



Boardwalk Approved Manufacturer Listing (AML)

		** SUPPLIER STATUS:					
		P = Preferred Supplier (Best Pricing & Terms). All things equal, purchase from Preferred Supplier					
		A = Approved Supplier (OK as alternatives)					
		R = Replacement Only; not approved for NEW installation					
		C = Conditional					
		<i>This AML is an ongoing effort and will continue to evolve. To recommend manufacturers or additional categories please contact Richard Dixon, richard.dixon@bwpipelines.com</i>					
Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
ACTUATOR-ON / OFF (MEASUREMENT PURPOSES ONLY)							
	X	Becker	Master Controls Inc (OH, IN, KY, TN); Marieco Inc. (AL, FL, MS, LA, TX)	USA	Houston, TX	A	Measurement Purposes ONLY
X	X	Bettis	Emerson Process Management - Valve Automation Inc; DNOW LP Valve Actuation	USA/CANADA	Waller, TX/Canada	P	Measurement Purposes ONLY-Run Switching, GOVs
X	X	Biffi	DNOW LP - Valve Actuation	USA/CANADA	.	R	Measurement Purposes ONLY
	X	Limitorque	Sunbelt Supply	USA	Baton Rouge, LA	P	Liquid Service ONLY
X	X	Shafer	Emerson Process Management - Valve Automation Inc	USA	Mansfield, OH	A	Measurement Purposes ONLY. Typically Large Valves located off the meter skid or control skid. Could be used for bi-di and filter seps.
ACTUATOR/OPERATOR - ELECTRIC							
	X	Biffi	Sunbelt Supply	USA	Baton Rouge, LA	R	Liquid Service Only; Replacements ONLY
	X	EIM (Emerson)					Liquid Service Only
X	X	Limitorque	Sunbelt Supply	USA	Baton Rouge, LA	P	Liquid Service Only. Gas service - replacement only.
X	X	Rotork					Liquid Service Only. Gas service - replacement only.
ACTUATOR/OPERATOR - ELECTRO-HYDRAULIC							
X	X	Bray International Inc		USA		A	New actuator vendor under development.
X	X	VRG CONTROLS LLC		USA	Lake Zurich, IL	A	
ACTUATOR/OPERATOR - VALVE, HP HYDRAULIC/SPRING							
	X	Bettis	Sunbelt Supply	USA	Baton Rouge, LA	P	Liquid Service Only
	X	Limitorque	Sunbelt Supply	USA	Baton Rouge, LA	R	Liquid Service Only; Replacements ONLY
	X	Stream-Flo	Sunbelt Supply	USA	Baton Rouge, LA	P	Liquid Service Only



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ACTUATOR/OPERATOR - VALVE, PNEUMATIC (AUTOMATION PURPOSES ONLY)						
X	X	Apollo				C Water Jackets Only
	X	Automax	FlowServe			Liquid Service Only
X	X	Becker	Master Controls Inc (OH, IN, KY, TN); Marieco Inc. (AL, FL, MS, LA, TX)	USA	Houston, TX	P
X	X	Bettis	Emerson Process Management - Valve Automation Inc; DNOW LP Valve Actuation	USA/CANADA	Waller, TX/Canada	P/R Linear; smaller applications. 8 in valves and below.
X	X	Biffi	DNOW LP - Valve Actuation	USA/CANADA	.	C Condition: Only to be used in current Biffi locations, and replacing very few (not approved for NEW installations). Long-term is to replace w/ Shafer.
X	X	Bray International Inc		USA		A New actuator vendor under development.
X	X	El-O-matic	Sunbelt Supply	USA	Baton Rouge, LA	P R Liquid Service Only. Gas service 8 in valves and below.
X	X	EIM (Emerson)				R Only for replacements; no new installations
X	X	Kimray		USA		R Only for replacements; no new installations
X	X	Limitorque				R Gas Service: Only for replacements; no new installations. Liquid Service: New installation allowed.
X	X	Morin	DNOW LP - Valve Actuation	USA	Pelham, Ala.	C Condition: Only to be used in predominant Biffi locations, and replacing existing one.
X	X	Shafer	Emerson Process Management - Valve Automation Inc	USA	Mansfield, OH	P
X	X	VRG CONTROLS LLC		USA	Lake Zurich, IL	A
ACTUATOR/OPERATOR - VALVE, ROTARY VANE TYPE - GAS/HYDRAULIC						
X	X	Bettis		USA/CANADA	Waller, TX/Canada	A
X	X	Biffi	DNOW LP - Valve Actuation	USA/CANADA	.	C Not approved for new installations. However, is acceptable for pre-existing replacements. The long-term initiative is to replace this brand with Shafer.
X	X	Shafer		USA	Mansfield, OH	A
AIR INTAKE						
X	X	Donaldson		USA		A Acceptable for turbine applications w/ pre-filter and filter rectangular cartridges. Horizontal intake, per Garrett Williams
X	X	Mueller Environmental Designs, Inc.		USA		A Acceptable for turbine and reciprocating turbine applications, per Garrett Williams
X	X	Universal Silencer		USA		A Acceptable for reciprocating unitapplications, per Garrett Williams
ANALYTICAL SERVICE AND CALIBRATION GAS BLENDS						
X	X	Element Laboratories		USA		P Added per Measurement
X	X	Southern Petroleum Laboratories		USA		P Added per Measurement



