMURA VALVE MFG CO LTD	JAPAN
		SPX FLOW CONTROL M&J VALVE OPERATIONS	USA
		STREAM-FLO INDUSTRIAL LIMITED	CANADA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		MSA AS	CZECH REP.
		PK VALVE CO LTD	S. KOREA
		TY VALVE CORPORATION	S. KOREA
		KITZ CORPORATION CHINA PLANT	CHINA
5.21	CHECK VALVE; 2 THRU 24 IN; METAL SEAT	PETROLVALVES SRL	ITALY
		LARSEN AND TOUBRO VALVES LIMITED	INDIA
		BEL VALVES	UK
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		LVF SPA	ITALY
		MERWEDE VALVES BV	NETHERLANDS
		ORION SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		VALVOSIDER SRL	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		KITZ CORPORATION INA PLANT	JAPAN
		NAKAMURA VALVE MFG CO LTD	JAPAN
		VELAN VALVE CORPORATION	USA
		VELAN INCORPORATED	CANADA
		MSA AS	CZECH REP.
		PK VALVE CO LTD	S. KOREA
		TY VALVE CORPORATION	S. KOREA
		NEWAY VALVE (SUZHOU) CO LTD TAISHAN PLANT	CHINA
		AUDCO INDIA LIMITED	INDIA
ABAHSAIN NEWAY INDUSTRIAL CO. LTD.	KSA		
MTS VALVES AND TECHNOLOGY	SPAIN		
KITZ CORPORATION CHINA PLANT	CHINA		
SUFA TECHNOLOGY INDUSTRY CO LTD CNN	CHINA		
5.22	CHECK VALVE; SWING; SOFT SEAT; 2 TO 24 INCH	ORION SPA	ITALY
		SPX FLOW CONTROL M&J VALVE OPERATIONS	USA
		STREAM-FLO INDUSTRIAL LIMITED	CANADA
		NEWAY VALVE (SUZHOU) CO LTD TAISHAN PLANT	CHINA
		ABAHSAIN NEWAY INDUSTRIAL CO. LTD.	KSA
		SUFA TECHNOLOGY INDUSTRY CO LTD CNN	CHINE
		LVF SPA	ITALY
		ORION SPA	ITALY
		VALVOSIDER SRL	ITALY
MTS VALVES AND TECHNOLOGY	SPAIN		
5.23	CHECKVALVE; SWING; FULL OPENING; NPS26 & UP	PETROLVALVES SRL	ITALY
		ORION SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		VALVOSIDER SRL	ITALY
		KITZ CORPORATION	JAPAN
		NAKAMURA VALVE MFG CO LTD	JAPAN
		SPX FLOW CONTROL M&J VALVE OPERATIONS	USA
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		VALVOSIDER SRL	ITALY
		VELAN VALVE CORPORATION	USA
		VELAN INCORPORATED	CANADA
		STREAM-FLO INDUSTRIAL LIMITED	CANADA
5.24	CHECK VALVE; SWING; SINGLE PLATE; WAFFLE	GESTRA AG	GERMANY
		MERWEDE VALVES BV	NETHERLANDS
		RITAG RITTERHUDER ARMATUREN GMBH AN CO ARMATURENWERK KG	GERMANY
		CRANE STOCKHAM VALVE LTD	UK

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No.	Materials	Manufacturer/Company Name.	Country/State Name
	WAFER	GOODWIN INTERNATIONAL LTD	UK
		SHIPAM VALVES	UK
		NIBCO INC. (BLYTHEVILLE PLANT)	USA
		VELAN INC	CANADA
5.25	CHECK VALVE; 2 IN&UP;ANSI 150;DUAL PLATE	CRANE STOCKHAM VALVE LTD	UK
		PETROLVALVES SRL	ITALY
		GESTRA AG	GERMANY
		AMVI SA KSB GROUP	SPAIN
		GOODWIN INTERNATIONAL LTD	UK
		CRANE ENERGY FLOW SOLUTIONS	USA
		RITAG RITTERHUDER ARMATUREN GMBH AN CO ARMATURENWERK KG	GERMANY
		VELAN INC	CANADA
5.26	API 594, WAFER PLATE/WAFER LUG / DOUBLE FLANGEED CHECK-EXCLUDES SWING CHECK	CRAN, DUO-CHECK	USA
		GOODWIN	UK
		HY-GRADE (SINGLE PLATE)	AL
		MUELLER	NC
		PROQUIP (VELAN)	CANADA
		ADVANCE VALVE	Noida, INDIA
5.27	CHECK VALVE; SWING;UP TO 12 IN; CAST IRON OR DUCTILE IRON	SAUDI VALVES MANUFACTURING COMPANY LIMITED	KSA
		NAKAMURA VALVE MFG CO LTD	JAPAN
		NIBCO INC. (BLYTHEVILLE PLANT)	USA
		PIMA VALVE INCORPORATED	USA
5.28	CHECK VALVE, 14 IN &UP,CAST OR DUCTILE	PIMA VALVE INCORPORATED	USA
5.29	TILT DISC CHECK VALVES-ASME B16.34	CRANE, PACIFIC.FLOWSERVE	CA
		EDWARD	NC
		PAN KOREA	S. KOREA
		POYAM	SPAIN
		RAIMONDI (TYCO)	ITALY
		VELAN	CANADA
		PETROLVALVES SRL	ITALY
		ADAMS ARMATUREN GMBH	GERMANY
		ORION SPA	ITALY
		FLOWSERVE - RALEIGH	USA
		SPX FLOW CONTROL M&J VALVE OPERATIONS	USA
		MSA AS	CZECH REP.
		LARSEN & TOUBRO	INDIA
		NEWMANS	CAMERON
		NEWCO	YanChengCity, CHINA
5.30	THROUGH CONDUIT PIPELINE CHECK VALVES, API 6D	CAMERON, TOM WHEATLY	LA
		WKM	OK, CANADA
		KF INDUSTRIES (Circor)	OK
		PBA (Global flow Technologies)	CZECH REP.
		PETROLVALVES SRL	ITALY
		BEL VALVES	UK
		CAMERON ITALY SRL	ITALY
		ORION SPA	ITALY
		SPX FLOW CONTROL M&J VALVE OPERATIONS	USA
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN
		MSA, ISV, PBV	CZECH REP.
		VELAN	ITALY
5.31	IN-LINE CHECK VALVES-MSS SP-126	DURABLA	PA
		CRANE (Noz-Chek)	N. IRELAND
		GOODWIN	UK

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		MOCKVELD	NETHERLANDS
5.32	CHECK VALVE; STEEL; NOZZLE;	CRANE STOCKHAM VALVE LTD	UK
		PETROLVALVES SRL	ITALY
		GOODWIN INTERNATIONAL LTD	UK
		CAMERON ITALY SRL	ITALY
		MOKVELD VALVES BV	NETHERLANDS
		ORION SPA	ITALY
		NOREVA GMBH	GERMANY
5.33	CHECK VALVE;C.S; STOP-CHECK;	ORION SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		FLOWSERVE - RALEIGH	USA
		VELAN INCORPORATED	CANADA
5.34	CHECK VALVE; API 6A 2000 THRU 5000 PSI; SUBSEA	CRANE STOCKHAM VALVE LTD	UK
		PETROLVALVES SRL	ITALY
		GOODWIN INTERNATIONAL LTD	UK
		STREAM-FLO INDUSTRIAL LIMITED	CANADA
		BEL VALVES	UK
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		ORION SPA	ITALY
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
CRANE ENERGY FLOW SOLUTIONS	USA		
5.35	CHECK VALVE; API 6A 10,000; SWING	PETROLVALVES SRL	ITALY
5.36	CHECK VALVE; NPS 2 THRU 12 ;NONFERROUS	CRANE STOCKHAM VALVE LTD	UK
		GESTRA AG	GERMANY
		AMVI SA KSB GROUP	SPAIN
		GOODWIN INTERNATIONAL LTD	UK
		SHIPHAM VALVES	UK
		CRANE ENERGY FLOW SOLUTIONS	USA
		RITAG RITTERHUDEYER ARMATUREN GMBH AN CO ARMATURENWERK KG	GERMANY
		VELAN INC	CANADA
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		PIMA VALVE INCORPORATED	USA
		MARIANI RUBINETTERIE INDUSTRIALI SR	ITALY
		KITZ (THAILAND) LTD	THAILAND
		MILWAUKEE VALVE COMPANY	USA
		5.37	CHECK VALVE; UP TO 12 IN;NONFERROUS,SWING
CLA-VAL COMPANY	USA		
SWAGELOK HIGHLAND	USA		
PIMA VALVE INCORPORATED	USA		
CIRCLE SEAL CONTROLS/CIRCOR CIRCOR INTERNATIONAL INC.	USA		
MARIANI RUBINETTERIE INDUSTRIALI SR	ITALY		
CONBRACO INDUSTRIES, INC.	USA		
KITZ (THAILAND) LTD	THAILAND		
5.38	CHECK VALVE; NPS 14 AND ABOVE; NON- FERROUS	GOODWIN INTERNATIONAL LTD	UK
		SHIPHAM VALVES	UK
		CRANE ENERGY FLOW SOLUTIONS	USA
		VELAN INC	CANADA
		PETROLVALVES SRL	ITALY
		LARSEN AND TOUBRO VALVES LIMITED	INDIA
		LARSEN AND TOUBRO VALVES LIMITED	INDIA
		SAUDI VALVES MANUFACTURING COMPANY LIMITED	KSA
		MERWEDE VALVES BV	NETHERLANDS



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No.	Materials	Manufacturer/Company Name.	Country/State Name
5.39	GLOBE VALVE; NPS 2 & UP; ANSI 150 AN	ORION SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		VALVOSIDER SRL	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		KITZ CORPORATION INA PLANT	JAPAN
		NAKAKITA SEISAKUSHO CO LTD	JAPAN
		FLOWSERVE - RALEIGH	USA
		CONVAL INCORPORATED	USA
		VELAN VALVE CORPORATION	USA
		VELAN INCORPORATED	CANADA
		MSA AS	CZECH REP.
		PK VALVE CO LTD	S. KOREA
		TY VALVE CORPORATION	S. KOREA
		NEWAY VALVE (SUZHOU) CO LTD TAISHAN PLANT	CHINA
		AUDCO INDIA LIMITED	INDIA
		ABAHSAIN NEWAY INDUSTRIAL CO. LTD.	KSA
MTS VALVES AND TECHNOLOGY	SPAIN		
KITZ CORPORATION CHINA PLANT	CHINA		
SUFA TECHNOLOGY INDUSTRY CO LTD CNN	CHINA		
5.40	GLOBE VALVE; UP TO NPS 4; API 602 & ASME16.34	DRESSER AL-RUSHAID VALVE AND INSTRUMENT COMPANY	KSA
		BFE SPA BONNEY FORGE VALVE LICENSEE	ITALY
		LVF SPA	ITALY
		MERWEDE VALVES BV	NETHERLANDS
		OMB VALVES SPA	ITALY
		\$\$ VELAN VALVES LTD	UK
		KITZ CORPORATION INA PLANT	JAPAN
		SHORITSU SEISAKUSHO CO LTD CHIBA FACTORY	JAPAN
		FLOWSERVE - RALEIGH	USA
		FLOWSERVE US INC.	USA
		CONVAL INCORPORATED	USA
		VELAN INCORPORATED	CANADA
		BONNEY FORGE CORPORATION	USA
		S AND S VALVE CO LTD	S. KOREA
		INDUSTRIAL VALVES MANUFACTURER	KSA
		INDUSTRIAL VALVES MANUFACTURER	KSA
		SWI VALVE CO LTD	KSA
5.41	GLOBE VALVE; CAST OR DUCTILE IRON	NIBCO INC. (BLYTHEVILLE PLANT)	USA
		PIMA VALVE INCORPORATED	USA
5.42	GLOBE VALVE; NON-FERROUS; (BRONZE/ALUMINUM)	SHIPHAM VALVES	UK
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		CLA-VAL COMPANY	USA
		PIMA VALVE INCORPORATED	USA
		MARIANI RUBINETTERIE INDUSTRIALI SR	ITALY
		KITZ (THAILAND) LTD	THAILAND
MILWAUKEE VALVE COMPANY	USA		
5.43	CHOKER VALVE; NEEDLE; 2 INCH AND UP; API	CAMERON FRANCE SA	FRANCE
		VETCO GRAY PTE LTD	SINGAPORE
		CAMERON IRELAND LTD	IRELAND
		KOSO KENT INTROL LTD	UK
		FMC TECHNOLOGIES SINGAPORE PTE LTD FOR SUBSEA PRODUCTS	SINGAPORE
		GE OIL AND GAS VETCO GRAY, INC.	USA
HYDRIL INCORPORATED, PRESSURE	USA		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		T3 ENERGY SERVICES	USA
5.44	CHOKE VALVE; PLUG AND CAGE OR INTERNAL	CAMERON IRELAND LTD	IRELAND
		KOSO KENT INTROL LTD	UK
		MOKVELD VALVES BV	NETHERLANDS
		GE OIL AND GAS PRESSURE CONTROL LTD	UK
		HYDRIL INCORPORATED, PRESSURE	USA
		T3 ENERGY SERVICES	USA
		MASTER FLO VALVE INCORPORATED	CANADA
5.45	CHOKE VALVE; AUTOMATIC PLUG-AND-CAGE; H	CAMERON IRELAND LTD	IRELAND
		MOKVELD VALVES BV	NETHERLANDS
		CONTROL COMPONENTS INCORPORATED	USA
5.46	CHOKE VALVE; API 6A, 10000 PSI	VETCO GRAY PTE LTD	SINGAPORE
		CAMERON IRELAND LTD	IRELAND
		FMC TECHNOLOGIES SINGAPORE PTE LTD	SINGAPORE
		GE OIL AND GAS VETCO GRAY, INC.	USA

6.0 Valves -Butterfly

6.1	HIGH PERFORMANCE SOFT SEATED API 609 (DOUBLE OFFSET TYPE) -SPECIFY API 607 WHEN PURCHASING " FIRE TESTED VALVES"	BARY VALVES AND CONTROLS, BRAY/MCCANNA LOK (SERIES 40 UP TO NPS 16) & CRANE	USA	
		FLOWSEAL	MEXICO	
		DEZURIK & FISHER CONTROLS.	USA	
		POSI SEAL (1A) FLOSERVE	USA	
		DURCO	USA	
		METSO AUTOMATION, JAMESBURY (800 SERIES)	USA	
		ADAMS ARMATUREN GMBH	GERMANY	
		XOMOX CORPORATION	USA	
		ZWICK GMBH	GERMANY	
		TOMOE PROCESS VALVES AND CONTROL SY	UK	
		CURTISS WRIGHT FLOW CONTROL UK LTD DIVISION SOLENT AND PRATT	UK	
		VELAN INC	CANADA	
		ORTON SRL	ITALY	
		HOBBS VALVE LIMITED	UK	
		BRAY	Hangzhou, CHINA	
		PENTAIR FLOW CONTROL (Formerly TYCO), K-LOK	INDIA, USA	
		Specify on below Valve manufacturers with Inconel or 17-4 Ph (1150M) Metal seal for " Fire-Tested" Service.		
		XOMOX INTERNATIONAL GMBH	GERMANY	
		WOUTER WITZEL EUROVALVE B.V.	NETHERLANDS	
		ADAMS ARMATUREN GMBH	GERMANY	
		KSB S.A.S. AMRI DIVISION	FRANCE	
		TOMOE PROCESS VALVES AND CONTROL SY	UK	
		ACE VALVE COMPANY LTD	S. KOREA	
WEIR VALVES AND CONTROLS UK LTD	UK			
CURTISS WRIGHT FLOW CONTROL UK LTD DIVISION SOLENT AND PRATT	UK			
ORTON SRL	ITALY			
METSO AUTOMATION INC FLOW CONTROL	FINLAND			
6.2	RESILIENT METAL (GRAPHITE LAMINATE) SEATED API 607, API 609-CATEGORY B(TRIPLE OFFSE TYPE) -WARRANTED LEAKAGE RATE IS ZERO	ADAMS (MAK)	GERMANY, TX	
		(CAMERON ORBIT- TRIAX DELETED) AND CRANE	USA	
		FLOWSEAL (TYPE MS)	GERMANY	
		SCORE ENERGY PRODUCTS (TRICENTRIC)	CANADA	
		TOMOE (TRITEC), TYCO VALVES. (TT1)	UK	
		VANESSA (QT SERIES)	ITALY	
		VELAN (TORQSEAL)	CANADA	
		ZWICK (TRI-CON)	GERMANY	
		BRAY CONTROLS (Tri Lok)	TX, USA	



SAUDI ARAMCO MOBIL REFINERY COMPANY LTD.

