



Williams  
GC Fabricated Equipment Material

January 2017

Material	Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments
<b>CALIBRATION DEVICES</b>					
	Altec		USA	Everett, WA	
	Ametek		USA	Berwyn, PA	
	Crystal Engineering		USA	San Luis Obispo, CA	
	Practical Instrument Electronics, Inc.		USA	Westbury, NY	
	Thermoprobe		USA	Pearl, MS	
<b>CHROMATOGRAPHS &amp; ANALYZERS</b>					
	ABB		Switzerland	Zunich	
	AMI		USA	Huntington Beach, CA	
	Rosemount Analytical (Daniel)		USA	Houston, TX	
	SpectraSensors		USA	Houston, TX	
	Teledyne		USA	Thousand Oaks, CA	
<b>ELECTRICAL, INSTRUMENTATION, SENSORS, &amp; TRANSMITTERS</b>					
	Advanced Telemetry		USA	Farmington, NM	
	Emerson Companies		USA	Shakopee, MN	
<b>ELECTRICAL, MOTORS</b>					
	Baldor		USA	Fort Smith, AR	
	General Electric Co.		USA	Fairfield, CT	
	WEG		USA	Waukesha, WI	
<b>ELECTRICAL POWER AND CONTROL EQUIPMENT</b>					
	Eaton		USA	Fayetteville, NC	
	Schneider Electric		USA	Palatine, IL	



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ELECTRICAL, VARIABLE FREQUENCY DRIVE, LOW & MEDIUM VOLTAGE					
	TMEIC		Japan	Tokyo	
FASTENERS					
	Dan-Loc		USA	Houston, TX	
	Highland Threads		USA	Houston, TX	
	Lamons		USA	Houston, TX	
	Lone Star Bolt		USA	Spring, TX	
(1) STUD BOLTS SHALL BE ASTM A193, GRADE B7 COMPLETE WITH 2 EACH ASTM A104, GRADE 2H HEX NUTS					
(2) Cadmium Plated and Zinc coated fasteners are prohibited when operating temperatures are above 300 deg F (148 C)					
	Auge Industrial Fasteners		USA	Houston, TX	
	Lone Star Fasteners		CHINA	Ningbo	
	Quality Bolt		USA	Brecksville, OH	
FIBER REINFORCED PIPE (FRP)					
	Flex Pipe Systems		Canada	Calgary, Alberta	
FITTINGS, CS BW					
	Awaji		Thailand	Samutprakam	
	Custom Alloy		USA	High Bridge, NJ	
	Dynamic Products		USA	Houston, TX	
	Erne Fittings		Austria	Muurzzuschlag	
	Erne Fittings		Austria	Schlins	
	Gulf Manufacturing		USA	Houston, TX	
	Hackney Ladish (Trinity)		USA	Enid, OK	
	Hackney Ladish (Trinity)		USA	Russellville, AR	
	Mills Iron Works		USA	Gardena, CA	
	Shaw (Tubeline)		USA	New Brunswick, NJ	



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	Shaw-Allow Piping Products		USA	Shreveport, LA	
	Steel Forgings		USA	Shreveport, LA	
	Sungkwang Bend		KOREA	Busan	
	Technoforge		ITALY	Piacenza	
	Tectubi Raccordi		Italy	Piacenza	
	Tenaris		Mexico	Monterrey	
	Tenaris-Riga		MEXICO	Nuevo Leon	
	TK Corp		KOREA	Busan	
	Tube Forgings of America (TFA)		USA	Portland, OR	
	Weldbend		USA	Chicago, IL	
<b>FITTINGS, SS BW</b>					
	Alloy Piping Products		USA	Shreveport, LA	
	Awaji (ASK)		Thailand	Samutprakarn	
	Benkan Corp		JAPAN	Kiryu City	
	Benkan Corp		JAPAN	Amagasaki City	
	Canadoil Forge		Canada	Becancour	
	Core Pipe (Gerlin Picor)		USA	Carol Springs, IL	
	Custom Alloy		USA	High Bridge, NJ	
	Dynamic Products Inc		USA	Houston, TX	
	Erne		AUSTRIA	Schlins	
	Erne		AUSTRIA	Murzzuschlag	
	EzeFlow		Canada/UK	Granby, Quebec	
	Filmag		ITALY	Rivolta D'Adda	
	Flowline		USA	New Castle, PA	
	Mach Industries		USA	Houston, TX	
	Petrol Raccord		ITALY	Calendasco (Piacenza)	
	SK Bend		KOREA	Busan	
	Sumikin Kikoh		JAPAN	Hyoga	
	Taylor Forge		USA	Somerville, NJ	