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ANALYZERS - GAS QUALITY							
	X	Advanced Micro Instruments (AMI)		USA	Costa Mesa, CA	A	Liquid Service ONLY; Trace Oxygen Analyzer
X	X	ABB Inc.		USA	Houston, TX	P	Gas Chromatograph
	X	AMATEK					Liquid Service ONLY
	X	CI Analytics					Liquid Service ONLY
	X	GE Panametics	BBP	USA	Boston, MA	P	Liquid Service ONLY; Moisture / Oxygen Analyzer
X	X	Rosemount Analytical (Daniel)		USA	Houston, TX	A	Gas Chromatograph
X	X	Siemens				A	H2S - Specialty unit for CBH
X	X	Siemens				A	Total Sulfur - Specialty unit for CBH
X		Siemens				A	BTEX - Specialty unit for CBH
X	X	Spectra Sensors				P	H2S
X	X	Spectra Sensors		USA	Houston, TX	P	Moisture
X		Envent Engineering				C	Moisture
X		Ohio Lumex		USA	Solon, Ohio	A	Mercury - Specialty unit for CBH
X		Spectra Sensors				P	Oxygen
X	X	Teledyne				A	Oxygen-Specialty unit for CBH
BENDS (HOT INDUCTION BENDS)							
X	X	Bendtec		USA	Duluth, MN	P	
X	X	Houston Pipe Benders		USA	Houston, TX	A	Secondary, pending successful jobs; requires full inspection and audit of documentation, before being considered primary.
X	X	McDermott (Formally CB&I)		USA	Clearfield, UT / Walker, LA	C	All orders require thrid party inspection per Pipeline Safety Department
X	X	Tulsa Tube Bending		USA	Tulsa, OK	C	HFW or SMLS pipe starting material only. Use of DSAW starting material requires review and approval by Pipeline Safety.
X	X	Turner Industries		USA	Port Allen/ Paris, TX	A	Status, per Rodney Clayton
BENDS (COLD)							
X	X	New Orleans Copper Inc.		USA	New Orleans, LA	A	Status, per Rodney Clayton
X	X	Tulsa Tube Bending		USA	Tulsa, OK	P	Status, per Rodney Clayton
BOILER							
X	X	Cici Boilers		USA	Orchard Park, NY	A	



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AML, Published 082624

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BUILDING (NOT METER BUILDING: ENGINEERED, FABRICATED, PRE-FABRICATED)							
X	X	Dupont Building		USA	Bell City, LA	A	Liquid Service ONLY
X	X	Integral Structures			Louisville, KY		
X	X	Standard Industrial Structures (SISCORP)		USA	Houston, TX	A	
X	X	United Steel Structures		USA	Houston, TX	A	
X	X	Volta		USA	Houston, TX	A	
BUILDING (CANOPY)							
	X	Dupont Building		USA	Bell City, LA	P	Liquid Service ONLY
X	X	Parkline Building Systems		USA	Eleanor, WV	A	
X	X	Versatube Building Systems		USA	Collierville, Tn Phoneix, Az	P	UFM shelter with online configurator
BUILDING FLOW COMPUTER / ANALYZERS							
X	X	Cherokee Integration		USA	Tulsa, OK	A	Gas Chromatograph & small footprint enclosures
X	X	Control Concepts		USA	Cumming, GA	A	
	X	Dupont Building		USA	Bell City, LA	P	Liquid Service ONLY
X	X	L&S Proline		USA	Montgomery, TX	A	Per Measurement (Steve MacDowell)
	X	ProLine		USA			Flow Computer/Chromatograph
	X	Richard Automation					Liquid Service ONLY
X	X	RTTS		USA	Nederland, TX	A	Flow Computer/Chromatograph/Enhanced Analyzers
X	X	Valtronics		USA	Ravenswood, WV	P	Flow Computer/Chromatograph/Enhanced Analyzers
BUILDING (METAL FRAMED)							
X	X	Standard Industrial Structures (SISCORP)		USA	Houston, TX	A	
X	X	United Steel Structures		USA	Houston, TX	A	
CASING INSULATORS / END SEALS							
X	X	F.H. Maloney Co	DNOW	USA	Tulsa, OK	A	
X	X	Linkseal (GPT Industries)	Pipeline Supply & Service	USA	Houston, TX	P	This is the same and PSI on line below - should be removed
X	X	PSI (GPT Industries)	Pipeline Supply & Service	USA	Houston, TX	P	Would also like to add Drinkwater Products are a distributor - Jason Benoit
X	X	Advanced Products and Services (APS)	PPSC - Pipeline Products Specialty Company	USA	Houston, TX	P	John Broussard - 281-381-8715, john@PipelinePSC.com
X	X	Raychem	Pipeline Supply & Service	USA	Houston, TX	A	
X	X	Sunland Construction End Seal	Sunland Construction	USA	Channelview, TX	C	Sunland makes their own end seals; best if need to pump casing w/ wax; Sunland only guarantees casing end seal if installed by Sunland
CHEMICALS - AMINE							
X	X	Coastal Chemical	Coastal Chemical	USA	HOUSTON, TX	A	