Approved Manufacturer's List

No.	Materials	Manufacturer/Company Name.	Country/State Name		
		METSO AUTOMATION, NELES (NELDUISC, L 6)	Helsinki, FINLAND		
		TOMOE (TT2)	INDONESIA		
		IMI Plc (ORTON)	ITALY		
		PENTAIR FLOW CONTROL (Formerly TYCO), VANESSA (Including QT Series)	ITALY		
6.3	METAL SEATED API 607, API 609- CATEGORY B (TRIPLE OFFSET TYPE) -WARRANTED LEAKAGE RATE PER API 598 IN PREFERRED DIRECTION ONLY	ADAMS (MAK)	GERMANY, TX		
		METSO AUTOMATION, NELES (NELDUISC, L 6)	Finland		
		SCORE ENERGY PRODUCTS (TRICENTRIC)	CANADA		
		TYCO VALVES, VANESSA	ITALY		
		ZWICK (TRI-CON)	GERMANY		
6.4	BUTTERFLY VALVE; NPS 2 THRU 12	XOMOX INTERNATIONAL GMBH	GERMANY		
		WOUTER WITZEL EUROVALVE B.V.	NETHERLANDS		
		ADAMS ARMATUREN GMBH	GERMANY		
		KSB S.A.S. AMRI DIVISION	FRANCE		
		NORRISEAL CONTROLS/ DOVER	USA		
		NIBCO INC. (BLYTHEVILLE PLANT)	USA		
		ACE VALVE COMPANY LTD	S. KOREA		
		BRAY CONTROLS	USA		
		ORTON SRL	ITALY		
DKC CO LTD	S. KOREA				
6.5	BUTTERFLY VALVE; NPS 14 AND UP	WOUTER WITZEL EUROVALVE B.V.	NETHERLANDS		
		NORRISEAL CONTROLS/ DOVER	USA		
		NIBCO INC. (BLYTHEVILLE PLANT)	USA		
		ACE VALVE COMPANY LTD	S. KOREA		
		BRAY CONTROLS	USA		
		ORTON SRL	ITALY		
		DKC CO LTD	S. KOREA		
6.6	BUTTERFLY VALVE; CRYOGENIC	ADAMS	GERMANY		
		METSO AUTOMATION, NELES	FINLAND		
		IMI Plc (ORTON)	ITALY		
		PENTAIR FLOW CONTROL (Formerly TYCO), VENESSA	ITALY		
		VELAN	FRANCE		
6.7	BUTTERFLY VALVE;NPS TO 12 IN,NON-FERROUS	WOUTER WITZEL EUROVALVE B.V.	NETHERLANDS		
		KSB S.A.S. AMRI DIVISION	FRANCE		
		NORRISEAL CONTROLS/ DOVER	USA		
		ACE VALVE COMPANY LTD	S. KOREA		
		BRAY CONTROLS	USA		
		ORTON SRL	ITALY		
6.8	BUTTERFLY VALVE; ABOVE 14 IN,NON-FERROUS	WOUTER WITZEL EUROVALVE B.V.	NETHERLANDS		
		AMVI SA KSB GROUP	SPAIN		
		NORRISEAL CONTROLS/ DOVER	USA		
		BRAY CONTROLS	USA		
		ORTON SRL	ITALY		
7.0 Valves - Ball					
		CONBRACO, APOLLO	USA		
		FLOWSERVE	USA		
		MCCANNA, VELAN	CANADA		
		BAC VALVES SA	SPAIN		
		INDUSTRIAL VALVES MANUFACTURER	KSA		
		PARKER-HANNIFIN	USA		
		SWAGELOK HIGHLAND	USA		
		OMB VALVES SPA	ITALY		
		Two Piece - Specify Seal Welding for Threaded Body Design.			
		KF INDUSTRIES (CIRCOR)	USA		
CONTROMATICES	TAIWAN				



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No.	Materials	Manufacturer/Company Name.	Country/State Name		
7.1	THD/SW (NPS 2 AND SMALLER) -API 607,API 608 SOFT / GRAPHITE SEATED; FLOATING BALL	KITZ, KTM, (TYCO)	JAPAN		
		MILWAUKEE	USA		
		GLOBAL FLOW TECHNOLOGIES	TAIWAN		
		QUADRANT (KONG JIH), VELAN	CANADA		
		CONTROMATICES	Oklahoma, USA		
		FORAM VALVE SOLUTION, QUADRANT	TAIWAN		
		KITZ	TAIWAN		
		MILWAUKEE	WI		
		OMB	ITALY		
		PENTAIR FLOW CONTROL (Formerly TYCO)	ITALY		
		KTM	JAPAN		
		VELAN	CANADA		
		Three Piece (Bolted Body)			
		CAMERON, TBV	USA, FRANCE		
		CONBRACO, APOLLO	USA		
		FLOWSERVE, WORCESTER	USA		
		KF INDUSTRIES (CIRCOR) CONTROMATICS	USA		
		METSO AUTOMATION, JAMESBURY	USA		
		BAC VALVES S.A	FRANCE		
		HOKE INCORPORATED/CIRCOR	USA		
		QUARANT (KONG JIH)	ARGENTINA		
		VALBOL (WORCESTER)	CANADA		
		VELAN, * SWAGELOK, WHITEY	USA		
		FORAM VALVE SOLUTION, QUADRANT	TAIWAN		
		MILWAUKEE	WI		
		OMB	ITALY		
		VELAN	CANADA		
		SWI VALVE CO LTD	S. KOREA		
		7.2	FLANGED CL#150 & CL#300,API607,API608 SOFT OR GRAPHITE SEATED, FLOATING BALL CATEGORY COVERS UP TO NPS 6 FULL PORT AN UP TO NPS8(STD. OR REDUCED PORT)IN CL#150 AND UPTO NPS4 (FULL PORT) AND UP TO NPS6 (STD. OR REDUCED PORT) IN CL#300- MANUFACTURER CERTIFICATION TO API 607 IS REQUIRED	CAMERON * NUTRON, (FORGED BODY)	CANADA
				TBV	MA
* (TK-HAMMOND , LA DELETED) CONBRACO					
APOLLO	SC,USA				
FLOWSERVE, MCCANNASEAL (TOP ENTRY: FULL / REDUCED PORT), WORCESTER (END ENTRY & SPLIT	TN, USA				
CONTROMATICS	OK, USA				
KTM (KITAMURA VALVE) (TYCO)	JAPAN				
KITZ	SPAIN, TAIWAN				
KITZ (2-PIECE)	JAPAN				
KUMKANG VALVE, KUKA	S KOREA				
METSO AUTOMATION, JAMESBURY	MA				
MILWAUKEE	WI				
PBV-USA (ZY-TECH)	TEXAS				
PERAR (FORGED BODY)	ITALY				
TIX CORPORATION	JAPAN				
GLOBAL FLOW TECHNOLOGIES, QUADRANT (KONG JIH)	TAIWAN				
TONG YUNG (TY)	KOREA				
VALBOL (WORCESTER) END ENTRY / SPLIT BODY)	ARGENTINA				
VELAN	CANADA				
NEWAY	Suzhou, CHINA				
PENTAIR FLOW CONTROL (Formerly TYCO), KTM	JAPAN				
QUADRANT (KONG JIH)	Taichung, JAPAN				
SWI VALVE CO LTD	S. KOREA				
VIRGO	Pune, INDIA				
		CAMERON , NUTRON (FORGED BODY)	CANADA		
		ORBIT	AR		
		TK	LA, USA		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
7.3	FLANGED CL#150 & CL#300, FIRED TESTED API 607, API 608 SOFT OR GRAPHITE SEATED TRUNNION MOUNTED-MANUFACTURER CERTIFICATION TO API 607 IS REQUIRED	FLOWSERVE, ARGUS	GERMANY
		KTM (TYCO)	JAPAN
		KUMKANG VALVE, KUKA	S. KOREA
		METSO AUTOMATION, JAMESBURY (NPS 6 AND LARGER)	MA
		GLOBAL FLOW TECHNOLOGIES, PBV-USA	TEXAS
		PERAR (FORGED BODY)	ITALY
		PIBIVIESSE (CIRCOR) (NPS 6 AND LARGER)	ITALY
		TONG YUNG (TY)	KOREA
		NEWAY	Suzhou, CHINA
		FORUM VALVE SOLUTION, PBV	TEXAS, USA
		PENTAIR FLOW CONTROL (Formerly TYCO), KTM	JAPAN
		SWI VALVE CO LTD	S. KOREA
		VIRGO	Pune, INDIA
7.4	BALL VALVE; NPS 26 & UP ASME CLASS 150 & UP	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		CAMERON VALVES AND MEASUREMENT	USA
		PBV USA INC. ZY-TECH GLOBAL IND.	USA
		MSA AS	CZECH REP.
		PERAR SPA	ITALY
7.5	METAL SEATED, FLOATING BALL-ASME B16.34 / API 608-CATEGORY COVERS UP TO NPS6 (FULL PORT) & UP TO NPS 8 (STD. OR REDUCED PORT IN CL#150 & UP TO NPS4 (FULL PORT) & UPTO NPS 6(STD. OR REDUCED PORT) IN CLASS 300	CAMERON, WKM (TEMP LIMITED TO 230 C (450 F)	OK, USA
		TBV	MA, USA
		FLOWSERVE ARGUS	GERMANY
		MCCANNA SEAL (TOP ENTRY)	TN
		KITZ (PREFERRED DIRECTION)	JAPAN
		KITZ (BI-DIRECTIONAL)	SPAIN
		METSO AUTOMATION, NELES	GA
		MOGAS	USA
		GLOBAL FLOW TECHNOLOGIES, PBV-USA	TEXAS
		TYCO, KTM	JAPAN
		VELAN, SECURASEAL (FORMERLY SECURAMAX)	CANADA
		VALVE TECHNOLOGIES	USA
		FORUM VALVE SOLUTION, PBV	TEXAS, USA
PENTAIR FLOW CONTROL (Formerly TYCO), KTM	JAPAN		
SWI VALVE CO LTD	S. KOREA		
7.6	METAL SEATED, TRUNNION MOUNTED , ASME B16.34 / API 608	CAMERON, ORBIT	AR
		TBV (TEMP LIMITED TO 340 C (650 F)	CANADA
		FLOWSERVE, ARGUS	GERMANY
		KTM (TYCO)	JAPAN
		METSO AUTOMATION	GA
		NELES,VELAN	CANADA
		VELAN, SECURASEAL (FORMERLY SECURAMAX)	CANADA
		ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		OMB VALVES SPA	ITALY
		CAMERON VALVES AND MEASUREMENT	USA
		PBV USA INC. ZY-TECH GLOBAL IND.	USA
		OMS SALERI SRL	ITALY
		PERAR SPA	ITALY
		TK	LA,USA
		FORUM VALVE SOLUTION, PBV	TEXAS, USA
		METSO AUTOMATION, NELES	MA, USA
		PENTAIR FLOW CONTROL (Formerly TYCO), KTM	JAPAN
		SWI VALVE CO LTD	S. KOREA
CAMERON	LA		

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No.	Materials	Manufacturer/Company Name.	Country/State Name
7.7	PIPELINE BALL VALVE, TRUNNION MOUNTED,API6DPipeline Ball Valves- Trunnion Mounted - API 6D	GROVE	ITALY
		TK	LA
		WKM	OK
		RINGO, LVF SPA/ FVB, OMB/ FLUICON.	ITALY
		GLOBAL FLOW TECHNOLOGIES, PBV-USA	TEXAS
		PERAR (FORGED BODY)	ITALY
		PETROLVALVES, PIBIVIESS (CIRCOR)	ITALY
		VALBART, VELAN, (VELAN SRI DELETED)	ITALY
		FORUM VALVE SOLUTION, PBV	TEXAS, USA
		LVF SpA / FVB	ITALY
		NEWAY (Up to NPS12)	CHINA
		OMB	ITALY
		PIBIVIESSE (CIRCOR) (Up to 48 inch)	ITALY
VIRGO	INDIA		
7.8	BALL VALVE; NPS 1/4 INCH TO 2; ANY RATING	OLIVER VALVES LTD	UK
		FLOWERVE FLOW CONTROL GMBH	GERMANY
		HARTMANN VALVES GMBH	GERMANY
		OMB VALVES SPA	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		FLOWERVE CORPORATION (COOKEVILLE)	USA
		SWAGELOK HIGHLAND	USA
		PARKER-HANNIFIN	USA
		VELAN INCORPORATED	CANADA
		VELAN INCORPORATED	CANADA
		HOKE INC	USA
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN
		OMS SALERI SRL	ITALY
		ALCO VALVES GROUP LTD	UK
		INDUSTRIAL VALVES MANUFACTURER	KSA
CONBRACO INDUSTRIES, INC.	USA		
SWI VALVE CO LTD	S. KOREA		
7.9	BALL VALVE; METAL-SEATED; NPS 2 THRU 24	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		HARTMANN VALVES GMBH	GERMANY
		OMB VALVES SPA	ITALY
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		CAMERON VALVES AND MEASUREMENT	USA
		PBV USA INC. ZY-TECH GLOBAL IND.	USA
		OMS SALERI SRL	ITALY
		PERAR SPA	ITALY
METSO AUTOMATION INC FLOW CONTROL	FINLAND		
7.10	BALL VALVE; FLANGED OR BUTTWELD; FULLY	CAMERON ITALY SRL	ITALY
		CAMERON VALVES AND MEASUREMENT DIVI	USA
		PERAR SPA	ITALY
7.11	BALL VALVE; FULLY WELDED; 2 THRU 24 IN	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		RMA KEHL GMBH AND CO KG	GERMANY
		CAMERON VALVES AND MEASUREMENT DIVI	USA
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN
		PERAR SPA	ITALY
7.12	BALL VALVE; FULLY WELDED; NPS 26	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		CAMERON ITALY SRL	ITALY
		RMA KEHL GMBH AND CO KG	GERMANY