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	Tectubi Raccordi	Allied Group	Italy	Milan	
	Thai Benkan (Up to NPS 16")		THAILAND	Samutprakarn	
	TK Corporation		Korea	Busan	
	WFI Bonney Forge		USA	Houston, TX	
	Wilhelm Schultz		GERMANY	Krefeld	
<b>FITTINGS, Y-GRADE BW</b>					
	Awaji		THAILAND	Samutprakarn	
	Benkan		JAPAN	Ota City	
	Custom Alloy		USA	High Bridge, NJ	
	Erne Fittings		Austria	Schlins	
	EZE Flow		Canada	Granby, Quebec	
	Gulf Manufacturing		USA	Houston, TX	
	Hackney Ladish (Trinity)		USA	Enid, OK	
	Hackney Ladish (Trinity)		USA	Russellville, AR	
	Mills Iron Works		USA	Gardena, CA	
	Shaw-Alloy Piping Product		USA	Shreveport, LA	
	Steel Forgings Inc.		USA	Shreveport, LA	
	Tectubi Raccordi	Allied Group	Italy	Piacenza	
	Tenaris		MEXICO	Monterrey	
	Tube Forgings of America (TFA)		USA	Portland, OR	
	Weldbend		USA	Chicago, IL	
<b>FITTINGS, CS FORGED (THRD and SOCKET WELD)</b>					
	Anvil		USA	Columbia, PA	
	Anvil		USA	Longview, TX	
	Bonney Forge		USA	Mt. Union, PA	
	Capitol (Phoenix Forge Group)		USA	Crowley, LA	
	IML		ITALY	Casazza Ligure	
	MEGA		ITALY	Bergamo	



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	Penn (Machine Works)		USA	Aston, PA	
	Penn (Texas PMW)		USA	Houston, TX	
	Ulma		ITALY	Onati	
	WFI Bonney Forge		USA	Houston, TX	
<b>FITTINGS, SS FORGED</b>					
	ASP		USA	Totowa, NJ	
	Bonny Forge		USA	Mt. Union, PA	
	Capitol / Camco / Phoenix Forge		USA	Crowley, LA	
	IML		ITALY	Casarza Ligure	
	ISE		JAPAN	Osaka	
	M.E.G.A.		ITALY	Bergamo	
	OMC		ITALY	Piacenza	
	Penn Machine - Texas PMW		USA	Houston, TX	
	Penn Machine Works		USA	Aston, PA	
	Westbrook Manufacturing		USA	Houston, TX	
<b>6R, 5R, 3R FULLY SEGMENTABLE</b>					
	Custom Alloy		USA	Houston, TX	
	Erne		AUSTRIA	Schllins	
	Hackney-Ladish		USA	Russellville, AR	
	Shaw-Alloy Piping Product		USA	Shreveport, LA	
	Tectubi Raccordi		ITALY	Piacenza	
	TFA		USA	Portland, OR	
<b>FITTINGS, HOT TAP</b>					
	Steel Forgings		USA	Shreveport, LA	
	T.D. Williamson		USA	Tulsa, OK	
	Weldfit		USA	Houston, TX	



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FITTINGS, CS PIPE NIPPLES					
	Anvil / Beck		USA	Waynesboro, PA	
	Capitol / Camco / Phoenix Forge		USA	Crowley, LA	
	Merit Brass		USA	Cleveland, OH	
	Penn Machine Works		USA	Aston, PA	
	Penn Machine - Texas PMW		USA	Houston, TX	
	Westbrook Manufacturing		USA	Houston, TX	
FITTINGS, SS PIPE NIPPLES					
	Anvil / Beck		USA	Waynesboro, PA	
	Capitol / Camco / Phoenix Forge		USA	Crowley, LA	
	Merit Brass		USA	Cleveland, OH	
	Penn Machine Works		USA	Aston, PA	
	Penn Machine - Texas PMW		USA	Houston, TX	
	Westbrook Manufacturing		USA	Houston, TX	
FLANGES CS					
	Bebitz		GERMANY	Bebitz	GC COE : B16.5 flanges only
	Bebitz		GERMANY	Maharashtra	GC COE : B16.5 flanges only
	Bebitz		INDIA	Saravali, Boisar	GC COE : B16.5 flanges only
	Boltex Mfg. Co.		USA	Houston, TX	GC COE : B16.5 and SP-44 flanges
	Coffer (Ameriforge)		USA	Houston, TX	GC COE : B16.5 and SP-44 flanges
	DL Flange		USA	Houston, TX	GC COE : SP-44 flanges only
	Federal		USA	Houston, TX	GC COE : SP-44 flanges only
	Galperti		USA	Houston, TX	GC COE : B16.5 and SP-44 flanges
	Galperti		ITALY	Gera Lario	GC COE : B16.5 and SP-44 flanges
	Galperti		ITALY	Agata	GC COE : B16.5 and SP-44 flanges
	Metalfar		ITALY	Como	GC COE : B16.5 flanges only