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AML, Published 082624

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CHEMICALS - CORROSION INHIBITOR							
X	X	Brenntag	Brenntag	USA	Henderson, KY	P	
X	X	Chemstar	Chemstar	USA	Minneapolis, MN	A	
X	X	Clariant	Clariant	USA	The Woodlands, TX	A	10/5//16 - Clariant purchased Xchem from Brenntag, may take a while for the takeover to occur but adding them to the list
X	X	Jacam	Jacam	USA	Sterline, KS	A	
X	X	Nalco Champion	Nalco Champion	USA	Sugarland, TX	P	
X	X	Pinnacle Chemical Solutions	Pinnacle Chemical Solutions	USA	Laurel, MS	A	
CHEMICALS - DEFOAMER							
X	X	Brenntag	Brenntag	USA	Henderson, KY	A	
X	X	Clariant	Clariant	USA	The Woodlands, TX	A	10/5//16 - Clariant purchased Xchem from Brenntag, may take a while for the takeover to occur but adding them to the list
X	X	Nalco Champion	Nalco Champion	USA	Sugarland, TX	A	
X	X	Pinnacle Chemical Solutions	Pinnacle Chemical Solutions	USA	Laurel, MS	A	
CHEMICALS - METHANOL							
X	X	Brenntag	Brenntag	USA	Henderson, KY	A	
X	X	Clariant	Clariant	USA	The Woodlands, TX	A	10/5//16 - Clariant purchased Xchem from Brenntag, may take a while for the takeover to occur but adding them to the list
X	X	Coastal Chemical	Coastal Chemical	USA	HOUSTON, TX	A	
X	X	Nalco Champion	Nalco Champion	USA	Sugarland, TX	A	
CHEMICALS - TRIETHYLENE GLYCOL							
X	X	Brenntag	Brenntag	USA	HENDERSON, KY		
X	X	Coastal Chemical	Coastal Chemical	USA	HOUSTON, TX		
CHROMATOGRAPH / ANALYZER SKID FABRICATOR							
X	X	Cherokee Integration		USA	Tulsa, OK	A	Gas Chromatograph & small footprint enclosures
X	X	Circle B Measurement & Fabrication		USA	Tulsa, OK	A	
X	X	Gulf Coast TMC				P	Skid based Chromatograph & Analyzers (i.e. H2S, CO2, H2O, etc)
X	X	L&S Proline		USA	Montgomery, TX	A	Per Measurement (Steve MacDowell) Review/approval of weld procedures and third party inspection during fabrication required
	X	Siemens				A	Liquid Service ONLY
X	X	Star Measurement Sales & Services				A	Skid based Chromatograph & Analyzers (i.e. H2S, CO2, H2O, etc)
X	X	Valtronics		USA	Ravenswood, WV	A	Added per Measurement