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No.	Materials	Manufacturer/Company Name.	Country/State Name
7.12	AND&UP	CAMERON VALVES AND MEASUREMENT DIVI	USA
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN
		PERAR SPA	ITALY
7.13	BALL VALVE, SEAT SUPPORTED	PETROLVALVES SRL	ITALY
		XOMOX INTERNATIONAL GMBH	GERMANY
		FLOWSERVE FLOW CONTROL GMBH	GERMANY
		LARSEN AND TOUBRO VALVES LIMITED	INDIA
		CAMERON ITALY SRL	ITALY
		HARTMANN VALVES GMBH	GERMANY
		OMB VALVES SPA	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		KITZ CORPORATION INA PLANT	JAPAN
		FLOWSERVE CORPORATION (COOKEVILLE)	USA
		CAMERON VALVES AND MEASUREMENT	USA
		VELAN INCORPORATED	CANADA
		VELAN INCORPORATED	CANADA
		PBV USA INC. ZY-TECH GLOBAL IND.	USA
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN
		INDUSTRIAL VALVES MANUFACTURER	SAUDI ARABIA
CONBRACO INDUSTRIES, INC.	USA		
BAC VALVES SA	SPAIN		
METSO AUTOMATION INC FLOW CONTROL	FINLAND		
7.14	BALL VALVE; SPLIT BODY; NPS 2 THRU 24	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		PETROLVALVES SRL	ITALY
		LARSEN AND TOUBRO VALVES LIMITED	INDIA
		CAMERON ITALY SRL	ITALY
		HARTMANN VALVES GMBH	GERMANY
		OMB VALVES SPA	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		KITZ CORPORATION INA PLANT	JAPAN
		CAMERON VALVES AND MEASUREMENT	USA
		PBV USA INC. ZY-TECH GLOBAL IND.	USA
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN
		MSA AS	CZECH REP.
		OMS SALERI SRL	ITALY
		INDUSTRIAL VALVES MANUFACTURER	KSA
		BAC VALVES SA	SPAIN
		PERAR SPA	ITALY
		PERAR SPA	ITALY
		HAWA VALVES INDIA PVT LTD	INDIA
FLUITEK ORSENIGO VALVES SPA	ITALY		
LCM ITALIA SPA	ITALY		
METSO AUTOMATION INC FLOW CONTROL	FINLAND		
7.15	BALL VALVE; SPLIT BODY;STEEL;26 IN & UP	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		KITZ CORPORATION NAGASAKA PLANT	JAPAN
		KITZ CORPORATION INA PLANT	JAPAN
		CAMERON VALVES AND MEASUREMENT	USA
		PBV USA INC. ZY-TECH GLOBAL IND.	USA
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		OMS SALERI SRL	ITALY
		PERAR SPA	ITALY
		METSO AUTOMATION INC FLOW CONTROL	FINLAND
7.16	BALL VALVE; TOP ENTRY; STEEL; 26 IN & UP	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		OMS SALERI SRL	ITALY
		PERAR SPA	ITALY
7.17	BALL VALVE; STEEL; MULTIPORT;	OLIVER VALVES LTD	UK
		FLOWERVE CORPORATION (COOKEVILLE)	USA
		SWAGELOK HIGHLAND	USA
		PARKER-HANNIFIN	USA
		HOKE INC	USA
		ALCO VALVES GROUP LTD	UK
7.18	BALL VALVE; TOP ENTRY; SOFT SEATED	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		VETCO GRAY PTE LTD	SINGAPORE
		PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		HARTMANN VALVES GMBH	GERMANY
		AMPO S COOP POYAM VALVES	SPAIN
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
		TIX-IKS CORPORATION NIIGATA PLANT	JAPAN
		OMS SALERI SRL	ITALY
PERAR SPA	ITALY		
7.19	BALL VALVE; HIGH PERFORMANCE STEEL	MOGAS INDUSTRIES INCORPORATED	USA
7.20	TWIN BALL VALVE, DBB, TRUNNION SUPPORTE	GALPERTI ENGINEERING AND FLOW CONTROL SRL	ITALY
7.21	BALL VALVE; TOP ENTRY, RISING STEM	CONTROL SEAL BV	NETHERLANDS
7.22	CRYOGENIC-FLOATING BALL VALVE	CAMERON, TBA	MA, USA
		KITZ	JAPAN
		OMB	ITALY
		PIBIVIESSE (CIRCOR)	ITALY
		TONG YUNG (TY)	KOREA
7.23	CRYOGENIC-TRUNNION BALL-API 6D	CAMERON, TBA	MA, USA
		KITZ	JAPAN
		OMB	ITALY
		PIBIVIESSE (CIRCOR)	ITALY
		TONG YUNG (TY)	KOREA
		METSO AUTOMATION, NELES	FINLAND
		PERAR (FORGED BODY)	ITALY
7.24	BALL VALVE; SCRAPER LAUNCHING; STEEL	ITAG VALVES AND OILFIELD PRODUCTS G	GERMANY
		HARTMANN VALVES GMBH	GERMANY
7.25	BALL VALVE; API 6A 2000 TO 5000 PSI; FL	PETROLVALVES SRL	ITALY
		CAMERON ITALY SRL	ITALY
		HARTMANN VALVES GMBH	GERMANY
		CAMERON VALVES ITALY SRL RING-O-VALVE FACILITY	ITALY
7.26	BALL VALVE; 1-13/16 IN AND UP; API 10000	PETROLVALVES SRL	ITALY
		GALPERTI ENGINEERING AND FLOW CONTROL SRL	ITALY
		CAMERON ITALY SRL	ITALY
		OMB VALVES SPA	ITALY
		BROOKSBANK VALVES LTD	UK
		SHIPHAM VALVES	UK



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No.	Materials	Manufacturer/Company Name.	Country/State Name
7.27	BALL VALVE; NON-FERROUS;	FLOWERVE CORPORATION (COOKEVILLE)	USA
		SWAGELOK HIGHLAND	USA
		MARIANI RUBINETTERIE INDUSTRIALI SR	ITALY
		CONBRACO INDUSTRIES, INC.	USA
		KITZ (THAILAND) LTD	THAILANDS
		PBM	USA
8.0 Valves - Plug			
8.1	EXPANDING SEAL TYPE (NON LUBRICATED) API 599,API 607	CAMERON, ORBIT TRUSEAL, GENERAL TWIN SEAL	AR
		CONTROL SEAL BV	NETHERLANDS
		3Z CORPORATION	S. KOREA
8.2	LUBRICATED TYPE-API 599 CAST STEEL AND LOW CHROME	CHRISTENSE	DENMARK
		FLOWERVE, NORDSTROM AUDCO	USA
		RESUN	USA
		GALLI E & CASSINA SPA	ITALY
		BRDR CHRISTENSEN APS	DENMARK
		3Z CORPORATION	S. KOREA
8.3	LINED / SLEEVED TYPE CARBON STEEL & STAINLESS STEEL-SPECIFY EXTERNALLY FIRE TESTED MODEL	FLOWERVE	TN
		DURCO	CANADA
		FLUROSEAL, CRANE	CANADA
		XOMOX TUFLINE	OH
		FLOWERVE, DURCO	GERMANY
8.4	WEDGE TYPE	CRANE, PACIFIC (WEDGEPLUG)	CA
		POYAM (LIFTPLUG)	SPAIN
8.5	PLUG VALVE; NON-LUBRICATED	XOMOX INTERNATIONAL GMBH	GERMANY
		FLOWERVE CORPORATION (COOKEVILLE)	USA
		XOMOX CORPORATION	USA
		FLOWERVE AHAUS GMBH FLOW CONTROL DIVISION	GERMANY
		MTS VALVES AND TECHNOLOGY	SPAIN
		3Z CORPORATION	S. KOREA
8.6	PLUG VALVE; STEAM JACKETED;	XOMOX INTERNATIONAL GMBH	GERMANY
		GALLI E & CASSINA SPA	ITALY
		BRDR CHRISTENSEN APS	DENMARK
		FLOWERVE CORPORATION (COOKEVILLE)	USA
		XOMOX CORPORATION	USA
8.7	VALVE; PLUG; 4-WAY DIVERTER; 2 THRU 24	SPX FLOW CONTROL M&J VALVE OPERATIONS	USA
8.8	PLUG VALVE; UP TO NPS 12 CAST OR DUCTILE	BRDR CHRISTENSEN APS	DENMARK
		FLOWERVE US INC.	USA
8.9	PLUG VALVE; DOUBLE ISOLATION TWIN PLUG	BRDR CHRISTENSEN APS	DENMARK
9.0 Valves -Special			
9.1	HF ACID SERVICE	FORGED TYPE	
		VELAN	CANADA
		XANIK	MEXICO
		CASTED TYPE	
		DESCOTE (TYCO) (BELLOWS SEALED GLOBE UP TO NPS	FRANCE
		CRANE , PACIFIC	CA, USA
		PACIFIC	CA
		PETROL VALVES (LEVEL 3)	ITALY
		VELAN	CANADA
		XANIK (UP TO NPS 12)	MEXICO
		STRACK, GMBH	GERMANY
		PLUG TYPE	
		FLOWERVE, DURCO	TN
		CRANE	CA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		XOMOX (TUFLINE)	OH
9.2	BELLOWS SEAL-NPS2 & SAMLER API 602 & MSS SP-117	BONNEY FORGE	ITALY
		EKK EAGLE AMERICA EAGLE	RI
		IL SHIN	S. KOREA
		OMB	ITALY
		SWI VALVE CO.LTD.	S. KOREA
		VELAN	CANADA
9.3	MISCELLANEOUS(Through Conduit, forged y-pattern, Compact manifold valves, High pressure, Chlorine service bellows sealed valve, Severe service engineered ball valves, Double block, Nickel Al-Bronze & special materials and bleed)	BONNEY FORGE ITALY, BONNEY FORGE (FORGED Y-PATTERN PRESSURE SEAL GAT, GLOBE CHECK)	ITALY
		WKM POW -R- SEAL (EXPANDING GATE TYPE)	AR
		TBV (6400 OR 6500 SERIES FIRE TESTED INSTRUMENT RO	MA
		TEXSTEAM	LA, USA
		CONVAL (HIGH PRESSURE SPECIALTY FORGED VALVES	CT
		SEALED VALVE)	FRANCE
		FIRSA S.P.A (SPECIAL ORDER SHORT DELIVERY GATE, GLOBE AND CHECK)	ITALY
		NEWCO (NEWMANS LINE 31)	ITALY
		FLowsERVE	
		EDWARD (Y-PATTERN CLASS 300 GLOBE VALVE)	NC
		NPS 10 AND UP)	TN
		GOSCO (SEVERE SERVICE ENGINEERED BALL VALVES)	CANADA
		FMC (Compact manifold valves)	Houston, USA
		KLINGER (PISTON VALVE)	AUSTRIA
		SCHUF (RAM TYPE AND SAMPLE VALVE)	GERMANY
		SCHUF	Ireland
		STRAHMAN (SAMPLE VALVE)	NJ, USA
		BEL (Through conduit gate valves)	UK
		INDUTRADE AB, HP-VALVES (HP special alloys > 2500 psi)	NETHERLANDS
		MOGAS (Ball valves for severe service)	TX, USA
OLIVER (special high press; DB&B; needle type, up to NPS 2)	UK		
SHIPHAM VALVES (Nickel Al-Bronze & special materials)	UK		
SWI VALVE CO.LTD.(forged y-pattern gate, globe & check to NPS 2)	S. KOREA		
		UK	
9.4	SHUT-OFF VALVE; PISTON; STEEL; AXIAL FL	MOKVELD VALVES BV	NETHERLANDS
		BONETTI	ITALY
		KLINGER	AUSTRIA
9.5	MANIFOLD; VALVE; ENGINEERED; ASSEMBLY;	OLIVER VALVES LTD	UK
		FMC CORPORATION	USA
		ALCO VALVES GROUP LTD	UK
		SABRE INSTRUMENT VALVES LTD	UK
9.6	HYDRANT PIT VALVE; FOR AIRCRAFT REFUELING	FLUID TRANSFER LTD	UK
		FR-HITEMP LTD.	UK
		CARTER GROUND	USA
9.7	KNIFE VALVE	VELAN INCORPORATED	CANADA
9.8	TUBING VALVE ; UP TO 1 IN; 10000 PSI AND	RESATO INTERNATIONAL BV	NETHERLANDS
		AUTOCLAVE ENGINEERS INCORPORATED	USA
		MAXIMATOR GMBH	GERMANY
		HASKEL INTERNATIONAL	USA
9.9	MULTI-PORT SELECTOR MANIFOLD VALVE 2-10	FRAMO ENGINEERING AS A SCHLUMBERGER COMPANY	NORWAY
		OIL STATES INDUSTRIES	USA
9.10	VALVE; NPS 2 TO 20, COMPOSITE MATERIAL	SHIPHAM VALVES	UK
		NIL-COR LLC	USA
9.11	SINGLE FLANGE WITH INTEGRAL NEEDLE VALVE	GALPERTI ENGINEERING AND FLOW CONTROL SRL	ITALY
9.12	SPRINKLER; FIRE PROTECTION; VALVE	ELKHART BRASS MANUFACTURING CO	USA
		VIKING CORPORATION	USA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		TYCO FIRE AND BUILDING PRODUCTS	USA
9.13	SANDWICH VALVE 2 IN. AND UP, ASME CLASS	TD WILLIAMSON SA	BELGIUM
9.14	UTILITY SERVICE VALVES-BRASS & BRONZE, IBBM	KENNEDY	NY
		KITZ	JAPAN
		MILWAUKEE	WI
		STOCKHAM	AL
10.0 Rupture Disc			
10.1	RUPTURE DISC	B S AND B SAFETY SYSTEMS	USA
		FIKE CORPORATION	USA
11.0 Nut & Bolts			
11.1	FASTENERS (Stud Bolts & Nuts)	AGS FLEXITALLIC	Edmonton, ALBERTA / Samia, ONTARIO, CANADA
		DAN-LOC BOLT & GASKETS	TX, CA, OH (1), USA
		OME SRL	ITALY
		Triple Fast	UAE
		FASTENAL COMPANY	Winona, MI, USA
		GLASER AND ASSOCIATES	Martinez, CA, USA
		HIGHLANDS THREADS	Houston,TX, USA
		HYDROBOLT LTD.	Wolverhampton,UK
		INDUSTRIAS AUGE S.A. de C.V.	Lerma, MEXICO
		J & B FASTENERS, LP	Houston,TX, USA
		LAMONS GASKET COMPANY	LA / IL / TX, USA
		LAMONS	Essen, GERMANY
		LAMONS	Rotterdam, NETHERLANDS
		LEADER GLOBAL TECHNOLOGIES	Beaumont, TX, USA
LONE STAR FASTENERS, LP	Houston,TX, USA		
PROSPER	Kingswinford, UK		
QUALITY BOLT AND SCREW CORP.	LA, USA		
12.0 SCRAPER TRAP			
12.1	PIPE SCRAPER TRAP / PIG, CLOSURE, STEEL	BASSI LUIGI AND C SPA	ITALY
		PIPELINE ENGINEERING & SUPPLY CO LTD	UK
		VALLOUREC AND MANNESMANN TUBES	FRANCE
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		MOHAMMAD AL-MOJIL GROUP STEEL FACTORY	KSA
		GULF STEEL WORKS	KSA
		FAI OFFICINE DI CARVICO SPA	ITALY
		RMA KEHL GMBH AND CO KG	GERMANY
		T.D. WILLIAMSON INCORPORATED	USA
		GLAPWELL CONTRACTING SERVICES LTD	UK
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	KSA
		R AND M ENERGY SYS ROBBINS AND MYERS INC	USA
GD ENGINEERING	UK		
13.0 TUBES			
		SANDVIK MATERIALS TECHNOLOGY AB	SWEDEN
		NIPPON STEEL AND SUMITOMO METAL CORPORATION	JAPAN
		AMAGASAKI WORKS	
		TENARIS SILCOTUB	ROMANIA
		CENTRAVIS PRODUCTION UKRAINE	UKRAINE
		INTERPIPE NIKO TUBE LLC NIKOPOL SEAMLESS PIPE PLANT	UKRAINE
		AD TUBI INOSSIDABILI SPA	ITALY
		SALZGITTER MANNESMANN STAINLESS TUBES FRANCE	FRANCE



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No.	Materials	Manufacturer/Company Name.	Country/State Name
13.1	TUBING, METALLIC, STEEL / COPPER / NICKEL-ALLOY, SS.	TUBOS REUNIDOS SA AMURRIO PLANT	SPAIN
		SALZGITTER MANNESMANN ROHR SACHSEN GMBH	GERMANY
		KUBOTA CORPORATION HIRAKATA PLANT	JAPAN
		SCHMIDT CLEMENS SPAIN SAU	SPAIN
		KUBOTA SAUDI ARABIA COMPANY	K.S.A
		JFE STEEL CORPORATION EAST JAPAN WORKS CHIBA WORKS	JAPAN
		TENARIS NKKTUBES KEIHIN WORKS	JAPAN
		SHINKO METAL PRODUCTS CO LTD	JAPAN
		STAINLESS KUZE CO LTD HAKUI WORKS	JAPAN
		TITANIUM FABRICATION CORPORATION	USA
		CAMDEL METALS DIV./ HANDY AN HARMAN	USA
		ZELEZIARNE PODBREZOVA	SOLOVAKIA
		MENDENER PRAZISIONSORHR GMBH	GERMANY
		LE BRONZE INDUSTRIEL SAS	FRANCE
		SPECIAL METALS WIGGIN LTD	UK
		FINE TUBES LTD	UK
		SALZGITTER MANNESMANN STAINLESS TUBES ITALIA S.R.L.	ITALY
		KOBE SPECIAL TUBE CO LTD SHIMONOSEKI WORKS	JAPAN
		ASSOCIATED TUBE INDUSTRIES	CANADA
		NIPPON STEEL AND SUMIKIN STAINLESS PIPE CO LTD SHONAN WORKS	JAPAN
		SANDVIK MATERIALS TECHNOLOGY CANADA	CANADA
		SANDVIK TUBULAR PRODUCTS	USA
		SANDVIK P AND P	GERMANY
		SANDVIK CHOMUTOV PRECISION TUBES SR	CZECH REP.
		BENTELER STAHL / ROHR GMBH & CO KG	PADERBORN, DE, GERMANY
		GMM BV	NETHERLANDS
		ICARUS SA	BELGIUM
		KYUNG DONG CO. LTD.	S.KOREA
		SANDVIK STEEL COMPANY	PA, USA
		TPS TECHNITUBE	DAUN, DE, GERMANY
		BRASIMET INDUSTRIES CORPORATION	JAPAN
		FINE TUBES LTD	UK
		MICHIGAN SEAMLESS TUBE	MI, USA
		NICSA SA	MADRID, SPAIN
		FARMER'S COPPER AND INDUSTRIAL	TX, USA
		READING TUBE CORPORATION	PA, USA
		SALEM TUBE INCORPORATED	PA, USA
		SCHOELLER-BLECKMAN	TERNITZ, AUSTRIA
		MARMON	Houston, USA
		SANDVIK ITALIANA SPA	MILAN, ITALY
		HANDY & HARMAN INCORPORATED	CAPELLE AD IJSSEL, NETHERLANDS
		RONCONI	ITALY
		GREENVILLE TUBE CORPORATION	PA, USA
		TUBE PRODUCTS LTD	UK
		RMI TITANIUM COMPANY	UK
		ACCLES & POLLOCK LTD	UK
		CORROTHERM INTERNATIONAL LTD.	UK
		RATNAMANI METALS AND TUBES LTD STAINLESS STEEL DIVISION	INDIA
		FBM HUDSON ITALIANA SPA	ITALY
		AIRCO FIN BV	Netherlands
L.P. S.P.A.	ITALY		
GEA-BTT BATIGNOLLES TECHNOLOGIES THERMIQUES	FRANCE		
BROWN FINTUBE FRANCE SA HAMON FINTECH	FRANCE		