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	Metalfar		ITALY	Cesana Briana	GC COE : B16.5 flanges only
	Metalfar		GERMANY	Gelsenkirchen	GC COE : B16.5 flanges only
	National Flange		USA	Houston, TX	GC COE : B16.5 flanges only
	Trilad	Allied Group	USA	Houston, TX	GC COE : B16.5 and SP-44 flanges
	Ulma		Spain	Onati	
	Weldbend		USA	Chicago, IL	GC COE : B16.5 flanges only
<b>FLANGE, SPECIALITY</b>					
	D-L FLANGE		USA	Houston , TX	- Includes any alloy, any steel. - 24hr turn- around
<b>FLANGES SS</b>					
	Ameriforge		USA	Houston, TX	
	Bebitz		Germany	Bebitz	GC COE: ANSI 600 or greater only
	Bebitz		Germany	Lepzig	GC COE: ANSI 150-300 flanges only
	Bebitz		India	Saravali, Boisar	
	Core Pipe		CHINA	Shangai	
	Federal		USA	Houston, TX	
	Galperti		USA	Houston, TX	
	Group Genoyer (Carlyle)		FRANCE	Vitorlles	GC COE: ANSI 150-300 flanges only
	JMD-Viraj ( <i>Not to be confused with 'Viraj'</i> )		INDIA	Saravali, Boisar	GC COE: ANSI 150-300 flanges only
	Kerkau		USA	Bay City, MI	
	Kofco		KOREA	Ulsan	
	Melesi		ITALY	Cortenova	
	Metalfar ( <i>Date stamped 01/07 or later</i> )		ITALY	Cesana, Brianza	
	Mie Techno		JAPAN	Kuwana	
	Nakamura Iron Works		JAPAN	Sakai	
	National Flange		USA	Houston, TX	
	Texas Metals Division of Ameriforge		USA	Houston, TX	
	Tube-Line		USA	Carol Stream, IL	
	Ulma - Forja		SPAIN	Oñati	



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	Western of Texas Forge & Flange		USA	Lumberton, TX	
	Western Forge & Flange		USA	Cleveland, TX	
	WFI Bonney Forge		USA	Houston, TX	
	Wilhelm Geldbach (WGI)		GERMANY	Gelsenkirchen	GC COE: ANSI 150-300 flanges only
	Wilhelm Geldbach (WGI)		ROMANIA	Valcea	GC COE: ANSI 150-300 flanges only
<b>FLARES</b>					
	Airoil Flaregas		UK		
	Callidus		USA	Tulsa, OK	Requires WMB environmental terms on RFQ and P.O.
	Flare Industries		USA	Austin, TX	
	GBA-Corona, Inc,		USA	Houston, TX.	
	Hamworthy		USA		
	John Zink (Kaldair)		USA	Tulsa, OK	Requires WMB environmental terms on RFQ and P.O.
	Kaldair (John Zink)		USA	Houston, TX	
	Kaldair (John Zink)		USA	Odessa, TX	
	Kimark SmartFlare		USA	Southlake, TX	
	MESSCO (Moneyhun)		USA	Rock Springs, WY	Requires WMB environmental terms on RFQ and P.O.
	NAO		USA	Philadelphia, PA	
	Questor Technology Inc.		Canada	Calgary, Alberta	Requires WMB environmental terms on RFQ and P.O.
	Zeeco		USA	Broken Arron, OK	Requires WMB environmental terms on RFQ and P.O.
<b>GASKETS</b>					
	Flexitallic		USA	Deer Park, TX	
	Flexitallic		MEXICO	Guadalajara	
	Flexitallic		CHINA	PuDong	
	Flexitallic		CHINA	Wujiang	
	Garlock		USA	Palmyra, NY	
	Garlock		USA	Houston, TX	
	Lamons		USA	Houston, TX	
	Lamons		MEXICO	Veracruz	