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CLOSURES							
X	X	Stark Solutions, LLC		USA	Conroe, TX	A	Previously Modco Industries, LLC
X	X	Sypris Technologies	Tube Turn Division		Louisville, KY		
X	X	TD Williamson		USA	Tulsa, OK	A	Per Codes & Standards, NOTE that BWP welding advisory exists on some TDW Closures
X	X	Twinlock	Pipeline Equipment Inc (PEI)	USA	Tulsa, OK	P	Measurement Purposes ONLY- 8" or larger
X	X	Huber Yale	R&M Energy Systems, DNOW	USA		A	
COATINGS							
X	X	Carboline	Carboline	USA	Houston, TX	P	Please check approved products in BWP specs COAT-001,COAT 005 and COAT 008
X	X	PPG	PPG	USA	Pasadena, TX	A	Please check approved products in BWP specs COAT-001 and COAT 008
X	X	Sherwin Williams	Sherwin Williams	USA	Cleveland, OH	P	Please check approved products in BWP specs COAT-001 and COAT 008
X	X	AkzoNobel (International)	Akzo Nobel (International)	USA	Houston, TX	A	Please check approved products in BWP specs COAT 008
		Dampney Company, Inc	Dampney Company, Inc	USA	Everret, MA	A	Please check approved products in BWP specs COAT 008
X	X	Denso	Denso	USA	Houston, TX	P	Please check approved products in BWP specs COAT 001 and COAT 002
X	X	Specialty Polymer Coating (SPC)	Specialty Polymer Coating (SPC)	USA	Angleton, TX	P	Please check approved products in BWP specs COAT 001 and COAT 002
X	X	Clock Spring	Clock Spring	USA	Houston, TX	A	Please check approved products in BWP specs COAT 001
X	X	Trenton Corp	Trenton Corp/Drinkwater Products	USA	Houston, TX	P	Please check approved products in BWP specs COAT 001 and COAT 002
X	X	Polyguard	Polyguard	USA	Houston, TX	A	Please check approved products in BWP specs COAT 001 and COAT 002
X	X	Innovative Composite Solutions	Neptune Reasearch	USA	Pasadena, TX	A	Please check approved products in BWP spec COAT 001
X	X	3M	3M	USA	Austin, TX	P	Please check approved products in BWP spec COAT 004
X	X	Valspar Industrial	Sherwin Williams	USA	Kansas City, MO	P	Please check approved products in BWP spec COAT 004
X	X	Axalta	Axalta	USA	Houston, TX	A	Please check approved products in BWP spec COAT 004



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COMMUNICATONS DATA RADIOS (UNLICENSED)						
X	X	4RF	End 2 End Technologies, 4RF			P Added, per Tim Young
X	X	Radwin	End 2 End, Tessco			A
X	X	GE MDS	GE MDS, End 2 End, Tessco			A
X	X	Ubiquity	BNHPhoto.com			A
X	X	Calamp	Calamp, Data Remote			A
COMMUNICATONS DATA RADIOS (LICENSED)						
X	X	4RF USA Inc.	End 2 End Technologies	USA	Centennial, CO	P
COMMUNICATONS VOICE RADIOS						
X	X	Kenwood	VEI COMMUNICATIONS	USA	Evansville, IN	P
X	X	Motorola	EMCO			P
VIDEO SERVEILLANCE						
X	X	IV&C	Able Infosat			A
X	X	OverWatch Security				P Per Mike Fithen
X	X	Stanley Security Solutions				A
COMMUNICATION - FIBER OPTICS						
	X	Cable Works				Liquid Service ONLY
X	X	Corning	Graybar	USA		P Added, per Tim Young
COMMUNICATION SHELTER						
X	X	VFP Inc	VFP Inc			P
COMPOSITE REPAIR						
X	X	Air Logistics Corporation (Aqua Wrap)			Azusa, CA	A Status, per Rodney Clayton
X	X	Armor Plate			Pasadena, TX	A Status, per Rodney Clayton
X	X	Clock Spring			Houston, TX	A Status, per Rodney Clayton
X	X	Milliken & Company (Pipe Wrap)			Spartanburg, SC	A Status, per Rodney Clayton
X	X	Omega Wrap			Tulsa, OK	A Status, per Rodney Clayton
X	X	TDW Services (Black Diamond)			Tulsa, OK	A Status, per Rodney Clayton
X	X	Western Specialties (Composite Sleeve)			Dansville, NY	A Status, per Rodney Clayton
X	X	WrapMaster			Longview, TX	A Status, per Rodney Clayton