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No.	Materials	Manufacturer/Company Name.	Country/State Name
13.2	TUBING, FINNED	ALFA LAVAL OLMI SPA	ITALY
		\$\$ HAMON D'HONDT SA	FRANCE
		GEA RAINEY CORP.	USA
		KOCH HEAT TRANSFER CO LP	USA
		PROFINS LTD	UK
		GEA - Batignolles Technologies Ther	QATAR
		ZAMIL HUDSON COMPANY LTD.	K.S.A
		HUDSON PRODUCTS CORPORATION	TX, USA
		FARMER'S COPPER AND INDUSTRIAL	TX, USA
		BROWN FINTUBE COMPANY	Houston, USA
OLMI SPA	ITALY		
13.3	BOILER FIRE TUBE AND COMPONENTS	LOINTEK	SAPIN
		mitsui engineering & shipbuilding c tamano works	JAPAN
		G.C. BROACH COMPANY	USA
		TECHNOTHERM CORPORATION	USA
		BABCOCK-HITACHI KK	JAPAN
		THERMAX LTD (BOILER AND HEATER GROUP)	INDIA
13.4	BOILER WATER TUBE	MITSUBISHI HEAVY INDUSTRIES LIMITED YOKOHAMA DOCKYARD & MACH	JAPAN
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		ALSTOM POWER ENERGY RECOVERY GMBH	GERMANY
		mitsui engineering & shipbuilding c tamano works machinery factory	JAPAN
		G.C. BROACH COMPANY	USA
		CERREY, S.A. DE C.V.	MEXICO
		TECHNOTHERM CORPORATION	USA
		FOSTER WHEELER ENERGIA S.A.	SPAIN
		BABCOCK-HITACHI KK	JAPAN
		MACCHI A DIVISION OF SOFINTER SPA	ITALY
		THERMAX LTD (BOILER AND HEATER GROU)	INDIA
13.5	STUDED CARBON & ALLOY STEEL TUBE	L.P. S.P.A.	ITALY
13.7	TITANIUM ASTM B338 METALLIC TUBING	KOBE SPECIAL TUBE CO LTD SHIMONOSEKI WORKS	JAPAN
		AD TUBI INOSSIDABILI SPA	ITALY
		FINE TUBES LTD	UK
13.8	EXTERNAL COATED API GR OCTG TUBING	WEATHERFORD COMPLETION SYSTEM	Houston, USA
		HUNTING OILFIELD SERVICES LTD.	ABERDEEN, UK
		NATIONAL OILWELL	Houston, USA
		DRL-QUIP INCORPORATED	Houston, USA
		VALLOUREC AND MANNESMANN TUBES	Boulogne-Billancour, FRANCE
		NINGXIA GUANGXIA WANDE	YINCHUAN NINGXIA
13.9	INTERNAL COATED API GR. OCTG TUBING	WHEELING MACHINE PRODUCT	Houston, USA
		WEATHERFORD COMPLETION SYSTEM	Houston, USA
		VALLOUREC AND MANNESMANN TUBES	Boulogne-Billancour, FRANCE
		NATIONAL OILWELL	Houston, USA
		DRL-QUIP INCORPORATED	Houston, USA
		HUNTING OILFIELD SERVICES LTD.	ABERDEEN, UK
13.10	SEAMLESS API GR. OCTG TUBING	KOPPEL STEEL CORPORATION	AMBRIDGE, PA, USA
		BENTELER STAHL / ROHR GMBH & CO KG	PADERBORN, DE, GERMANY
		TPS TECHNITUBE	DAUN, DE, GERMANY
		DRL-QUIP INCORPORATED	Houston, USA
		HUNTING OILFIELD SERVICES LTD.	ABERDEEN, UK
		NATIONAL OILWELL	Houston, USA
		OIL TOOLS PTE LTD.	JURONG, SINGAPORE
		P.T. CITRA TUBINDO TBK	CHINATOWN POINT, SINGAPORE
		TAMSA INCORPORATED	Houston, USA
		TUBOS DE ACERO DE MEXICO	MEXICO

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		TUBOS REUNIDOS SA	AMURRIO, SPAIN
		UNITED STATES STEEL	PITTSBURGH, PA, USA
		V & M STAR LP	YOUNGSTOWN, OH, USA
		VALLOUREC AND MANNESMANN TUBES	Boulogne-Billancour, FRANCE
		VALLOUREC AND MANNESMANN	BELO HORIZON, MG, BRASIL
		VOESTALPINE TUBULARS GMBH & CO KG.	KINDBERG, AUSTRIA
		WHEELING MACHINE PRODUCT	Houston, USA
		WEATHERFORD COMPLETION SYSTEM	Houston, USA
		SIDRCA S. A.I.C.	BUENOS, ARGENTINA
13.11	SEAMLESS HIGH NICKEL OCTG TUBING	GRANT PRIDECO INCORPORATED	WOODLANDS, TX, USA
13.12	PERFORATED OCTG TUBING	HUNTING OILFIELD SERVICES LTD.	ABERDEEN, UK
		V & M STAR LP	YOUNGSTOWN, OH, USA
		VALLOUREC AND MANNESMANN TUBES	Boulogne-Billancour, FRANCE
		HUNTING OILFIELD SERVICES LTD.	Houston, USA
13.13	ALL SIZES, ALL MATERIAL METALLIC TUBING	METALTEK INTERNATIONAL	WI, USA
		FOSTER WHEELER ITALIANA SPA	ITALY
		GEA RAINY CORPORATION	OK, USA
		HUDSON PRODUCTS CORPORATION	
13.14	CARBON STEEL BOILER TUBING	VALLOUREC AND MANNESMANN TUBES	BELO HORIZON, MG, BRASIL
		BENTELER STAHL / ROHR GMBH & CO KG	PADERBORN, DE, GERMANY
		KYUNG DONG CO. LTD.	S.KOREA
		NICSA SA	MADRID, SPAIN
		L.P. S.P.A.	ITALY
14.0 EQUIPEMNTS FABRICATORS			
14.1	WATER COOLING TOWER	HAMON THERMAL EUROPE	FRANCE
		SPX COOLING TECHNOLOGIES DIVISION BALCKE-DURR SERVICE	GERMANY
		SPX COOLING TECHNOLOGIES	USA
		COMPOSITE COOLING SOLUTIONS LP	USA
14.2	FLARE TIP	OLAYAN DESCON ENGINEERING COMPANY	KSA
		SAUDI ARABIAN FABRICATED METALS INDUSTRY LIMITED	KSA
		JOHN ZINK COMPANY	USA
		CALLIDUS TECHNOLOGIES, INC.	USA
		JOHN ZINK INTERNATIONAL LUXEMBOURG SARL	LUXEMBOURG
		GBA SRL ENGINEERING AND CONSTRUCTIO	ITALY
14.3	STACK; FLARE EXHAUST	ARABIAN CBI TANK MANUFACTURING COMPANY LIMITED	KSA
		CALLIDUS TECHNOLOGIES, INC.	USA
		MECH TOOL ENGINEERING LTD	UK
14.4	DIRECT FIRED FURNACE	LUMMUS TECHNOLOGY HEAT TRANSFER BV A CB&I COMPANY	NETHERLANDS
		MITSUBISHI HEAVY INDUSTRIES LIMITED TAKASAGO MACHINERY WORKS	JAPAN
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		G.C. BROACH COMPANY	USA
		VATANA PHAISAL ENGINEERING CO. LTD.	THAILAND
		HIDADA COMPANY LIMITED	KSA
		BOUSTEAD INTERNATIONAL HEATERS LTD	UK
		THERMAX LTD (BOILER AND HEATER GROU	INDIA
		TECNIMONT KT SPA TKT	ITALY
		VDL KTI NV	BELGIUM
		SELAS FLUID PROCESSING CORP	USA
		CTCI MACHINERY CORPORATION	TAIWAN
		KTI CORPORATION	USA
		PETRO-CHEM DEVELOPMENT COMPANY	USA
STEEL CASTING COMPANY LTD.	KSA		

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		PETRO CHEM ZAMIL CO. LTD.	KSA
14.5	INDIRECT FIRED FURNACE	MITSUBISHI HEAVY INDUSTRIES LIMITED TAKASAGO MACHINERY WORKS	JAPAN
		G.C. BROACH COMPANY	USA
		VDL KTI NV	BELGIUM
		SELAS FLUID PROCESSING CORP	USA
		CTCI MACHINERY CORPORATION	TAIWAN
14.6	FURNACE; BOX	THERMAX LTD (BOILER AND HEATER GROU	INDIA
		TECNIMONT KT SPA TKT	ITALY
		SELAS FLUID PROCESSING CORP	USA
		PETRO CHEM ZAMIL CO. LTD.	KSA
14.7	FIRED HEATERS (C.S. ECONOMIZERS)	SHANGHAI GREEN THERMAL EQUIPMENT	SHANGHAI, CHINA
14.8	TUBE BUNDLES	FBM HUDSON ITALIANA SPA	ITALY
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		GULF STEEL WORKS	KSA
		LOINTEK	SPAIN
		ALFA LAVAL OLMI SPA	ITALY
		OFFICINE LUIGI RESTA S.P.A.	ITALY
		KOBE STEEL LIMITED ROTATING MACHINERY PLANT COMPRESSOR	JAPAN
		HUGHES-ANDERSON HEAT (HTT)	USA
		KOCH HEAT TRANSFER CO LP	USA
		OHMSTEDE LTD.	USA
		OHMSTEDE, LTD.	USA
		TECHNOTHERM CORPORATION	USA
		BREMBANE AND ROLLE	ITALY
		BREMBANA AND ROLLE SRL	ITALY
		KOCH HEAT TRANSFER COMPANY SRL	ITALY
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		MISA	KSA
		VRV SPA	ITALY
		VDL KTI NV	BELGIUM
		DKT CO LTD	S. KOREA
CTCI MACHINERY CORPORATION	TAIWAN		
ETTORE ZANON SPA	ITALY		
14.9	AIR COOLED HEAT EXCHANGER	FBM HUDSON ITALIANA SPA	ITALY
		OLAYAN DESCON ENGINEERING COMPANY	KSA
		GEA-BTT BATIGNOLLES TECHNOLOGIES THERMIQUES	FRANCE
		ALFA LAVAL OLMI SPA	ITALY
		HAMON D'HONDT SA	FRANCE
		GEA RAINEY CORP.	USA
		HUDSON PRODUCTS CORPORATION	USA
		BHI CO LTD HAMAN PLANT	S. KOREA
		FBM-KNM FZCO	UAE
		S AND T CORPORATION	S. KOREA
		ECODYNE MRM INCORPORATED	USA
		GEA-BATIGNOLLES TECHNOLOGIES THER	QATAR
		KOREA HEAT EXCHANGER IND CO LTD GUNSAN PLANT	S. KOREA
		JORD MALAYSIA SDN BHD	MALAYSIA
		ZAMIL HUDSON COMPANY LTD.	KSA
		ABAHSAIN SPECIALIZED INDUSTRIAL COMPANY LTD. (ASIC)	KSA
EXCHANGER INDUSTRIES CALGARY, AB (CANADA)	CANADA		
GEA - BTT NANTES (FRANCE)	FRANCE		
HAMON D'HONDT FRESNES-SUR-ESCAUT (FRANCE)	FRANCE		

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		HAMMCO OWASSO, OK	USA,OK
		S&T	Changwon, KOREA
		TIW WESTERN CALGARY,	AB and Nisku, AB (Canada)
14.10	MULTI-PIPE HEAT EXCHANGER	BROWN FINTUBE FRANCE SA HAMON FINTECH	FRANCE
		SUNGJIN GEOTEC COMPANY LIMITED ULSAN PLANT	S. KOREA
		KOCH HEAT TRANSFER CO LP	USA
		KOCH HEAT TRANSFER COMPANY SRL	ITALY
		CTCI MACHINERY CORPORATION	TAIWAN
14.11	DOUBLE PIPE AND MULTITUBE HAIRPIN EXCHANGERS	ALCO WICHITA FALLS,	USA, TX
		KOCH HEAT TRANSFER (BROWN FINTUBE)	Houston, TX
		R. W. HOLLAND INC. TULSA,	USA, OK
14.12	PLATE TYPE HEAT EXCHANGER	HISAKA WORKS LTD KONOIKE PLANT	JAPAN
		ALFA LAVAL THERMAL, INCORPORATED	USA
		TRANTER INCORPORATED	USA
		FUNKE GMBH SHELL TUBE AND PLATE HEAT EXCHANGER	GERMANY
		ALFA LAVAL PACKINOX	FRANCE
		VAHTERUS OY	FINLANDS
		ALFALAVAL	Lund (Sweden), and Richmond, VA
		APV GOLDSBORO,	NC and Kolding (Denmark)
		HISAKA KONOIKE (JAPAN)	JAPAN
TRANTER WICHITA FALLS, TX	USA, TX		
14.13	WELDED PLATE BLOCK TYPE EXCHANGERS	ALFALAVAL FONTANIL	FRANCE
		GEA - VIEX NEWMARKET, ON	CANADA
14.14	ELECTRIC HEAT EXCHANGER	EXHEAT INDUSTRIAL LTD	UK
		ETIREX SAS	FRANCE
14.15	TUBE SHEET (MACHINE FABRICATOR)	BILFAL HEAVY INDUSTRIES LTD.	KSA
		GULF STEEL WORKS	KSA
		LOINTEK	SPAIN
		OFFICINE LUIGI RESTA S.P.A.	ITALY
		KOBE STEEL LIMITED ROTATING MACHINERY PLANT COMPRESSOR	JAPAN
		HUGHES-ANDERSON HEAT	USA
		OHMSTEDE LTD.	USA
		OHMSTEDE, LTD.	USA
		BREMBANE AND ROLLE	ITALY
		KOCH HEAT TRANSFER COMPANY SRL	ITALY
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		VRV SPA	INDIA
		DKT CO LTD	S. KOREA
		CTCI MACHINERY CORPORATION	TAIWAN
		ETTORE ZANON SPA	ITALY
		BELLELI ENERGY SPA	ITALY
		OFFICINE LUIGI RESTA S.P.A.	ITALY
		OHMSTEDE LTD.	USA
		SASAKURA ENGINEERING CO. LTD	JAPAN
		SHELL AND TUBE INCORPORATED	USA
		SUNGJIN GEOTECH COMPANY LTD	KOREA
		HITACHI ZOSEN CORPORATION	JAPAN
		HYUNDAI HEAVY INDUSTRIES LTD	KOREA
		KAWASAKI HEAVY INDUSTRIES CO. LTD	JAPAN
HUDSON PRODUCTS CORPORATION	USA		
UNIT SUPERHEATER ENGINEERING LTD	UK		
HUGHES-ANDERSON HEAT EXCHANGERS	USA		
		FBM HUDSON ITALIANA SPA	ITALY