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	Lamons		CHINA	Hangzhou	
	(1) Gaskets shall include an inner ring in accordance with ASME B16.20 and/or the following applications: a) Vacuum services or suction side of rotary equipment such as pumps and compressors. b) Aggressive media, high pressure or temperature. c) Surface finishes smoother than 125 micro-inch. d) If over compression of the gasket is a concern. In the event (CGI) inner ring gaskets are used, it is customary to select the inner ring material to be the				
<b>METAL RING JOINT GASKETS</b>					
	Dan-Loc		USA	Houston, TX	
	Lamons		USA	Houston, TX	
	SIGS (Smith Inter. Gulf Services)		UAE	Mutrah	
	Wolar		USA	Houston, TX	
<b>METER, CONE-TYPE (for Gas Allocation Measurement Only; SME Review Required)</b>					
	Cameron - Nuflo		USA	Houston, TX	Will need individual calibration to determine Cd
	McCrometer		USA	Hemet, CA	Will need individual calibration to determine Cd
<b>METER, CORIOLIS (Liquids only)</b>					
	Emerson Process Management	Micro Motion	USA	Houston, TX; Shakopee, MN	
<b>METERS, ULTRASONIC</b>					
	Daniel SeniorSonic		USA	Houston, TX	
	Sick FlowSic		Germany	Waldkirch	
<b>METERS, ROTARY</b>					
	Dresser Roots		USA	Fairfield, CT	
	Elster Instromet		Germany	Mainz-Kastel	
<b>METERS, TURBINE (Gas Only)</b>					



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	Sensus		USA	DuBois, PA	Auto-Adjust (4" - 12" standard and high capacity)
<b>METERS, TURBINE METERS</b>					
	NuFlo (Cameron)		USA	Houston, TX	
<b>ORIFICE FITTINGS</b>					
	Daniel		USA	Houston, TX	
	TMCo		USA	Wewoka, OK	
<b>ORIFICE PLATES, GAS MEASUREMENT</b>					
	Emerson/Daniel Industries (only)		USA	Houston, TX	
	Kelly		USA	Texarkana, TX	
<b>PIG SIGS</b>					
	Sagebrush		USA	Tulsa, OK	
	T.D. Williamson (TDW)		USA	Tulsa, OK	
<b>PIG TRAP CLOSURE-THREADED</b>					
	Huber-Yale	R&M	USA	Houston, TX	
	Superior (Circor Energy)		USA	Tulsa, OK	
	TDW		USA	Houston, TX	
<b>PIG TRAP CLOSURE-WELD END</b>					
	Huber-Yale	R&M	USA	Houston, TX	
	Superior (Circor Energy) (top flow, stop flow)		USA	Tulsa, OK	
	TDW		USA	Houston, TX	
<b>PIPE, CS ELECTRIC RESISTANCE WELDED (ERW)</b>					
	American Steel Pipe		USA	Birmingham, AL	
	California Steel (CSI)		USA	Fontana, CA	
	Corinth Pipeworks		Greece	Thisvi	20" and 24" capability



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	Nippon Steel		JAPAN	Yamaguchi	
	Salzgitter Mannesmann (formally V&M)		GERMANY	Sigen	
	Stupp		USA	Baton, Rouge	
	Tata		HARTERPOOL	UK	
	Tex-Tube		USA	Houston, TX	
	TMK-IPSCO		USA	Camanche, IO	
	U. S. Steel		USA	McKeesport, PA	
	Wheatland Tube		USA	Warren, OH	
	Wheatland Tube		USA	Wheatland, PA	
<b>SECONDARY, MATERIAL WILL BE PURCHASED FROM SECONDARY PIPE MILLS ONLY IF THE PRIMARY DOES NOT HAVE AN EQUAL OR IS UNABLE TO SUPPLY DUE TO DELIVERY. APPLICATION OR QUOTE IS NOT COMMERCIALY VIABLE</b>					
	(1) PIPE PURCHASED DIRECT FROM PIPE MILLS SHOULD BE MANUFACTURED TO API-5L PSL2 LATEST EDITION AND SHOULD BE ACCORDING TO WILLIAMS COMPANY SPECS				
	Ex L Tube		USA	Kansas City, KS	
	JFE (Formerly Kawasaki Steel, NKK Steel)		Japan	Chita	
	Northwest Pipe Mill		USA	Atchison, KS	
	Northwest Pipe Mill		USA	Bossier City, LA	
	Paragon Industries		USA	Sapulpa, OK	
	Tenaris (Maverick)		USA	Conroe, TX	
	Tenaris (Maverick)		USA	Hickman, AR	
	Tenaris (Maverick)		USA	Counce, TN	
	TMK-IPSCO		USA	Blytheville, AR	
	TMK-IPSCO (Newport Steel)		USA	Newport, KY	
	U.S. Steel (Bellville Tubular Operations)		USA	Bellville, TX	
	Wheatland		USA	Sharon, PA	
	Al-Jazeera Steel		OMAN	Sohar Industrial Est	
	Arcelor Mittal International Venezuela		VENEZUELA	Caracas	
	Borusan Birlesik		TURKEY	Istanbul	
	Cayirova		TURKEY	Cayirova	