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AML, Published 082624

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COMPRESSOR - AIR PACKAGES (INCLUDING SCREW)						
X	X	Atlas Copco	Rotary Screw Compressors	USA		A Rotary Scev units are acceptable up to 175psi. Anything above must be approved by the RCE group.
X	X	Curtis	Power Equipment			A Recips, per Garrett Williams
X	X	Gardner Denver	Pinnacle, Atlas, Power Equipment	USA	Houston, TX	A Screw--less than 175, per Garrett Williams
X	X	Ingersoll Rand	Airdyne, Air Systems	USA	Houston, TX	A Screw--less than 175 (Issues w/250psi machines), per Garrett Williams
X	X	Kaeser	Rotary Screw Compressors	USA		
X	X	Leroi	Pinnacle	USA	Pasadena, TX	A Large rotary screw
X	X	Sauer	Industrial Air Centers (IAC)			P Recip--200 psi plus, per Garrett Williams
X	X	Sullair	Industrial Air Systems	USA		C 3/15 - On HOLD. See Richard Dixon for details. Screw--less than 175, per Garrett Williams
COMPRESSOR -LUBRICATOR						
	X	Compressor Products, Inc.				A Liquid Service ONLY
COMPRESSOR - CENTRIFUGAL, MANUFACTURER						
X	X	Dresser-Rand		USA		A
X	X	Solar Turbines		USA		P Alliance requires notification if competitive bidding circumstance
COMPRESSOR - RECIPROCATING, MANUFACTURER						
X	X	Ariel		USA		P Preferred for separable
	X	CECO				Liquid Service ONLY
X	X	Cooper-Bessemer	GE Oil & Gas Compression	USA	Saint Rose, LA	A
X	X	Dresser-Rand		USA		A
	X	Ingersoll Rand				BLM--Ethylene Service ONLY
X	X	Superior	GE Oil & Gas Compression			A
COMPRESSOR - RECIPROCATING, PACKAGER						
X	X	Alegacy				Under technical review by Garrett Williams
X	X	Compressor Systems Inc.		USA	Houston, TX	A
X	X	Enerflex Ltd. Energy Systems				A
X	X	SEC		USA	Houston, TX	A
X	X	Valerus		USA	Houston, TX	A
CONDUIT, COATED						
X	X	Ocal	Rexel	USA		A
X	X	Robroy	Hannan Supply, Graybar	USA		A
CONDUIT, FLEXIBLE						
X	X	Okonite				A Seal tight and CLX
X		Crouse - Hinds				A ECLK



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AML, Published 082624

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CONTROL PANELS						
X	X	Allen Bradley				A Approved for PLC only, per Automation Group
CONTROL PANELS--FABRICATOR						
X	X	Comet Consultants, Inc.				A Per Mike Gerold (Automation Group)
CONTROL PANEL, COOLING UNITS						
X	X	EIC Solutions				A
X	X	Thermotech				A
X	X	Ice Cube				A
X	X	Thermal edge				A
CONTROLLERS, PRESSURE, TEMPERATURE, FLOW, DIFFERENTIAL GAP, HIGH-LOW						
X	X	Badger Meter, Inc.		USA	Milwaukee, WI	A Direct Replacement for Bristol. Added by Measurement Group
X	X	Becker DNGP				A Added by Measurement Group
X	X	Bristol	John H Carter	USA		R Per Measurement Group, may be used as replacement--not used on new installs
X	X	Fisher 4195 or DVC 6200				R Per Steve MacDowell (Measurement Group)
X	X	FlowService				A Liquid Service ONLY
X		Amot				A Thermostatic control valve
X		Robertshaw				R Thermostatic control valve- replacement only
X	X	Masonelian				A Added by Tim Young (Automation) Controller can not be used where gas is the supply pressure medium, can only be used with air supply.
X	X	VRG RCVC	Gulf Coast TMC or Precision Pipeline Equipment			P Preferred by Measurement Group
COOLANT--ETHYLENE GLYCOL						
X	X		Brenntag	USA	Henderson, KY	A
X	X		Coastal Chemical	USA	Houston, TX	A EG50
X	X		Gulf Coast Chemical	USA	Abbeville, LA	A Non-EG50



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CORROSION - ANODES						
X	X	All	Corrpro	USA	Houston, TX	P Also provider of test station materials, pin brazing and thermite welding materials, insulating flange kits, casing end seals, casing spacers; Anode types - Anotec Cast Iron, Magnesium, Zinc, Aluminum, Graphite, MMO
X	X	All	BK Corrsion	USA	Houston, TX	A Also provider of test station materials, pin brazing and thermite welding materials; Anotec Cast Iron, Magnesium, Zinc, Aluminum, Graphite, MMO
X	X	All	Far West Corrosion	USA	Houston, TX	A Anotec - Cast Iron, Magnesium, Zinc, Aluminum, Graphite, MMO
DEHYDRATORS - GLYCOL DEHYDRATORS AND MAJOR DEHYDRATION EQUIPMENT						
X	X	Cameron (NATCO)		USA		Technical and commercial review required before awarding bids
X	X	Engineering Technology, Inc (ETI) / John Zink Hamworthy Combustion (JZHC)		USA		A Requires audit of ETI fab shop; must approve subcontractors' requires ITP as part of Pre-production meeting, w/ BWP inspection present
X	X	Tryer Process Equipment		USA	Wichita Falls, TX	Technical and commercial review required before awarding bids. Status is pending post order review.
X	X	Enerflex		USA	Houston, TX	Approval pending most recent project
X	X	ALCO		Canada		Technical and commercial review required before awarding bids. Shop audit required
DRIERS - AIR						
X	X	Airtec	Industrial Air Centers (IAC)	USA	Jeffersonville, IN	A Status, per Garrett Williams
X	X	Atlas Copco		USA	Houston, TX	A Status, per Garrett Williams
X	X	Donaldson		USA		A Status, per Garrett Williams
	X	Ingersoll Rand				Liquid Service ONLY
X	X	Pinnacle Industries		USA	Houston, TX	A Status, per Garrett Williams
	X	ZEKS		USA		A
ELECTRICAL - AC UNINTERRUPTIBLE POWER SUPPLY						
X	X	ATC				A
	X	Eaton PowerWare				P Liquid Service ONLY
X	X	Liebert Corporation (Vertiv)				P Status, per Tim Young