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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.16	ALL MATERIAL HEAT SHELL & TUBE EXCHANGER	BILFAL HEAVY INDUSTRIES LTD.	KSA
		LARSEN AND TOUBRO LIMITED WORKS SAKI VIHAR ROAD POWAI	INDIA
		BELLELI ENERGY SRL	ITALY
		HANS LEFFER GMBH AND CO KG STAHL UND APPARATEBAU	GERMANY
		ALFA LAVAL OLM SPA	ITALY
		OFFICINE LUIGI RESTA S.P.A.	ITALY
		KAWASAKI HEAVY INDUSTRIES LTD HARIMA WORKS	JAPAN
		KOBE STEEL LIMITED ROTATING MACHINERY PLANT COMPRESSOR	JAPAN
		OHMSTEDE LTD.	USA
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		BHI CO LTD HAMAN PLANT	S. KOREA
		FBM-KNM FZCO	UAE
		HEMACO	ITALY
		WELDERS NV	BELGIUM
		BREMBANA AND ROLLE SRL	ITALY
		KOCH HEAT TRANSFER COMPANY SRL	ITALY
		VRV SPA	ITALY
VDL KTI NV	BELGIUM		
VILLA AND BONALDI SPA	ITALY		
ETTORE ZANON SPA	ITALY		
14.17	SHELL AND TUBE EXCHANGERS, C.S./S.S./LOW ALLOY (UP TO AND INCL. 9% CR)/CLAD/WELD OVERLAID EXCHANGERS, LOW AND MODERATE PRESSURE APPLICATIONS REQUIRING ≤ 2 IN THK. SHELLS/CHANNELS.	AVER KVAERNER CHEMETICS TORONTO , ON (CANADA)	CANADA
		BAS-KIM INDUSTRIES LONDON , ON (CANADA)	CANADA
		BREMBANA VALBREMBO (ITALY)	ITALY
		DAEKYUNG MACHINERY & ENGINEERING	ITALY
		DALIAN HITACHI MACHINERY & EQUIPMENT (3) DALIAN, CHINA (LIMITED TO <48"ID, C.S., < 725 PSIG)	CHINA
		GEO HEAT EXCHANGERS ST GABRIEL, LA	USA,LA
		ENERGY EXCHANGERS TULSA, OK	USA,OK
		EXCHANGER INDUSTRIES CALGARY, AB (CANADA)	CANADA
		HUGHES-ANDERSON TULSA - OK	USA, OK
		INDUSTRIAL EQUIPMENT & ENGINEERING SUPHUR, LA	USA, LA
		LARSEN & TOUBRO	Hariza, Powai and Ronali (India)
		LEFFER SAARBRUCKEN (GERMANY)	GERMANY
		LUIGI RESTA SCANZOROSCIATE (ITALY)	ITALY
		MANGIAROTTI	Porto Nogaro (Italy) and Udine (Italy)
		OHMSTEDE	Beaumont - TX, Laporte - TX, St Gabriel - I.A. and Sunbur - I.A.
		SHELL & TUBE INC STAFFORD, TX	USA, TX
		SICES VARESE (ITALY)	ITALY
VILLA & BONALDI RICENGO (ITALY)	ITALY		
14.18	SHELL AND TUBE EXCHANGERS, C.S./S.S./LOW ALLOY (UP TO AND INCL. 9% CR)/CLAD/WELD OVERLAID EXCHANGERS, HIGH PRESSURE APPLICATIONS REQUIRING > 2 IN THK. SHELLS/CHANNELS.	BREMBANA VALBREMBO (ITALY)	ITALY
		HUGHES-ANDERSON TULSA - OK	USA, OK
		LARSEN & TOUBRO	Hariza and Powai (India)
		LUIGI RESTA SCANZOROSCIATE (ITALY)	ITALY
		SICES VARESE (ITALY)	ITALY
		VILLA & BONALDI RICENGO (ITALY)	ITALY
		FBM HUDSON ITALIANA SPA	ITALY
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		INMA STEEL FABRICATORS COMPANY LIMITED	KSA
		INMA STEEL FABRICATORS COMPANY LIMITED	KSA

SAUDI ARAMCO MOBIL REFINERY COMPANY LTD.

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.19	HEAT EXCHANGER, SHELL AND TUBE, CARBON STEEL	LARSEN AND TOUBRO LIMITED WORKS SAKI VIHAR ROAD POWAI	INDIA
		OLAYAN DESCON ENGINEERING COMPANY	KSA
		GULF STEEL WORKS	KSA
		BELLELI ENERGY SRL	ITALY
		HANS LEFFER GMBH AND CO KG STAHL UND APPARATEBAU	GERMANY
		LOINTEK	SPAIN
		ALFA LAVAL OLM SPA	ITALY
		ALSTOM POWER ENERGY RECOVERY GMBH	GERMANY
		OFFICINE LUIGI RESTA S.P.A.	ITALY
		KAWASAKI HEAVY INDUSTRIES LTD HARIMA WORKS	JAPAN
		HUGHES-ANDERSON HEAT	USA
		OHMSTEDE LTD.	USA
		OHMSTEDE, LTD.	USA
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		BREMBANE AND ROLLE	ITALY
		BHI CO LTD HAMAN PLANT	KSA
		FBM-KNM FZCO	UAE
		BREMBANA AND ROLLE SRL	ITALY
		KOCH HEAT TRANSFER COMPANY SRL	ITALY
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	KSA
		DAEKYUNG MACHINERY & ENGINEERING CO LTD	S. KOREA
		SICES SPA IMPLANTI INDUSTRIALI	ITALY
		VRV SPA	ITALY
		FUNKE GMBH SHELL TUBE AND PLATE HEAT EXCHANGER	GERMANY
		VDL KTI NV	BELGIUM
		WELLMAN HUNT GRAHAM	UK
		DKT CO LTD	S. KOREA
		VILLA AND BONALDI SPA	ITALY
		HEMACO	ITALY
MISA	KSA		
DELLER	GERMANY		
WELDERS NV	BELGIUM		
CTCI MACHINERY CORPORATION	TAIWAN		
ETTORE ZANON SPA	ITALY		
ARABIAN GULF METAL FACTORY	KSA		
14.20	HEAT EXCHANGE; BRAZED ALUMINUM	LINDE AG ENGINEER DIVISION SCHALCHEN PLANT	GERMANY
		CHART ENERGY AND CHEMICALS	USA
		FIVES CRYO SA	FRANCE
		CHART ENERGY AND	USA
		KOBE STEEL LIMITED TAKASAGO EQUIPMENT PLANT VESSEL	JAPAN
14.21	HEAT EXCHANGER; THERMAL DESIGN, RE-RATE	DYNAMIC ENERGY ENGINEERING SERVICES	KSA
14.22	TUBE BUNDLE; TWISTED TUBE TYPE, HEAT	KOCH HEAT TRANSFER CO LP	USA
		KOCH HEAT TRANSFER COMPANY SRL	ITALY
		ARABIAN CBI TANK MANUFACTURING COMPANY LIMITED	KSA
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		GEYAD FACTORY FOR PRESSURE VESSELS AND STEEL STRUCTURES	KSA
		INMA STEEL FABRICATORS COMPANY LIMITED	KSA
		AL-KHODARI HEAVY INDUSTRIES (KHI)	KSA
		AL-KHODARI HEAVY INDUSTRIES (KHI)	KSA
		METSCCO STEEL CONST. COMPANY LIMITED	KSA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.23	TANK; CYLINDRICAL; STEEL	OLAYAN DESCON ENGINEERING COMPANY	KSA
		YANBU STEEL COMPANY	KSA
		GULF STEEL WORKS	KSA
		KUWAIT PIPE INDUSTRIES AND OIL SERV JOHN PICKLE MIDDE EAST	KUWAIT
		HIDADA COMPANY LIMITED	KSA
		HIDADA COMPANY LIMITED	KSA
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	KSA
		THE PETROLEUM PROJECTS AND TECHNICA CONSULTATIONS CO. (PETROJET)-IDKU W	EGYPT
		THE PETROLEUM PROJECTS AND TECHNICA CONSULTATIONS CO. (PETROJET)-KATTAM	EGYPT
		ROTARY ENGINEERING LIMITED	SINGAPORE
		ABJ ENGINEERING AND CONTRACTING COMPANY. (KSC)	KUWAIT
		BEMCO STEEL INDUSTRIES CO. LTD.	KSA
		HESHAM HELAL AL SEWEDY AND PARTNERS FOR STEEL INDUSTRIAL CO. LTD.	KSA
PETROL STEEL CO. LTD.	KSA		
14.24	TANK; ATMOSPHERIC PRESSURE	mitsubishi heavy industries limited HIROSHIMA MACHINERY WORKS	JAPAN
		ARABIAN CBI TANK MANUFACTURING COMPANY LIMITED	KSA
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		GEYAD FACTORY FOR PRESSURE VESSELS AND STEEL STRUCTURES	KSA
		AL-KHODARI HEAVY INDUSTRIES (KHI)	KSA
		METSCCO STEEL CONST. COMPANY LIMITED	KSA
		OLAYAN DESCON ENGINEERING COMPANY	KSA
		YANBU STEEL COMPANY	KSA
		GULF STEEL WORKS	KSA
		HIDADA COMPANY LIMITED	KSA
		ROTARY ENGINEERING LIMITED	SINGAPORE
		BEMCO STEEL INDUSTRIES CO. LTD.	KSA
		PETROL STEEL CO. LTD.	KSA
14.25	TANK; DOME ROOF, ALUMINUM	CST COVERS	USA
		VACONO ALUMINIUM COVERS GMBH	GERMANY
14.26	TANK, WASTE WATER ALL WASTE WATER	AES ARABIA LIMITED	KSA
		AL-KHODARI HEAVY INDUSTRIES (KHI)	KSA
		VEOLIA WATER SOLUTIONS AND TECHNOLO SAUDI-INDUSTRIES LTD	KSA
		WATER AND ENVIRONMENT TECHNOLOGIES CO. LTD.	KSA
		SIEMENS ENERGY, Inc.	USA
		METITO OVERSEAS LTD	UAE
		WESTECH ENGINEERING INCORPORATED	USA
ABJ ENGINEERING AND CONTRACTING COMPANY. (KSC)	KUWAIT		
14.27	TANK; FIBER GLASS	AMIANITIT FIBERGLASS INDUSTRIES LIMITED	KSA
		PLASTICON BV	NETEHRLANDS
		CASALS CARDONA INDUSTRIAL SA TECNIM	SPAIN
		OLLEARIS	SPAIN
		FBM HUDSON ITALIANA SPA	ITALY
		INDUSTRIE MECCANICHE SCARDELLATO SP	ITALY
		AES ARABIA LIMITED	KSA
		ARABIAN CBI TANK MANUFACTURING COMPANY LIMITED	KSA
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		GEYAD FACTORY FOR PRESSURE VESSELS AND STEEL STRUCTURES	KSA
		INMA STEEL FABRICATORS COMPANY LIMITED	KSA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.28	VESSEL; PRES.; MAX. WALL THK OF 19 MM	OLAYAN DESCON ENGINEERING COMPANY	KSA
		YANBU STEEL COMPANY	KSA
		SAUDI ARABIAN FABRICATED METALS INDUSTRY LIMITED (SAFAMI)	KSA
		GULF STEEL WORKS	KSA
		HANS LEFFER GMBH AND CO KG STAHL UND APPARATEBAU	GERMANY
		HYUNDAI HEAVY INDUSTRIES CO LTD ULSAN PLANT (MECHANICAL)	S. KOREA
		SUMITOMO HEAVY INDUSTRIES, LTD. EHIME WORKS - SAJO FACTORY	JAPAN
		SAUDER CUSTOM FABRICATION INC.	USA
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		BREMBANE AND ROLLE	ITALY
		KUWAIT PIPE INDUSTRIES AND OIL SERV JOHN PICKLE MIDDE EAST	KUWAIT
		HIDADA COMPANY LIMITED	S. KOREA
		G AND G INTERNATIONAL NV	BELGIUM
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	S. KOREA
		SCHWARTZ HAUMONT CMSA	SPAIN
		HITACHI ZOSEN CORPORATION ARIAKE WORKS	JAPAN
		CIMTAS CELIK IMALAT MONTAJ VE TESIS	TURKEY
		LARSEN AND TOUBRO LIMITED HAZIRA WORK SHOP	INDIA
		THE PETROLEUM PROJECTS AND TECHNICA CONSULTATIONS CO. (PETROJET)-KATTAM	EGYPT
		SICES SPA IMPLANTI INDUSTRIALI	ITALY
		FELGUERA CALDERERIA PESADA SA	SPAIN
		VDL KTI NV	BELGIUM
		IDESA	SPAIN
		ABJ ENGINEERING AND CONTRACTING COMPANY. (KSC)	KUWAIT
		NATCO AL-RUSHAID MIDDLE EAST LTD	KSA
		JMC HEAVY INDUSTRIES CO LTD GUNSAN FACTORY	S. KOREA
		DOOSAN HEAVY INDUSTRIES VIETNAM CO	VIETNAM
		JIANGSU SUNPOWER JIANGBEI PLANT	CHINA
NASH ENGINEERING FZCO	UAE		
		FBM HUDSON ITALIANA SPA	ITALY
		INDUSTRIE MECCANICHE SCARDELLATO SP	ITALY
		WARNER LEWIS INDUSTRIE FILTER GMBH	GERMANY
		ARABIAN CBI TANK MANUFACTURING COMPANY LIMITED	KSA
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		INMA STEEL FABRICATORS COMPANY LIMITED	KSA
		OLAYAN DESCON ENGINEERING COMPANY	KSA
		YANBU STEEL COMPANY	KSA
		SAUDI ARABIAN FABRICATED METALS INDUSTRY LIMITED (SAFAMI)	KSA
		GULF STEEL WORKS	KSA
		HANS LEFFER GMBH AND CO KG STAHL UND APPARATEBAU	GERMANY
		ALFA LAVAL OLM SPA	ITALY
		HYUNDAI HEAVY INDUSTRIES CO LTD ULSAN PLANT (MECHANICAL)	S. KOREA
		IHI CORPORATION YOKOHAMA NO. 1 WORKS	JAPAN
		THE JAPAN STEEL WORKS LTD MURORAN PLANT	JAPAN
		KOBE STEEL LIMITED ROTATING MACHINERY PLANT COMPRESSOR	JAPAN