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	Chung Hung (CHS)		TAIWAN	Kaohsiung	
	Evraz (formerly IPSCO)		CANADA	Regina	
	Femco		S AFRICA	Waseville	
	Husteel		KOREA	Mok'po	
	Husteel (Daebul)		KOREA	Jeonnam	
	Husteel (DangJin)		KOREA	Chungnam	
	Hylsa		MEXICO	San Nicolas de los Garza	
<b>SUSPENDED</b>	<b>Hyundai (DO NOT USE)</b>	<b>SUSPENDED</b>	S.Korea	Ulsan	AML Status was SUSPENDED as of March 28, 2017
	JMC Grp-Energex Tube (Lakeside Steel)		CANADA	Welland, ONT	
	Nexteel		KOREA	Pohang City	
	Pytco		MEXICO	Coahuila	
	Seah		KOREA	Pohang City	
	Tuberia Laguna		MEXICO	Durango	
	TUNA		MEXICO	Nuevo Leon	
<b>PIPE, CS PRIMARY, SEAMLESS (SMLS)</b>					
	Tenaris (DST Dalmine)		Italy	Bergamo	
	Tenaris (DST Siderca)		Argentina	Campanag	
	Tenaris (DST Tamsa)		Mexico	Veracruz	
	U. S. Steel		USA	Fairfield, AL	
	U. S. Steel		USA	Lorain, OH	
	Wheatland Tube (Sharon)		USA	Sharon, PA	
	JFE (Formerly Kawasaki Steel, NKK Steel)		Japan	Chita	
	NIPPON STEEL CORP		Japan	Yamaguchi	
	SUMITOMO		Japan	Wakayama	
	TMK-IPSCO (Koppel Steel)		USA	Ambridge, PA	
	V&M		Germany	Mulheim	
	Michigan Seamless Tube		USA	South Lyons, MI	



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	PTC Alliance		USA	Darlington, PA	
	V&M Star		USA	Youngstown, OH	
	Angang		CHINA	Anshan City	
	Arcelor Mittal Ostrava (Nova Hut)		CZECH REPUBLIC	Ostrava	
	Arcelor Mittal Roman (Petrotub)		ROMANIA	Roman	
	Arcelor Mittal South Africa (Isacor)		S AFRICA	Vereeniging	
	Benteler		GERMANY	Paderborn	
	Chomutov		CZECH REPUBLIC	Chomutov	
	Heng Yang		CHINA	Hengyang City	
	Huta Batory		POLAND	Chorzov	
	Tenaris Algoma - Canada		CANADA	Sault, Ste. Marie	
	Tenaris NKK		JAPAN	Kawasaki	
	Tenaris Silcotub		ROMANIA	Zalau	
	Tianjin TPCO		CHINA	Tianjin	
	TMK Volzhsky		RUSSIA	Volzhsky	
	V&M (Mannesmann)		GERMANY	Dusseldorf-Rath	
	V&M (Mannesmann)		BRAZIL	Belo Horizonte	
	V&M (Vallourec)		FRANCE	Aulnoye	
	V&M (Vallourec)		FRANCE	Saint Saulve	
	Voest Alpine		AUSTRIA	Kindberg	
	Zelezarne Podbrezova		SLOVAKIA	Podbrezova	
<b>PIPE, CS PR</b>	<b>PRIMARY, DOUBLE SUBMERGED ARC WELDED (DSAW)</b>				
	Berg Steel Pipe -Spiral included*		USA	Panama, FL	
	Dura-Bond		USA	Steelton, PA	
	JSW Steel USA		USA	Baytown, TX	
<b>PIPE, STAINLESS STEEL SEAMLESS</b>					
	Centravis		UKRAINE	Nikopol	Up to NPS 10"
	Changshu Walsin Specialty Steel		CHINA	Changshu City	