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ELECTRICAL - BATTERIES						
X	X	C & D Technologies Inc.	Nolan Battery			A Per Communications Group
X	X	Deka				A Per Measurement Group (Steve MacDowell)
X	X	Energys				
X	X	PowerSonic				P Per Measurement Group (Steve MacDowell)
ELECTRICAL - BATTERIES (Communications)						
X	X	C & D Technologies Inc.	Nolan Power Group, Gulf Coast TMC			P Per Communications Group
X	X	Deka	Holderfield, Nolan Power Group			P Communications
ELECTRICAL - BATTERY CHARGERS (Communications)						
X	X	C&D Technologies	Nolan-Power Group	USA		A Per Communications Group
X	X	Mean Well	Tessco, Sager Power Systems	USA		A Per Communications & Automation Groups
X	X	Tessco		USA	Atlanta,	A Per Communications Group
ELECTRICAL - BATTERY CHARGERS						
X	X	ABC Chargers		USA		A SOLAR uses
X	X	C&D Technologies	Nolan Power Group	USA		A Per Communications Group
X	X	LaMarche				A Added, per Tim Young (Auitomation)
X	X	Mean Well	Tessco	USA		A Automation Groups
X		Puls				P Added per Measurement Group
X	X	SENS	Double E Engineering	USA	Longmont CO	C For 125VDC Complete Systems (Batteries, Charger, Panelboard)
ELECTRICAL -Rectifiers (Communications)						
X		Argus	Alpha Technologies			Comm Shelter power systems
ELECTRICAL - CABLE						
X		Alpha				A
X	X	Belden				A Per Communications, Automation & Measurement Groups
X	X	Carol				A Added, per Tim Young
X	X	Dekoron				A Added, per Tim Young
X	X	Okonite				A Per Measurement Group
X	X	Southwire				A Added per Brian Gaspard
X	X		Anixter			Distributor, not Manufacturer, per Tim Young
X	X		Houston Wire & Cable			Distributor, not Manufacturer, per Tim Young