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.29	VESSEL; PRESSURE.; WALL THK OF 38 MM	SUMITOMO HEAVY INDUSTRIES, LTD. EHIME WORKS - SAJO FACTORY	JAPAN
		GENERAL WELDING WORKS INCORPORATED	USA
		SAUDER CUSTOM FABRICATION INC.	USA
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		BREMBANE AND ROLLE	ITALY
		KUWAIT PIPE INDUSTRIES AND OIL SERV JOHN PICKLE MIDDE EAST	KUWAIT
		FBM-KNM FZCO	UAE
		WALTER TOSTO SPA	ITALY
		G AND G INTERNATIONAL NV	BELGIUM
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	KSA
		SCHWARTZ HAUMONT CMSA	SPAIN
		HITACHI ZOSEN CORPORATION ARIAKE WORKS	JAPAN
		CIMTAS CELIK IMALAT MONTAJ VE TESIS	TURKEY
		LARSEN AND TOUBRO LIMITED HAZIRA WORK SHOP	INDIA
		THE PETROLEUM PROJECTS AND TECHNICA CONSULTATIONS CO. (PETROJET)-KATTAM	EGYPT
		SICES SPA IMPLANTI INDUSTRIALI	ITALY
		FELGUERA CALDERERIA PESADA SA	SPAIN
		VDL KTI NV	BELGIUM
		IDESA	SPAIN
		ABJ ENGINEERING AND CONTRACTING COMPANY. (KSC)	KUWAIT
		NATCO AL-RUSHAID MIDDLE EAST LTD	KSA
JMC HEAVY INDUSTRIES CO LTD GUNSAN FACTORY	S. KOREA		
DOOSAN HEAVY INDUSTRIES VIETNAM CO	VIETNAM		
JIANGSU SUNPOWER JIANGBEI PLANT	CHINA		
NASH ENGINEERING FZCO	UAE		
14.30	VESSEL; PRESSURE; HIGH ALLOY; NON FERROUS	FBM HUDSON ITALIANA SPA	ITALY
		INDUSTRIE MECCANICHE SCARDELLATO SP	ITALY
		WARNER LEWIS INDUSTRIE FILTER GMBH	GERMANY
		ATB RIVA CALZONI SPA	ITALY
		LINDE AG ENGINEER DIVISION SCHALCHEN PLANT	GERMANY
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		INMA STEEL FABRICATORS COMPANY LIMITED	KSA
		LARSEN AND TOUBRO LIMITED WORKS SAKI VIHAR ROAD POWAI	INDIA
		OLAYAN DESCON ENGINEERING COMPANY	KSA
		HANS LEFFER GMBH AND CO KG STAHL UND APPARATEBAU	GERMANY
		ALFA LAVAL OLM I SPA	ITALY
		IHI CORPORATION YOKOHAMA NO. 1 WORKS	JAPAN
		THE JAPAN STEEL WORKS LTD MURORAN PLANT	JAPAN
		KAWASAKI HEAVY INDUSTRIES LTD HARIMA WORKS	JAPAN
		KOBE STEEL LIMITED ROTATING MACHINERY PLANT COMPRESSOR	JAPAN
		TAIYO NIPPON SAN SO CORPORATION KEIHIN FACTORY	JAPAN
		SUMITOMO HEAVY INDUSTRIES, LTD. EHIME WORKS - SAJO FACTORY	S. KOREA
		GENERAL WELDING WORKS INCORPORATED	USA
		SAUDER CUSTOM FABRICATION INC.	USA
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		BREMBANE AND ROLLE	ITALY
		KUWAIT PIPE INDUSTRIES AND OIL SERV JOHN PICKLE MIDDE EAST	KUWAIT
		HIDADA COMPANY LIMITED	KUWAIT



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		WALTER TOSTO SPA	ITALY
		G AND G INTERNATIONAL NV	BELGIUM
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	KSA
		SCHWARTZ HAUMONT CMSA	SPAIN
		HITACHI ZOSEN CORPORATION ARIAKE WORKS	JAPAN
		CIMTAS CELIK IMALAT MONTAJ VE TESIS	TURKEY
		LARSEN AND TOUBRO LIMITED HAZIRA WORK SHOP	INDIA
		SICES SPA IMPLANTI INDUSTRIALI	ITALY
		FELGUERA CALDERERIA PESADA SA	SPAIN
		VDL KTI NV	BELGIUM
		GAM OIL AND GAS SPA	ITALY
		IDESA	SPAIN
		ABJ ENGINEERING AND CONTRACTING COMPANY. (KSC)	KUWAIT
		JIANGSU SUNPOWER TECHNOLOGY CO LTD	CHINA
		JMC HEAVY INDUSTRIES CO LTD GUNSAN FACTORY	S. KOREA
		DOOSAN HEAVY INDUSTRIES VIETNAM CO	VIETNAM
		FBM HUDSON ITALIANA SPA	ITALY
		INDUSTRIE MECCANICHE SCARDELLATO SP	ITALY
		ATB RIVA CALZONI SPA	ITALY
		ARABIAN CBI TANK MANUFACTURING COMPANY LIMITED	KSA
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		INMA STEEL FABRICATORS COMPANY LIMITED	KSA
		LARSEN AND TOUBRO LIMITED WORKS SAKI VIHAR ROAD POWAI	INDIA
		OLAYAN DESCON ENGINEERING COMPANY	KSA
		HANS LEFFER GMBH AND CO KG STAHL UND APPARATEBAU	GERMANY
		ALFA LAVAL OLM SPA	ITALY
		HYUNDAI HEAVY INDUSTRIES CO LTD ULSAN PLANT (MECHANICAL)	S. KOREA
		IHI CORPORATION YOKOHAMA NO. 1 WORKS	JAPAN
		THE JAPAN STEEL WORKS LTD MURORAN PLANT	JAPAN
		KAWASAKI HEAVY INDUSTRIES LTD HARIMA WORKS	JAPAN
		KOBE STEEL LIMITED ROTATING MACHINERY PLANT COMPRESSOR	JAPAN
		SUMITOMO HEAVY INDUSTRIES, LTD. EHIME WORKS - SAJO FACTORY	JAPAN
		GENERAL WELDING WORKS INCORPORATED	USA
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		BREMBANE AND ROLLE	ITALY
		KUWAIT PIPE INDUSTRIES AND OIL SERV JOHN PICKLE MIDDE EAST	KUWAIT
		WALTER TOSTO SPA	ITALY
		G AND G INTERNATIONAL NV	BELGIUM
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	KSA
		SCHWARTZ HAUMONT CMSA	SPAIN
		HITACHI ZOSEN CORPORATION ARIAKE WORKS	JAPAN
		CIMTAS CELIK IMALAT MONTAJ VE TESIS	TURKEY
		LARSEN AND TOUBRO LIMITED HAZIRA WORK SHOP	INDIA
		THE PETROLEUM PROJECTS AND TECHNICA CONSULTATIONS CO. (PETROJET)-KATTAM	EGYPT
		SICES SPA IMPLANTI INDUSTRIALI	ITALY
		FELGUERA CALDERERIA PESADA SA	SPAIN
14.31	VESSEL;PRESSURE.;CS;WALL THK FROM 38 TO 76MM		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		GAM OIL AND GAS SPA	ITALY
		IDESA	SAPIN
		ABJ ENGINEERING AND CONTRACTING COMPANY. (KSC)	KUWAIT
		JMC HEAVY INDUSTRIES CO LTD GUNSAN FACTORY	S. KOREA
		DOOSAN HEAVY INDUSTRIES VIETNAM CO	VIETNAM
		NASH ENGINEERING FZCO	UAE
14.32	VESSEL;PRESSURE;CS;WALL THK MORE THAN 76 MM	INDUSTRIE MECCANICHE SCARDELLATO SP	ITALY
		ATB RIVA CALZONI SPA	ITALY
		ARABIAN CBI TANK MANUFACTURING COMPANY LIMITED	KSA
		BILFAL HEAVY INDUSTRIES LTD.	KSA
		LARSEN AND TOUBRO LIMITED WORKS SAKI VIHAR ROAD POWAI	INDIA
		HANS LEFFER GMBH AND CO KG STAHL UND APPARATEBAU	GERMANY
		ALFA LAVAL OLMI SPA	ITALY
		OFFICINE LUIGI RESTA S.P.A.	ITALY
		HYUNDAI HEAVY INDUSTRIES CO LTD ULSAN PLANT (MECHANICAL)	S. KOREA
		IHI CORPORATION YOKOHAMA NO. 1 WORKS	JAPAN
		THE JAPAN STEEL WORKS LTD MURORAN PLANT	JAPAN
		KAWASAKI HEAVY INDUSTRIES LTD HARIMA WORKS	JAPAN
		KOBE STEEL LIMITED ROTATING MACHINERY PLANT COMPRESSOR	JAPAN
		SUMITOMO HEAVY INDUSTRIES, LTD. EHIME WORKS - SAJO FACTORY	JAPAN
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		BREMBANE AND ROLLE	ITALY
		KUWAIT PIPE INDUSTRIES AND OIL SERV JOHN PICKLE MIDDE EAST	KUWAIT
		WALTER TOSTO SPA	ITALY
		G AND G INTERNATIONAL NV	BELGIUM
		DOOSAN ENGINEERING AND CONSTRUCTION CO LTD	S. KOREA
		GODREJ AND BOYCE MANUFACTURING CO L	INDIA
		ZAMIL STEEL INDUSTRIES STRUCTURAL STEEL DIV.	KSA
		SCHWARTZ HAUMONT CMSA	SPAIN
		HITACHI ZOSEN CORPORATION ARIAKE WORKS	JAPAN
		CIMTAS CELIK IMALAT MONTAJ VE TESIS	TURKEY
		LARSEN AND TOUBRO LIMITED HAZIRA WORK SHOP	INDIA
		SICES SPA IMPLANTI INDUSTRIALI	ITALY
		FELGUERA CALDERERIA PESADA SA	SPAIN
		IDESA	SPAIN
		CHINA FIRST HEAVY INDUSTRIES DALIAN HYDROGENATION REACTOR CO LTD	CHINA
14.33	FIXED BED REACTOR (V-MODIFIED 2 1/4 Cr-1Mo-1/4V)STEEL	LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA, HAZIRA
		ATB RIVA CALZONI	ITALY, PORTO MARGHERA
		BELLELI CPE S.R.L	ITALY, MANTONA
		GE OIL & GAS / NUOVO PIGNONE	ITALY, FLORENCE
		WALTER TOSTO SPA	ITALY, CHIETI SCALO
		JAPAN STEEL WORKS	JAPAN, MURORAN
		KOBE STEEL	JAPAN, TAKASAGO
		DACRO INDUSTRIES Inc.-3"(75MM) Max	CANADA, EDMONTO AB
		HASON STEEL 2"(50MM) Max.	CANADA, BERTHIERVILLE. QB
		Th. WINKELS GmbH & Co. KG	GERMANY, KLEVE
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA, HAZIRA/POWAI
		ATB RIVA CALZONI	ITALY, PORTO MARGHERA
		BELLELI CPE S.R.L	ITALY, MANTONA

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.34	FIXED BED REACTOR (LOW ALLOY, Cr-Mo STEEL)	MANGIAROTTI S.P.A	ITALY, PORTO NOGARO, PANELLIA
		GE OIL & GAS / NUOVO PIGNONE	ITALY, FLORENCE
		SICES	ITALY, LONATE CEPPINO
		WALTER TOSTO SPA	ITALY, CHIETI SCALO
		HITACHI ZOSEN	JAPAN, ARIAKE
		JAPAN STEEL WORKS	JAPAN, MURORAN
		KOBE STEEL	JAPAN, TAKASAGO
		TOKKI CORPORATION- 2"(50MM) Max	JAPAN, YAMAGUCHI
		RISCA INDUSTRIAL- 2"(50MM) Max	MEXICO, QUERETARO
		FELGUERA CALDERERIA PESADA SA	SPAIN, GIJON
		IDESA, INGENIERIA Y DISENO EUROPEO S.A.	SPAIN, AVILES
		GENERAL WELDING- 2"(50MM) Max	USA, HOUSTON, TX
		CONTRACT FABRICATORS- 2"(50MM) Max	USA, HOLLY SPRING, MS
		HIS- 2"(50MM) Max	USA, TULSA, OK
		BENICIA FABRICATION & MACHINE- 2"(50MM) Max	USA, BENICIA, CA
14.35	FIXED BED REACTOR (CARBON STEEL)	HASON STEEL 3"(75MM) Max.	CANADA (Berthierville, QC)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		RISCA INDUSTRIAL – 3" (75MM) MAX	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		FREEPORT WELDING	USA (Freeport, TX)
		GENERAL WELDING	USA (Houston, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
HSI	USA (Tulsa, OK)		
BENICIA FABRICATION AND MACHINE – 3" (75MM) MAX	USA (Benicia, CA)		
14.36	FIXED BED REACTOR (AUSTENITIC STAINLESS STEEL)	HASON STEEL – 2" (50MM) MAX	CANADA (Berthierville, QC)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		WALTER TOSTO S.P.A.	ITALY (Chieti Scalo)
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		RISCA INDUSTRIAL – 2" (50MM) MAX	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		GENERAL WELDING – 2" (50MM) MAX	USA (Houston, TX)
		CONTRACT FABRICATORS – 2" (50MM) MAX	USA (Holly Spring, MS)
		HSI – 2" (50MM) MAX	USA (Tulsa, OK)
		BENICIA FABRICATION AND MACHINE – 2" (50MM) MAX	USA (Benicia, CA)
14.37	FIXED BED REACTOR INTERNALS	LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		B.M.C. SRI	ITALY
		COSTACURTA S.P.A.	ITALY
		KOCH-GLITSCH	ITALY
		WELD FAB TECHNO	JAPAN
		NAGAOKA, INTEMATION	JAPAN
		FARMER'S MARINE COPPER WORKS, INC.	USA
		SULZER CHEMTECH	SINGAPORE
		RCR STELFORM PTE LTD	AUSTRALIA (NSW)
		BAIPINI ENGINEERING PTE LTD (CARBON STEEL ONLY)	AUSTRALIA (NSW)

SAUDI ARAMCO MOBIL REFINERY COMPANY LTD.

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.38	DRUMS – SMALL TO MEDIUM DIAMETER < 14' (4.2M) :- CARBON STEEL & CLAD CARBON STEEL (< 2" (50MM) THICK)	FUSION-WELD ENGINEERING PTE LTD	AUSTRALIA (Victoria)
		ELLIMETAL	BELGIUM
		G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL	CANADA (Berthierville, QC)
		INDUSTRIES VALTECH – 1.5" (38MM) MAX	CANADA (Valleyfield, QC)
		AKER SOLUTIONS CANADA INC.	CANADA
		TH. WINKELS GMBH & CO. KG	GERMANY (Kleve)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		BREMBANA	ITALY
		GRANZIERO (CARBON STEEL ONLY)	ITALY
		SICES	ITALY (Lonate Ceppino)
		WALTER TOSTO	ITALY
		KURE KOGYO CO LTD	JAPAN (Tokyo)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		JUTASAMA SDN BHD	MALAYSIA
		RISCA INDUSTRIAL	MEXICO (Queretaro)
		VEROLME	NETHERLANDS
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		ARSOPI	PORTUGAL
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		AZTECH HEAT EXCHANGER PTE LTD	SINGAPORE
		S & W HEAT EXCHANGERS PTE LTD	SINGAPORE
		DOOSAN MECATEC	S.KOREA (Changwan)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
		DAEBONG ACROTECH CO. LTD (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		DAECHANG HRSG CORPORATION (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		IL-SUNG CORPORATION (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		SUNGJIN GEOTEC (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		FELGUERA CALDERERIA PESADA SA	SPAIN (Gijon)
		IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN (Avilés)
		SLOT NANKAI	THAILAND (Cholburi)
		STRR (CARBON STEEL ONLY)	THAILAND (Rayong)
		BENDALLS ENGINEERING	UK (Carlisle)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		CUST-O-FAB	USA (Tulsa, OK)
		FREEPART WELDING	USA (Freeport, TX)
		BERRY FABRICATORS (CARBON STEEL ONLY)	USA (Corpus Christi, TX)
		GENERAL WELDING	USA (Houston, TX)
		CONTINENTAL FABRICATORS (CARBON STEEL ONLY)	USA (St. Louis, MO)
CONTRACT FABRICATORS	USA (Holly Spring, MS)		
HSI	USA (Tulsa, OK)		
PALA INTERSTATE	USA (Baton Rouge, LA)		
VOLKS	USA (Baton Rouge, LA)		
ODOM INDUSTRIES	USA (Milford, OH)		
BENICIA FABRICATION AND MACHINE	USA		

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.39	DRUMS – SMALL TO MEDIUM DIAMETER < 14’ (4.2M) :- CARBON STEEL & CLAD CARBON STEEL (> 2” (50MM) THICK)	FUSION-WELD ENGINEERING PTE LTD (CARBON STEEL ONLY)	AUSTRALIA (Victoria)
		ELLIMETAL	BELGIUM
		G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL – 3” (75MM) MAX	CANADA (Berthierville, QC)
		TH. WINKELS GMBH & CO. KG	GERMANY (Kleve)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		BREMBANA	ITALY
		SICES	ITALY (Lonate Ceppino)
		WALTER TOSTO	ITALY
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroan)
		KOBE STEEL	JAPAN (Takasago)
		KURE KOGYO CO LTD (CARBON STEEL ONLY)	JAPAN (Tokyo)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		JUTASAMA SDN BHD (CARBON STEEL ONLY)	MALAYSIA (Selangor)
		RISCA INDUSTRIAL – 3” (75MM) MAX	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		S & W HEAT EXCHANGERS PTE LTD (CARBON STEEL ONLY)	SINGAPORE
		DOOSAN MECATEC	S.KOREA (Changwan)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
		SUNGJIN GEOTEC (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		FELGUERA CALDERERIA PESADA SA	SPAIN (Gijon)
		IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN (Avilés)
		SLOT NANKAI (CARBON STEEL ONLY)	THAILAND (Cholburi)
		BENDALLS ENGINEERING	UK (Carlisle)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		FREEPOR T WELDING	USA (Freeport, TX)
		GENERAL WELDING	USA (Houston, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
		HSI	USA (Tulsa, OK)
		BENICIA FABRICATION AND MACHINE – 3” (75MM) MAX	USA
		RCR STELFORM PTE LTD	AUSTRALIA (NSW)
		FUSION-WELD ENGINEERING PTE LTD	AUSTRALIA (Victoria)
		ELLIMETAL	BELGIUM
		HASON STEEL	CANADA (Berthierville, QC)
		INDUSTRIES VALTECH	CANADA (Valleyfield, QC)
		AKER SOLUTIONS CANADA INC.	CANADA
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		BREMBANA	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)
		ZANON	ITALY
		KURE KOGYO CO LTD	JAPAN (Tokyo)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		JUTASAMA SDN BHD	MALAYSIA (Selangor)
		RISCA INDUSTRIAL	MEXICO (Queretaro)