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	Jiuli		CHINA	Huzjpi, Zhejiang	(Tp 304/304L/316/316L Up to NPS 8")
	Kobe Special Tube		JAPAN	Chofu-Kita	
	Mannesmann DMV Stainless		USA	Houston, TX	
	Michigan Seamless Tubes		USA	South Lyons, MI	
	Nippon Steel		JAPAN	Hikari	(Up to NPS 6")
	Pexco		USA	Scranton, PA	
	Productos Tubulares		SPAIN	Bilbao	
	Rockwell Collins Rollmet (formerly Kaiser)		USA	Irvine, CA	
	Salzgitter Mannesmann (Dalminie)		Italy	Bergamo	
	Salzgitter Mannesmann DMV Stainless		GERMANY	Mülheim an der Ruhr	
	Salzgitter Mannesmann DMV Stainless		FRANCE	Montbard	
	Sandvik		SWEDEN	Sandviken	
	Sandvik		USA	Scranton, PA	
	Schoeller Bleckman		AUSTRIA	Ternitz	
	Sumikin & Nippon Steel SS Pipe Co		JAPAN	Fujisawa	
	Sumitomo		JAPAN	Wakayama	
	Sumitomo		JAPAN	Amagasaki City	
	Tubacex		Spain	Llodio	
	Walsin		CHINA	Haiyu Town, Jiangsu	(Tp 304/304L/316/316L Up to NPS 4")
	Wyman Gordon (Precision Castparts Corp.)		USA	Houston, TX	
<b>PIPE, STAINLESS STEEL WELDED</b>					
	Bristol Metals		USA	Bristol, TN	
	Swepeco		USA	Clifton, NJ	
<b>SS ERW PIPE</b>					
	BSL T.R.		FRANCE	Soissens	(NPS 10" and above)
	Butting		GERMANY	Knesebeck	
	Erne Fittings		AUSTRIA	Mürzzuschlag, Grazerstrasse	
	Inotech		ITALY	Lendarinara	(NPS 8" and up)



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	Jiuli		CHINA	Zhejiang	(Tp 304/304L/316/316L NPS 8 to 24)
	Mach Industries		USA	Houston, TX	
	Nas Toa		JAPAN	Kawasaki	(NPS 14" and up)
	Nas Toa		JAPAN	Chigasaki	(Up to NPS 12")
	Nippon Metal Tubu		JAPAN	Aichi	
	Nisshin Steel		JAPAN	Amagasaki	
	Outokumpu Stainless		USA	Wildwood, FL	
	Outokumpu Stainless		CANADA	Ontario	
	Sitai Inox		ITALY	Prato Sesia	(Up to NPS 8")
	Stainless Pipe Kogyo		JAPAN	Sakai	
	Sumikin & Nippon Steel SS Pipe Co		JAPAN	Koga	
	Sumitomo		JAPAN	Wakayama	
<b>PRESSURE VESSEL CLOSURE-WELD END</b>					
	Huber-Yale	R&M	USA	Houston, TX	
	Modco Industries		USA	Tulsa, OK	
	Modco Industries		USA	Conroe, TX	
	Sypris Technologies (Tubeturn)		USA	Louisville, KY	
	TDW		USA	Houston, TX	
<b>RTU &amp; PLC</b>					
	Allen-Bradley (Combined with Fisher)		USA	Milwaukee, WI	
	Emerson-Fisher		USA	Tulsa, OK	
	FMC Technologies (Accuload)		USA	Houston, TX	
	Omni		USA	Sugar Land, TX	
	Schneider Electric (ScadaPack)		USA	Ruell Maimaison	
			USA		
<b>SAMPLERS, GAS</b>					
	Parker PGI		USA	Houston, TX	Interceptor
	YZ Industries		USA	Houston, TX	Dynapak 2010 w/Genie GP2-CSA-206 (need to specify probe length)



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SAMPLING PROBES & CONDITIONING EQUIPMENT					
	A+ Corporation		USA	Gonzales, LA	
	Mustang Sampling		USA	Ravenswood, WV	
	Welker		USA	Sugar Land, TX	
	YZ Systems		USA	Houston, TX	
STRAINERS					
	Jamison Products		USA	Tomball, TX	
	Mueller		USA	Houston, TX	
	Nevis Pipeline Products- <i>UNDER EVALUATION</i>		USA	Tomball, TX	
	Spirax Sarco		USA	Blythewood, SC	
	Sure Flow		Canada	Burlington, Ontario	
SUBSTATION TRANSFORMERS - HIGH VOLTAGE					
	ABB		Switzerland	Zurich	
	Waukesha (SPX)		USA	Waukesha, WI	
TUBING					
	Clayborn Labs (DC heat trace)		USA	Truckee, CA	
	Mustang (DC heat trace)		USA	Ravenswood, WV	
	Parker (Instrument grade)		USA	Cleveland, OH	
	Swagelok		USA	Solon, OH	
	Thermon Heat Trace Tubing		USA	Houston, TX	
AFTERMARKET VALVES					
	Cameron Aftermarket		USA	assembled in Houston	