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ELECTRICAL- CABLE TRAY							
X	X	Cooper B-Line				P	Status, per Tim Young
X	X	Thomas & Betts (T&B)				A	Added, per Tim Young
X	X	MP Husky				A	
X	X		Anixter				
X	X		Houston Wire & Cable				
ELECTRICAL - CIRCUIT BREAKERS & DISCONNECT SWITCHES							
X	X	Allen-Bradley	CED Industrial	USA	Owensboro, KY	A	
X	X	Eaton Cutler-Hammer				A	
X	X	General Electric				A	
X	X	Phoenix Contact				P	Added, per Measurement Group
X	X	Square D				A	
	X	Westinghouse					Liquid Service ONLY
ELECTRICAL- CONDUIT FITTINGS							
X	X	Appleton	Rexel	USA	Owensboro, KY	A	
X	X	Crouse- Hinds	Graybar/CED Industrial	USA	Owensboro, KY	A	
X	X	O-Z/Gedney	Rexel	USA	Owensboro, KY	A	
ELECTRICAL ENCLOSURES - HAZARDOUS LOCATIONS							
X	X	Appleton	Rexel	USA	Owensboro, KY	A	
X	X	Crouse- Hinds	Graybar/CED Industrial	USA	Owensboro, KY	A	
X	X	O-Z/Gedney	Rexel	USA	Owensboro, KY	A	
X	X	Stahlin				P	Added, per Measurement Group
ELECTRICAL ENCLOSURES - GENERAL PURPOSE							
X	X	Hoffmann				P	Added, per Tim Young
X		Stahlin				A	Added per Measurement Group
X	X	Rittal Enclosures				A	Added, per Tim Young
X	X	Great Lakes	Graybar, Anixter			P	Communications enclosure
X	X	Beldin	Graybar, Server Rack.com, Anixter			P	Communications enclosure
X	X	Gulf Coast TMC	Gulf Coast TMC			P	Communications enclosure
ELECTRICAL - GENERATOR PACKAGES							
X	X	Caterpillar	Caterpillar Power, Mustang Cat,			P	
X	X	Cummins	Cummins Crosspoint,			A	
	X	Generac	Cummins Crosspoint, ARCO	USA			Liquid Service ONLY
X	X	Waukesha	Kraft Power Systems			A	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
ELECTRICAL - LIGHTING							
X	X	ABB				A	
X	X	Crouse-Hinds				P	
X	X	RAB				A	
X	X	Lumark				A	
X	X	Hubbell				A	
X	X	Westinghouse				A	
X	X	Widelite				A	
ELECTRICAL - MOTOR CONTROL CENTERS/SWITCHGEAR							
X	X	Allen Bradley				A	
X	X	Eaton Cutler-Hammer				A	Steve Cretien request Management meeting to discuss poor service
	X	Siemens				A	
X	X	Square D				A	Status, per Tim Young
ELECTRICAL - NEUTRAL RESISTANCE GROUNDING SYSTEM							
X	X	Post Glover					Preferred by Brian Gaspard
ELECTRICAL - PANELBOARDS (Explosion-Proof)							
X	X	Crouse-Hinds	Graybar/CED Industrial	USA	Owensboro, KY	A	
X	X	O-Z/Gedney	Rexel	USA	Owensboro, KY	A	
X	X	Appleton	Rexel	USA	Owensboro, KY	A	
X	X	Eaton					
ELECTRICAL - PREFABRICATED ELECTRICAL BUILDING SKID MOUNTED [POWER CONTROL ROOM]							
X	X	Dupont		USA	Belle Rose, LA	A	
X	X	The Reynolds Company		USA	Houston, TX	A	
X	X	W-Industries / Volta LLC		USA	Houston, TX	A	
ELECTRICAL - PROTECTIVE RELAYS							
X	X	Cutler-Hammer				A	
X	X	GE Multilin				A	
X	X	Schweitzer Engineering Laboratories				A	
ELECTRICAL - SUPPLIES, COMMODITY							
X	X		CED Industrial	USA	Owensboro, KY		
X	X		General Electric Supply Co.	USA	Houston, TX		
X	X		Graybar Electric	USA	Evansville, IN		
X	X		Rexel	USA	Owensboro, KY		
X	X		Reynolds Electric	USA	Houston, TX		
X	X		Summit Electric Supply	USA	Farmington, NM		
X	X		Wholesale Electric Supply Co.	USA	Houston, TX		



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
ELECTRICAL - SWITCHGEAR - MEDIUM VOLTAGE							
X	X	ABB				A	
X	X	Eaton				A	
X	X	Siemens				A	
X	X	Allen Bradley				A	
X	X	Powell Electrical Systems					Added, per Jeff Colwell
X	X	Volta					Added, per Brian Gaspard
ELECTRICAL - SOFT STARTER - LOW VOLTAGE							
X	X	Allen Bradley				A	
X	X	Eaton				A	
X	X	Motortronics				A	
X	X	SQUARE D				A	
ELECTRICAL - SOFT STARTER - MEDIUM VOLTAGE							
X	X	Allen Bradley				A	
X	X	Eaton				A	
X	X	Motortronics				A	
X	X	SQUARE D				A	
		Benshaw					Added, per Tim Young
ELECTRICAL - VARIABLE FREQUENCY DRIVE (VFD) - LOW VOLTAGE							
X	X	Allen Bradley	CED Industrial	USA	Owensboro, KY	P	Status, per Tim Young
	X	Eaton		USA	Watertown, WI		Liquid Service ONLY
	X	Rockwell					Liquid Service ONLY
	X	Toshiba					Liquid Service ONLY
ELECTRICAL - VARIABLE FREQUENCY DRIVE (VFD) - LOW VOLTAGE - LARGE FRAME (GREATER THAN 200HP)							
X	X	Eaton		USA	Watertown, WI	P	Status, per Brian Gaspard
X	X	Yaskawa America, Inc.		USA	Waukegan, IL	A	Status, per Brian Gaspard
ELECTRICAL - VARIABLE FREQUENCY DRIVE (VFD) - MEDIUM VOLTAGE							
X	X	Benshaw					Added, per Jeff Colwell
	X	Eaton					Liquid Service ONLY
	X	Rockwell					Liquid Service ONLY
	X	Siemens					Liquid Service ONLY
	X	Toshiba					Liquid Service ONLY
X	X	ABB					Added, per Brian Gaspard
ENGINES - GAS							
X	X	Caterpillar				P	
X	X	Dresser-Rand Company				A	
X	X	GE Oil & Gas Compression				A	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments
ENGINES - GAS TURBINE						
X	X	GE Oil & Gas Compression				A Tube Bundles via GE Engine Replacement ONLY
X	X	Solar (Alliance agreement)				P
EVAPORATOR						
X	X	Samsco				P
FABRICATED ASSEMBLIES						
X	X	Big Elk Energy Systems		USA	Tulsa, OK	A
X	X	Pipeline Equipment, Inc.		USA	Tulsa, OK	A
X	X	Trade Construction		USA	Zachary, LA	A
X	X	Sagebrush		USA	Sapulpa, OK	A
FILTERS - AIR						
X	X	Air Maze		USA		
X	X	Farr		USA		
	X	Fram				Liquid Service ONLY
X	X	JONELL	CRANFORD	USA	KENNER, LA	
X	X	Universal Silencer		USA		Housings are not "Approved"
FILTRATION & SEPARATION EQUIPMENT, GAS						
X	X	Mueller Environmental Designs, Inc		USA	Brookshire, TX	A
X	X	King Tool		USA	Longview, TX	A Consult w/ Local Operations
X	X	Peerless Mfg.		USA	Dallas, TX	A Consult w/ Local Operations
X	X	Perry Equipment (PECO)		USA	Mineral Wells, TX	P Per Measurement Group, Sole Source for interconnects