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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.40	DRUMS – SMALL TO MEDIUM DIAMETER < 14' (4.2M) AUSTENITIC STAINLESS STEEL (< 2" (50MM) THICK)	VEROLME	NETHERLANDS
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		ARSOPI	PORTUGAL
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		AZTECH HEAT EXCHANGER PTE LTD	SINGAPORE
		S & W HEAT EXCHANGERS PTE LTD	SINGAPORE
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
		SLOT NANKAI	THAILAND (Cholburi)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		FREEPOR WELDING	USA (Freeport, TX)
		GENERAL WELDING	USA (Houston, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
		HSI	USA (Tulsa, OK)
		PALA INTERSTATE	USA (Baton Rouge, LA)
VOLKS	USA (Baton Rouge, LA)		
BENICIA FABRICATION AND MACHINE	USA		
14.41	DRUMS – SMALL TO MEDIUM DIAMETER < 14' (4.2M) AUSTENITIC STAINLESS STEEL (>2" (50MM) THICK)	LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		BREMBANA	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)
		ZANON	ITALY
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		DOOSAN MECATECH	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
14.42	DRUMS – LARGE DIAMETER > 14' (4.2M) CARBON STEEL & CLAD CARBON STEEL (< 2" (50MM) THICK)	G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL	CANADA (Berthierville, QC)
		INDUSTRIES VALTECH – 1.5" (38MM) MAX	CANADA (Valleyfield, QC)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)
		SICES	ITALY (Lonate Ceppino)
		WALTER TOSTO	ITALY
		KURE KOGYO CO LTD	JAPAN (Tokyo)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		JUTASSAMA SDN BHD (CARBON STEEL ONLY)	MALAYSIA
		RISCA INDUSTRIAL	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		ARSOPI	PORTUGAL
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		AZTECH HEAT EXCHANGER PTE LTD (CARBON STEEL ONLY)	SINGAPORE
		S & W HEAT EXCHANGERS PTE LTD	SINGAPORE
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
DAEBONG ACROTECH CO. LTD (CARBON STEEL ONLY) S	KOREA (Ulsan)		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		DAECHANG HRSG CORPORATION (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		IL-SUNG CORPORATION (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		SUNGJIN GEOTEC (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		FELGUERA CALDERERIA PESADA SA	SPAIN (Gijon)
		IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN (Avilés)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		CUST-O-FAB	USA (Tulsa, OK)
		FREEPART WELDING	USA (Freeport, TX)
		BERRY FABRICATORS (CARBON STEEL ONLY)	USA (Corpus Christi, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
		HSI	USA (Tulsa, OK)
		BENICIA FABRICATION AND MACHINE	USA
		14.43	DRUMS – LARGE DIAMETER > 14’ (4.2M) CARBON STEEL & CLAD CARBON STEEL (> 2” (50MM) THICK)
LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)		
ATB	ITALY		
MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)		
SICES	ITALY (Lonate Ceppino)		
WALTER TOSTO	ITALY		
HITACHI ZOSEN	JAPAN (Ariake)		
JAPAN STEEL WORKS	JAPAN (Muroran)		
KOBE STEEL	JAPAN (Takasago)		
TOKKI CORPORATION	JAPAN (Yamaguchi)		
LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)		
DOOSAN MECATEC	S.KOREA (Changwan)		
SEWON CELLONTECH	S.KOREA (Changwon)		
DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)		
FELGUERA CALDERERIA PESADA SA	SPAIN (Gijon)		
IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN (Avilés)		
VESSEL TECHNOLOGY	USA (Longview, TX)		
FREEPART WELDING	USA (Freeport, TX)		
CONTRACT FABRICATORS	USA (Holly Spring, MS)		
HSI	USA (Tulsa, OK)		
14.44	DRUMS – LARGE DIAMETER > 14’ (4.2M) AUSTENITIC STAINLESS STEEL (< 2” (50MM) THICK)	HASON STEEL	CANADA (Berthierville, QC)
		INDUSTRIES VALTECH	CANADA (Valleyfield, QC)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)
		SICES	ITALY (Lonate Ceppino)
		WALTER TOSTO	ITALY
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		KURE KOGYO CO LTD	JAPAN (Tokyo)
		JUTASAMA SDN BHD	MALAYSIA (Selangor)
		RISCA INDUSTRIAL	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC OMAN (SOHAR)	OMAN (Sohar)
		ARSOPI	PORTUGAL
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		AZTECH HEAT EXCHANGER PTE LTD	SINGAPORE
		S & W HEAT EXCHANGERS PTE LTD	SINGAPORE
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)		
DAEBONG ACROTECH CO. LTD	S.KOREA (Ulsan)		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		DAECHANG HRSH CORPORATION	S.KOREA (Ulsan)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		FREEPORT WELDING	USA (Freeport, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
		HSI	USA (Tulsa, OK)
		BENICIA FABRICATION AND MACHINE	USA
14.45	DRUMS – LARGE DIAMETER > 14' (4.2M) AUSTENITIC STAINLESS STEEL (> 2" (50MM) THICK)	LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		MANGIAROTTI S.P.A.	ITALY
		SICES	ITALY (Lonate Ceppino)
		WALTER TOSTO	ITALY
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
14.46	TOWERS – SMALL TO MEDIUM DIAMETER < 14' (4.2M) CARBON STEEL & CLAD CARBON STEEL (< 2" (50MM) THICK)	ELLIMETAL	BELGIUM
		G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL	CANADA
		INDUSTRIES VALTECH – 1.5" (38MM) MAX	CANADA
		AKER SOLUTIONS CANADA INC.	CANADA
		TH. WINKELS GMBH & CO. KG	GERMANY
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA
		BREMBANA	ITALY
		MANGIAROTTI S.P.A.	ITALY
		SICES	ITALY
		WALTER TOSTO	ITALY
		TOKKI CORPORATION	JAPAN
		KURE KOGYO CO LTD (CARBON STEEL ONLY)	JAPAN
		RISCA INDUSTRIAL	MEXICO
		VEROLME	NETHERLANDS
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		ARSOPI	PORTUGAL
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		ILSUNG (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		DAEKYUNG MACHNERY & ENGINEERING CO. LTD	S.KOREA (Ulsan)
		SEWON CELLONTECH	S.KOREA (Ulsan)
		SUNGJIN GEOTEC (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		FELGUERA CALDERERIA PESADA SA	SPAIN
		DOOSAN MECATEC	S.KOREA
		IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN
		SLOT NANKAI	THAILAND
		BENDALLS ENGINEERING	UK
		VESSEL TECHNOLOGY	USA, LONGVIEW, TX
		CUST-O-FAB	USA, TULSA, OK
		FREEPORT WELDING	USA, FREEPORT, TX
		BERRY FABRICATORS (CARBON STEEL ONLY)	USA, CORPUS, TX
		GENERAL WELDING	USA, HOUSTON, TX
		CONTINENTAL FABRICATORS (CARBON STEEL ONLY)	USA, ST. LOUIS, MO
CONTRACT FABRICATORS	USA, HOLYSRING, MS		
HSI	USA, TULSA, OK		

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No.	Materials	Manufacturer/Company Name.	Country/State Name
		PALA INTERSTATE	USA, BATON ROUGE, LA
		VOLKS	USA, BATON ROUGE, LA
		ODOM INDUSTRIES (CARBON STEEL ONLY)	USA, MILFORD, OH
		BENICIA FABRICATION AND MACHINE	USA, BENICIA, CA
14.47	TOWERS – SMALL TO MEDIUM DIAMETER < 14' (4.2M):-CARBON STEEL & CLAD/WELD OVERLAY (> 2" (50MM) THICK)	ELLIMETAL	BELGIUM
		G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL	CANADA
		TH. WINKELS GMBH & CO. KG	GERMANY
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA
		BREMBANA	ITALY
		MANGIAROTTI S.P.A.	ITALY
		SICES	ITALY
		WALTER TOSTO	ITALY
		HITACHI ZOSEN	JAPAN
		JAPAN STEEL WORKS	JAPAN
		KOBE STEEL	JAPAN
		RISCA INDUSTRIAL – 3" (75MM) MAX	MEXICO
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		ILSUNG (CARBON STEEL ONLY)	S. KOREA
		DOOSAN MECATEC	S. KOREA
		SEWON CELLONTECH	S. KOREA
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S. KOREA
		SUNGJIN GEOTEC (CARBON STEEL ONLY)	S. KOREA
		FELGUERA CALDERERIA PESADA SA	SPAIN
		IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN
		SLOT NANKAI (CARBON STEEL ONLY)	THAILAND
		BENDALLS ENGINEERING	UK
		VESSEL TECHNOLOGY	USA, LONGVIEW, TX
		FREEMPORT WELDING	USA, FREEMPORT, TX
		GENERAL WELDING	USA, HOUSTON, TX
		CONTRACT FABRICATORS	USA, HOLLY SPRING, MS
		HSI	USA, TULSA, OK
		BENICIA FABRICATION AND MACHINE – 3" (75MM) MAX	USA
14.48	TOWERS – SMALL TO MEDIUM DIAMETER < 14' (4.2M):-AUSTENITIC STAINLESS STEEL (< 2" (50MM) THICK)	ELLIMETAL	BELGIUM
		G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL	CANADA
		INDUSTRIES VALTECH	CANADA
		AKER SOLUTIONS CANADA INC.	CANADA
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA
		BREMBANA	ITALY
		LUIGI RESTA	ITALY
		MANGIAROTTI S.P.A.	ITALY
		SICES	ITALY
		WALTER	ITALY
		ZANON	ITALY
		TOKKI CORPORATION	JAPAN
		RISCA	MEXICO
		VEROLME	NETHERLANDS
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		ARSOPI	PORTUGAL
		APPLIED ENGINEERING PTE LTD	SINGAPORE
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)



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		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan)
		SLOT NANKAI	THAILAND (Cholburi)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		FREEPART WELDING	USA (Freeport, TX)
		GENERAL WELDING	USA (Houston, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
		HSI USA	(Tulsa, OK)
		PALA INTERSTATE	USA (Baton Rouge, LA)
		VOLKS	USA (Baton Rouge, LA)
		BENICIA FABRICATION AND MACHINE	USA
14.49	TOWERS – SMALL TO MEDIUM DIAMETER < 14’ (4.2M):-AUSTENITIC STAINLESS STEEL (> 2” (50MM) THICK)	LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		LUIGI RESTA	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto
		NUOVO PIGNONE	ITALY
		ZANON	ITALY
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan)		
14.50	TOWERS – LARGE DIAMETER > 14’ (4.2M):- CARBON STEEL & CLAD CARBON STEEL (< 2” (50MM) THICK)	G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL	CANADA (Berthierville, QC)
		INDUSTRIES VALTECH – 1.5” (38MM) MAX	CANADA (Valleyfield, QC)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)
		SICES	ITALY (Lonate Ceppino)
		WALTER	Tosto ITALY
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		TOKKI CORPRATION	JAPAN (Yamaguchi)
		RISCA INDUSTRIAL	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		ARSOPI	PORTUGAL
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
		SUNGJIN GEOTEC (CARBON STEEL ONLY)	S.KOREA (Ulsan)
		DOOSAN MECATEC	S.KOREA (Changwon)
		FELGUERA CALDERERIA PESADA	SPAIN (Gijon)
		IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN (Avilés)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		CUST-O-FAB	USA (Tulsa, OK)
		FREEPART WELDING	USA (Freeport, TX)
		BERRY FABRICATORS (CARBON STEEL ONLY)	USA (Corpus Christi, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
		HSI	USA (Tulsa, OK)
		BENICIA FABRICATION AND MACHINE	USA
		G&G INTERNATIONAL NV	BELGIUM
		HASON STEEL – 3” (75MM) MAX	CANADA (Berthierville, QC)



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No.	Materials	Manufacturer/Company Name.	Country/State Name
14.51	TOWERS – LARGE DIAMETER > 14’ (4.2M):- CARBON STEEL & CLAD CARBON STEEL (> 2” (50MM) THICK)	LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		MANGIAROTTI S.P.A.	ITALY (Porto Nogaro, Pannellia)
		SICES	ITALY (Lonate Ceppino)
		WALTER TOSTO	ITALY
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		TOKKI CORPORATION	JAPAN (Yamaguchi)
		SUMITOMO	JAPAN
		RISCA INDUSTRIAL – 3” (75MM) MAX	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
		FELGUERA CALDERERIA PESADA SA	SPAIN (Gijon)
		IDESA, INGENIERÍA Y DISEÑO EUROPEO S.A.	SPAIN (Avilés)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		FREEPART WELDING USA (FREEPART, TX)	USA (Freeport, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
HSI USA	(Tulsa, OK)		
BENICIA FABRICATION AND MACHINE – 3” (75MM) MAX	USA		
14.52	TOWERS – LARGE DIAMETER > 14’ (4.2M):- AUSTENITIC STAINLESS STEEL (< 2” (50MM) THICK)	HASON STEEL	CANADA (Berthierville, QC)
		INDUSTRIES VALTECH	CANADA (Valleyfield, QC)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)
		SICES	ITALY (Lonate Ceppino)
		WALTER TOSTO	ITALY
		HITACHI ZOSEN	JAPAN (Ariake)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		KOBE STEEL	JAPAN (Takasago)
		RISCA INDUSTRIAL	MEXICO (Queretaro)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		ARSOPI	PORTUGAL
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
		VESSEL TECHNOLOGY	USA (Longview, TX)
		FREEPART WELDING	USA (Freeport, TX)
		CONTRACT FABRICATORS	USA (Holly Spring, MS)
		HSI	USA (Tulsa, OK)
BENICIA FABRICATION AND MACHINE	USA		
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	INDIA (Powai/Hazira)
		ATB	ITALY
		MANGIAROTTI S.P.A.	ITALY (Milan, Porto Nogaro, Pannellia)
		SICES	ITALY (Lonate Ceppino)