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	Fisher Controls Aftermarket		USA	Sherman, TX	
	OFM Aftermarket ( <i>Aftermarket group to SPX</i> )		USA	assembled in Houston	
	Sullivan and Sons (Fisher Products Only)		USA	Baton Rouge, LA	
<b>VALVE, BALL VALVE (API 6D Trunnion only)</b>					
	Balon		USA	Oklahoma City, OK	4" thru 8" GC COE : 8" and below
	Cameron		USA	Ville Platte, LA	
	Delta (Valvitalia)	Quarter Turn	ITALY		
	Grove	Cameron	USA	Ville Platte, LA Voghera, ITALY	
	KF (P3 & WB "Made in Oklahoma City" Only)		USA	Oklahoma City, OK Suzhou, CHINA	2-42" GC COE Mill: No size limitations GC COE: Only stainless steel
	Warren Valve		China		
	WKM		USA	Oklahoma City, OK	
<b>VALVE, BALL VALVE FLOATING</b>					
	Balon	MRC	USA	Oklahoma City, OK	1/4" thru 8" GC COE: Includes stainless steel GC COE : CS valves 8" and below GC COE: Includes stainless steel
	KF (Circor Energy)		CHINA	Suzhou	
	KF (Circor Energy)		USA	Oklahoma City, OK	GC COE: Includes stainless steel
	Kitz		JAPAN	Nagasaka	Stainless Steel Only
	Velan		CANADA	Montreal	Stainless Steel Only
	Velan		CANADA	Grandby	Stainless Steel Only
	Warren		CHINA	China/Houston	Stainless Steel Only
	WKM:		USA	Oklahoma City, OK	Threaded end case by case by Supply Chain & Valve SME GC COE: Includes Stainless Steel
<b>VALVE, CS PIPELINE CHECK (flanged end) API 6D Fully Biggable</b>					
	M&J (SPX)		USA	Houston, TX	
	Stream-Flo (Crown Judd)		CANADA	Edmonton	
	Tom Wheatley (Cameron)		USA	Houston, TX	
	Wheatley (Cameron)		USA	Houston, TX	
<b>VALVE, CS PISTON CHECK (flanged end) 2"-16"</b>					



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	Daniels		USA	Houston, TX	
	Durabla (DFT)		USA	Lionville, PA	
	KF (Circor Energy)		ITALY		
	KF (Circor Energy)		CHINA		
	M&J (SPX)		USA	Houston, TX	
	Norriseal		USA	Houston, TX	
	Tom Wheatley (Cameron)		CANADA	Edmonton	
<b>VALVE, CS SWING CHECK (threaded end) Ductile Iron or Cast Steel</b>					
	BALON		USA	Oklahoma City, OK	
	Flomore (threaded top end cap)		USA	Oklahoma City, OK	
	KF (Circor Energy)		USA	Oklahoma City, OK	
	Wheatley (Cameron)		USA	Houston, TX	
	Whittle & Neher Systems		USA	Oklahoma City, OK	
<b>VALVE, CS WAFER CHECK VALVES (Thick and Thin pattern)</b>					
	Balon		USA	Oklahoma City, OK	
	KF (Circor Energy)		USA	Oklahoma City, OK	
	Wheatley (Cameron)		USA	Houston, TX	
<b>VALVE, CONTROL VALVE</b>					
	Fisher		USA	Sherman, TX	
	Kim Ray		USA	Oklahoma City, OK	
<b>VALVE, GATE PIPELINE API 6D</b>					
	M&J (SPX)		USA	Houston, TX	
	T-3		USA/CHINA	Assembled in Houston, TX	
	Valvitalia	Quarter Turn	Italy		
	WKM Pow-R-Seal & Saf T Seal (Cameron)		USA	Ville Platte, LA	