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14.53	TOWERS – LARGE DIAMETER > 14' (4.2M):- AUSTENITIC STAINLESS STEEL (> 2" (50MM) THICK)	WALTER TOSTO	ITALY
		SUMITOMO	JAPAN
		KOBE STEEL	JAPAN (Takasago)
		JAPAN STEEL WORKS	JAPAN (Muroran)
		HITACHI ZOSEN	JAPAN (Ariake)
		LARSEN & TOUBRO HEAVY ENGINEERING LLC	OMAN (Sohar)
		DOOSAN MECATEC	S.KOREA (Changwon)
		SEWON CELLONTECH	S.KOREA (Changwon)
		DAEKYUNG MACHINERY & ENGINEERING CO. LTD	S.KOREA (Ulsan/Yeosu)
14.54	TOWER INTERNALS (TRAYS)	RHINE RUHR PTE LTD	AUSTRALIA (Victoria)
		SULZER CHEMTECH	CHINA (Shanghai); INDIA (Puna); SINGAPORE
		KOCH GLITSCH	KOREA
14.55	CONDENSER; SURFACE STEAM SYSTEM	TECHNOTHERM CORPORATION	USA
14.56	MISCELLANEOUS EQUIPMENT FABRICATORS	CRYOSTAR SAS	FRANCE
		ATLAS COPCO MAFI-TRENCH COMPANY LLC	USA
		L A TURBINES	USA
		AECOMETRIC CORPORATION	CANADA
		DUIKER COMBUSTION ENGINEERS B V	NETHERLANDS
		MONARCH SEPARATORS	USA
		SIEMENS ENERGY, Inc.	USA
		WESTECH ENGINEERING INCORPORATED	USA
		POSEIDON INC. TRAITEMENT DES EAUX POSE	CANADA
14.57	CARBON STEEL & LOW ALLOY STEEL FORGING FOR PRESSURE VESSELS	ASFO	ITALY
		FAD FLANGE ACCIAIO & DERIVATI SPA	ITALY (Brugherio)
		FOMAS	ITALY
		FORGES	ITALY
		FORGE MONCHIERI	ITALY
		FORGE FEDRIGA	ITALY
		FORGIATURA A VIENNA S.P.A.	ITALY (Vienna)
		FORGIATURE MORANDINI	ITALY
		FORGITAL ITALY S.P.A.	ITALY
		FORITEX S.R.I	ITALY
		FPS	ITALY
		INOXFUCINE	ITALY
		MEGA	ITALY
		RINGMILL S.P.A	ITALY
		SDF	ITALY
		SESIA FUCINE	ITALY
		SPECIAL FLANGES S.P.A.	ITALY
		CREUSOT FORGE (AREVA GROUP)	FRANCE
		DEMBIERMONT	FRANCE
		BRUECK GMBH	GERMANY
SEO KOATSU KOGYO CO.	JAPAN (Ichikawa)		
14.58	Lube Oil Coolers	Pro Plant	USA
15.0 STEAM TRAP & Y-STRAINER			
15.1	TRAP: STEAM; MECHANICAL :Y-STRAINERS	GESTRA AG	GERMANY
		SPIRAX SARCO LTD	UK
		TLV CO LTD KAKOGAWA PLANT	JAPAN
		ARMSTRONG INT'L/THREE RIVERS	USA
		SPIRAX SARCO INCORPORATED	USA
		MIYAWAKI INC OSAKA PLANT	JAPAN



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No.	Materials	Manufacturer/Company Name.	Country/State Name
		ARMSTRONG INTERNATIONAL SA	BELGIUM
		DOUGLAS CHERO	ITALY
		AITKEN Inc. (Schuff International)	TX, USA
		BARTON FIRTOP ENG.	UK
		MUELLER	NC, USA
16.0 WELDING CONSUMABLES			
16.1	FILLER METALS FOR GAS TUNGSTEN ARC WELDING (GTAW)	AIR LIQUIDE WELDING GROUP	Cergy-Pontoise, FRANCE
		OERLIKON	Cergy-Pontoise, FRANCE
		ETC OERLIKON S.p.A	Padova, ITALY
		BLUESHIELD	Boucherville, Quebec, CANADA
		AMPCO METALS INC.	Marly, SWEDEN
		BOHLER WELDING GROUP	Dusseldorf, GERMANY
		AVESTA WELDING AB	Avesta, SWEDEN
		FONTARGEN	Eisenberg, GERMANY
		PHOENIX-UNION-THERMANIT (T-PUT)	Hamm, GERMANY
		SOUDOKAY (Formerly SOUDOMETAL)	Seneffe, BELGIUM
		UTP	Bad Krozingen, GERMANY
		BOHLER SCHWEISSTECHNIK Austria GmbH	Kapfenberg, Austria
		CHAMPION WELDING ALLOYS, INC	OH, USA
		CHOSUN STEEL WIRE CO. LTD.	S. KOREA
		KENAMETAL, INC, KENAMETAL STELLITE / DELORO STELLITE	Goshen, Indiana, USA
		ESAB AB	Hanover, PA, USA
		CONARCO	Buenos Aires, San Luis, ARGENTINA
		FILARC	NETHERLANDS
		HAYNES INTERNATIONAL / HAYNES WIRE COMPANY	Mountain Home, NC
		ILLINOIS TOOL WORKS	Glenview, IL, USA
		MCKAY	Troy, OH, USA
		HYUNDAI WELDING PRODUCTS	Seoul, S. KOREA
		KOBELCO-KOBE STEEL GROUP	JAPAN
		KUANG TAI METAL INDUSTRIAL CO. LTD.	Hsiang, TAIWAN
		LINCOLN ELECTRIC COMPANY	Cleveland, OH, USA
		METRODE PRODUCTS LTD.	Chertsey, UK
		SMITWELD B.V.	Ratingen, GERMANY
		NIPPON WELDING ROD CO, LTD.	Tokyo, JAPAN
		OXFORD ALLOYS, INC	Baton Rouge, LA, USA
		SANDVIK	Sandviken, SWEDEN
		SELECT ARC	Ft. Loramie, OH, USA
		ARCOS	Mt. Carmel, PA, USA
		SPECIAL METALS WELDING PRODUCTS CO- (Division of PCC)	Newton, NC, USA
		SPECIAL METALS	Hereford, UK
		TECHALLOY WELDING PRODUCTS / CENTRAL WIRE	Baltimore, MD, USA
		TECHALLOY WELDING PRODUCTS / CENTRAL WIRE	Perth, ONTARIO, CANADA
		THERMADYNE INDUSTRIES	St. Louis, MO, USA
		CIGWELD	Preston, Victoria, AUSTRALIA
		STOODY	Bowling Green, KY, USA
		THYSSENKRUPP VDM USA, INC	Dusseldorf, GERMANY
		UGITECH	Ugine, FRANCE
		WEARTECH INTERNATIONAL, INC	Santa Fe Springs, CA
		AIR LIQUIDE WELDING GROUP	Cergy-Pontoise, FRANCE
		OERLIKON	Cergy-Pontoise, FRANCE
		ETC OERLIKON S.p.A	Padova, ITALY



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No.	Materials	Manufacturer/Company Name.	Country/State Name
16.2	CONSUMABLES FOR SUBMERGED ARC WELDING (SAW) GAS METAL ARC WELDING (GTAW) AND FLUX CORED ARC WELDING (FCAW)	BLUESHIELD	Boucherville, Quebec, CANADA
		AMPCO METALS INC.	Marly, SWEDEN
		BOHLER WELDING GROUP	Dusseldorf, GERMANY
		AVESTA WELDING AB	Avesta, SWEDEN
		FONTARGEN	Eisenberg, GERMANY
		PHOENIX-UNION-THERMANIT (T-PUT)	Hamm, GERMANY
		SOUDOKAY (Formerly SOUDOMETAL)	Seneffe, BELGIUM
		UTP	Bad Krozingen, GERMANY
		BOHLER SCHWEISSTECHNIK Austria GmbH	Kapfenberg, Austria
		CHAMPION WELDING ALLOYS, INC	OH, USA
		CHOSUN STEEL WIRE CO. LTD.	S. KOREA
		KENAMETAL, INC, KENAMETAL STELLITE / DELORO STELLITE	Goshen, Indiana, USA
		ESAB AB	Hanover, PA, USA
		CONARCO	Buenos Aires, San Luis, ARGENTINA
		FILARC	NETHERLANDS
		HAYNES INTERNATIONAL / HAYNES WIRE COMPANY	Mountain Home, NC
		ILLINOIS TOOL WORKS	Glenview, IL, USA
		MCKAY	Troy, OH, USA
		HYUNDAI WELDING PRODUCTS	Seoul, S. KOREA
		KOBELCO-KOBE STEEL GROUP	JAPAN
		KUANG TAI METAL INDUSTRIAL CO. LTD.	Hsiang, TAIWAN
		LINCOLN ELECTRIC COMPANY	Cleveland, OH, USA
		METRODE PRODUCTS LTD.	Chertsey, UK
		SMITWELD B.V.	Ratingen, GERMANY
		NIPPON WELDING ROD CO, LTD.	Tokyo, JAPAN
		OXFORD ALLOYS, INC	Baton Rouge, LA, USA
		SANDVIK	Sandviken, SWEDEN
		SELECT ARC	Ft. Loramie, OH, USA
		ARCO	Mt. Carmel, PA, USA
		SPECIAL METALS WELDING PRODUCTS CO- (Division of PCC)	Newton, NC, USA
		SPECIAL METALS	Hereford, UK
		TECHALLOY WELDING PRODUCTS / CENTRAL WIRE	Baltimore, MD, USA
		TECHALLOY WELDING PRODUCTS / CENTRAL WIRE	Perth, ONTARIO, CANADA
		THERMADYNE INDUSTRIES	St. Louis, MO, USA
		CIGWELD	Preston, Victoria, AUSTRALIA
		STOODY	Bowling Green, KY, USA
		THYSSENKRUPP VDM USA, INC	Dusseldorf, GERMANY
		UGITECH	Ugine, FRANCE
		WEARTECH INTERNATIONAL, INC	Santa Fe Springs, CA
		COR-MET INC	Seoul, S. KOREA
		HOBART	Troy, OH, USA
		TRIMARK	Troy / Piqua, OH, USA
COREX	Troy / Piqua, OH, USA		
NATIONAL STANDARD (GMAW only)	Niles, MI / Stillwater, OK, USA		
AIR LIQUIDE WELDING GROUP	Cergy-Pontoise, FRANCE		
OERLIKON	Cergy-Pontoise, FRANCE		
ETC OERLIKON S.p.A	Padova, ITALY		
BLUESHIELD	Boucherville, Quebec, CANADA		
AMPCO METALS INC.	Marly, SWEDEN		
BOHLER WELDING GROUP	Dusseldorf, GERMANY		
AVESTA WELDING AB	Avesta, SWEDEN		
FONTARGEN	Eisenberg, GERMANY		



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No.	Materials	Manufacturer/Company Name.	Country/State Name
16.3	WELDING CONSUMABLES-ALL MATERIALS FOR THE SHIELDED METAL ARC WELDING (SMAW) PROCESS	PHOENIX-UNION-THERMANIT (T-PUT)	Hamm, GERMANY
		SOUDOKAY (Formerly SOUDOMETAL)	Seneffe, BELGIUM
		UTP	Bad Krozingen, GERMANY
		BOHLER SCHWEISSTECHNIK Austria GmbH	Kapfenberg, Austria
		CHAMPION WELDING ALLOYS, INC	OH, USA
		CHOSUN STEEL WIRE CO. LTD.	S. KOREA
		KENAMETAL, INC, KENAMETAL STELLITE / DELORO STELLITE	Goshen, Indiana, USA
		ESAB AB	Hanover, PA, USA
		CONARCO	Buenos Aires, San Luis, ARGENTINA
		FILARC	NETHERLANDS
		HAYNES INTERNATIONAL / HAYNES WIRE COMPANY	Mountain Home, NC
		ILLINOIS TOOL WORKS	Glenview, IL, USA
		MCKAY	Troy, OH, USA
		HYUNDAI WELDING PRODUCTS	Seoul, S. KOREA
		KOBELCO-KOBE STEEL GROUP	JAPAN
		KUANG TAI METAL INDUSTRIAL CO. LTD.	Hsiang, TAIWAN
		LINCOLN ELECTRIC COMPANY	Cleveland, OH, USA
		METRODE PRODUCTS LTD.	Chertsey, UK
		SMITWELD B.V.	Ratingen, GERMANY
		NIPPON WELDING ROD CO. LTD.	Tokyo, JAPAN
		OXFORD ALLOYS, INC	Baton Rouge, LA, USA
		SANDVIK	Sandviken, SWEDEN
		SELECT ARC	Ft. Loramie, OH, USA
		ARCOS	Mt. Carmel, PA, USA
		SPECIAL METALS WELDING PRODUCTS CO- (Division of PCC)	Newton, NC, USA
		SPECIAL METALS	Hereford, UK
		TECHALLOY WELDING PRODUCTS / CENTRAL WIRE	Baltimore, MD, USA
		TECHALLOY WELDING PRODUCTS / CENTRAL WIRE	Perth, ONTARIO, CANADA
		THERMADYNE INDUSTRIES	St. Louis, MO, USA
		CIGWELD	Preston, Victoria, AUSTRALIA
		STOODY	Bowling Green, KY, USA
		THYSSENKRUPP VDM USA, INC	Dusseldorf, GERMANY
UGITECH	Ugine, FRANCE		
WEARTECH INTERNATIONAL, INC	Santa Fe Springs, CA		
COR-MET INC	Seoul, S. KOREA		
HOBART	Troy, OH, USA		
17.0 PLATES			
17.1	PLATE; CARBON STEEL; PRESSURE VESSEL	FLUOROCARBON COMPANY LTD.	UK
		MACK IRON WORKS COMPANY	USA
		FARMER'S COPPER AND INDUSTRIAL	USA
		IPSCO STEEL INCORPORATED	CANADA
		USINOR SA	FRANCE
		THYSSENKRUPP MATL NEDERLAND	NETHERLANDS
		SALZGITTER GROSSROHRE GMBH	GERMANY
		MCB NEDERLAND BV	NETHERLANDS
		JORGENSEN-KILSBY	USA
		GMM BV	NETHERLANDS
		DUFERCO CLABECQ SA	CLABECQ, BELGIUM
		CATNIC-CORUS UK LTD	UK
		ARCELOR INTERNATIONAL EXPORT	LUXEMBERG
		AM CASTLE & COMPANY	Houston, TX, USA

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		AG DER DILLINGER HUTTENWERKE	GERMANY
		KYUNG DONG CO. LTD.	S. KOREA
17.2	PLATE; STAINLESS STEEL	MCB NEDERLAND BV	NETHERLANDS
		LINVIC ENGINEERING LTD.	UK
		OUTOKUMPU BV	UK
		USINOR SA	FRANCE
		KRUPP VDM GMBH	GERMANY
		GMM BV	CAPELLE AD IJSSEL, NETHERLANDS
		FARMER'S COPPER AND INDUSTRIAL	TX, USA
		AM CASTLE & COMPANY	TX, USA
		UGINE & ALZ NV	GENK, BELGIUM
		KYUNG DONG CO. LTD.	S. KOREA
		AVESTA SHEFFIELD DISTRIBUTION LTD.	ENGLAND
		INDUSTEEL (ARCELOR MITTAL)	FRANCE
		THYSSEN GARFIELD	GERMANY
		JINDAL STAINLESS LIMITED – ¾" (20MM) MAX (NON PRESSURE COMPONENTS)	INDIA
		JFE	JAPAN
		NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION	JAPAN (Yahata/Yamaguchi)
		SUMITOMO METAL INDUSTRIES LTD.	JAPAN (Kashima)
NIPPON YAKIN KOGYO CO.	JAPAN (Kawasaki)		
NIPPON METAL INDUSTRY CO., LTD.	JAPAN (Sagamihara)		
17.3	STRUCTURAL STEEL PLATE	KYUNG DONG CO. LTD.	S. KOREA
		SALZGITTER GROSSROHRE GMBH	GERMANY
		FARMER'S COPPER AND INDUSTRIAL	TX, USA
		ARCELOR INTERNATIONAL EXPORT	LUXEMBERG
17.4	PLATE: VARIOUS	FARMER'S COPPER AND INDUSTRIAL	TX, USA
		H.J. SKELTON AND CO. LTD.	UK
		KRUPP VDM GMBH	GERMANY
		OUTOKUMPU BV	UK
		WELSON PLC	UK
		AG DER DILLINGER HUTTENWERKE	
		FLUOROCARBON COMPANY LTD.	UK
		MACK IRON WORKS COMPANY	USA
		FARMER'S COPPER AND INDUSTRIAL	USA
		VOEST ALPINE	AUSTRIA
		DUFERCO	BELGIUM
		INDUSTEEL	BELGIUM
		INDUSTEEL (ARCELOR MITTAL)	FRANCE
		DILLINGER-GTS VENTES (DILLINGER HUETTENWERKE)	GERMANY
		UNIVERSAL	GERMANY
		JINDAL STEEL & POWER LTD (FOR C/S NON PRESSURE COMPONENTS ONLY)	INDIA
		TRAMETAL	ITALY
NIPPON STEEL CORPORATION	JAPAN (Yahata/Nagoya)		
JFE STEEL CORPORATION	JAPAN (Kurashiki)		
KOBE STEEL LTD	JAPAN (Kakagawa)		
17.5	Clad Plate	VOESTALPINE GROBBLECH GMBH	AUSTRIA
		INDUSTEEL (ARCELOR MITTAL)	FRANCE
		JFE	JAPAN
		THE JAPAN STEEL WORKS LTD	JAPAN



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No.	Materials	Manufacturer/Company Name.	Country/State Name
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