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VALVE, GATE, GLOBE & CHECK VALVE CAST STEEL API 600 / API 603		(these gate valves are not fully pigable and their metal seated			
	Crane		Mexico	Mexico City	GC COE: All Grades of Materials
	DSI (Forum)		China	Jiang Yin	GC COE: Cast Steel only (excludes Stainless Steel)
	Edward (Flowserve)		USA	Raleigh, NC	All Grades of Materials GC COE: Stainless Steel Only
	Flowserve		USA	Nashville, TN	All Grades of Materials GC COE: Stainless Steel Only
	Kinka Kikai		JAPAN	Nagasaka	Stainless Steel & Exotics Only GC COE: Stainless Steel Only
	Kitz		JAPAN	Ina	All Grades of Materials GC COE: Cast Steel only (excludes Stainless Steel)
	Kitz		CHINA	Kunshan	All Grades of Materials GC COE: Cast Steel only (excludes Stainless Steel)
	Pacific		USA	Long Beach, CA	Stainless Steel & Exotics Only GC COE: Stainless Steel Only
	Pan Korea		KOREA	Changwon City	Stainless Steel & Exotics Only GC COE: Stainless Steel Only
	Powell		USA	Cincinnati, OH	GC COE: Cast Steel only (excludes Stainless Steel)
	Powell		MEXICO	Mexico City	GC COE: Cast Steel only (excludes Stainless Steel)
	Poyam		SPAIN	Beasain	Stainless Steel & Exotics Only GC COE: Stainless Steel Only
	Raimondi		ITALY	Milan	Stainless Steel & Exotics Only GC COE: Stainless Steel Only
	Tong Young		KOREA	Busan	Stainless Steel & Exotics Only GC COE: Stainless Steel Only
	Velan		USA	Williston, VT	All Grades of Materials
	Velan		CANADA	Montreal	All Grades of Materials GC COE: Cast Steel only (excludes Stainless Steel)
	Velan		CANADA	Grandby	All Grades of Materials GC COE: Cast Steel only (excludes Stainless Steel)
	Velan		PORTUGAL	Lisbon	All Grades of Materials
	Velan		KOREA	Ansan City	All Grades of Materials
	Walworth		MEXICO	Mexico City	GC COE: Cast Steel only (excludes Stainless Steel)
	Warren		CHINA USA	Houston, TX	Stainless Steel & Exotics Only GC COE: Stainless Steel Only
VALVE, GATE, GLOBE & CHECK VALVE FORGED STEEL API602 (Threaded, socket Weld & Flanged)					
	Bonney Forge		USA	Mount Union, PA	All Grades of Materials
	DSI (Forum)		CHINA	Dalian	GC COE : Forged Steel Only (excludes Stainless Steel)
	DSI (Forum)		ITALY	San Paolo D'Argon	GC COE : Forged Steel Only (excludes Stainless Steel)
	Edward (Flowserve)		USA	Raleigh, NC	All Grades of Materials
	Kitz		JAPAN	Nagasaka	All Grades of Materials GC COE : Forged Steel Only (excludes Stainless Steel)



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	SMITH (NEUDELL)		USA	Houston, TX	GC COE : Forged Steel Only (excludes Stainless Steel)
	Velan		CANADA	Montreal	GC COE: All Grades of Materials
	VOGT (Flowserve)		INDIA	Marainalai Nagar	GC COE: All Grades of Materials
	VOGT (Flowserve) (All Grades of Materials)		USA	Sulphur Springs, TX	GC COE: All Grades of Materials
<b>NEEDLE VALVES</b>					
	Anderson Greenwood (Tyco)		USA	Houston, TX	
	Balon		USA	Oklahoma City, OK	
	KF (Circor Energy)		USA	Oklahoma City, OK	
	Parker		USA	Cleveland, OH	
	Swagelock		USA	Solon, OH	
<b>PIG VALVES</b>					
	Argus		CANADA	Edmonton	
	Tiger Valve Company		USA	Houston, TX	
	Tulsa Valve (Array)		USA	Houston, TX	
<b>VALVE, PLUG VALVE</b>					
	Durco (Non-lubricated) (Flowserve)		USA	Cookville, TN	
	Durco (Non-lubricated) (Flowserve)		GERMANY	Ahaus	
	Galli & Cassina		ITALY	Sorento	
	Nordstrom (Flowserve)		USA	Sulphur Springs, TX	(Not DB&B)
	Resun (R&M Energy)		USA	Tomball, TX	
	Texsteam (Non-lubricated) (Cameron)		USA	Hammond, LA	
<b>VALVE, RELIEF VALVE</b>					
	Anderson Greenwood		USA	Houston, TX	
	Consolidated		USA	Houston, TX	
	Crosby		USA	Minneapolis, MN	
	Farris (spring operated)		USA	NJ.; Tulsa, OK	



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	Mercer Valve Co.		USA	Oklahoma City, OK	
	Taylor Valve Technology		USA	Oklahoma City, OK	