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
FITTINGS - CS - Grade B							
X	X	Alloy Piping Products (APP)		USA	Shreveport, LA	P	Status, per Rodney Clayton
X	X	Canadoil Forge	DNOW LP	Canada		P	Status, per Rodney Clayton
X	X	Custom Alloy		USA	High Bridge, NJ	P	Status, per Rodney Clayton
X	X	Erne Fittings		Austria	Schlins, Austria	A	Status, per Rodney Clayton
X	X	Erne Fittings		Germany	Lohne, Gernmay	A	Status, per Rodney Clayton
X	X	Erne Fittings		Austria	Murzzuschlag, Austria	A	Status, per Rodney Clayton
X	X	EZE Flow	Allied Group	Canada	Granby, Quebec	A	Status, per Rodney Clayton
X	X	Hackney Ladish		USA	Enid, OK	P	Status, per Rodney Clayton
X	X	Hackney Ladish		USA	Russellville, AR	P	Status, per Rodney Clayton
X	X	Interfit	Allied Group	France	Maubeuge, France	A	Interfit only manufactures elbows
X	X	Mill Iron Works		USA	Gardena, CA	A	Status, per Rodney Clayton; used only when hard to find material
X	X	Tectubi Raccordi	Allied Group	Italy	Piancenza & Podenzano, Italy	P	Status, per Rodney Clayton
X	X	Tube Forgings of America (TFA)		USA	Portland, OR	P	Status, per Rodney Clayton
FITTINGS - CS FORGED							
X	X	Anvil		USA	Columbia, PA	P	Status, per Rodney Clayton
X	X	Bonney Forge		USA	Mt. Union, PA	P	Status, per Rodney Clayton
X	X	Capitol / Camco / Phoenix Forge		USA	Crowley, LA	A	Status, per Rodney Clayton; used only when hard to find material
X	X	Penn Machine Works		USA	Aston, PA	A	Status, per Rodney Clayton; used only when hard to find material
X	X	Steel Forgings Inc.		USA	Shreveport, LA	P	Status, per Rodney Clayton
X	X	WFI Bonney Forge		USA	Houston, TX	P	Status, per Rodney Clayton
FITTINGS - CS PIPE NIPPLES							
X	X	Anvil - Beck	DNOW LP	USA	Greencastle, PA	A	Status, per Rodney Clayton
X	X	Capitol / Camco / Phoenix Forge	DNOW LP	USA	Crowley, LA	A	Status, per Rodney Clayton
X	X	Gibson Products	DNOW LP	USA	Houston, TX	A	Status, per Rodney Clayton
X	X	Mill Iron Works	DNOW LP	USA	Gardena, CA	A	Status, per Rodney Clayton
X	X	Penn Machine Works	DNOW LP	USA	Ashton, PA	A	Status, per Rodney Clayton
X	X	Penn Machine - Texas PMW	DNOW LP	USA	Houston, TX	A	Status, per Rodney Clayton
X	X	Precision Components	DNOW LP	USA	Houston, TX	A	Status, per Rodney Clayton
X	X	WFI Bonney Forge	DNOW LP	USA	Houston, TX	P	Status, per Rodney Clayton
X	X	Westbrook Manufacturing	DNOW LP	USA	Houston, TX	A	Status, per Rodney Clayton
X	X	Wisconsin Nipple (Ward Mfg)	DNOW LP	USA	Milwaukee, WI	A	Status, per Rodney Clayton



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
FITTINGS - CS -Y-GRADE							
X	X	CFC Canadoil Inc		Canada		P	Status, per Rodney Clayton
X	X	Ezefflow	Allied Group	Canada	Grandy, Quebec	A	Status, per Rodney Clayton
X	X	Hackney Ladish (Trinity)	Hackney Ladish Inc.	USA	Enid, OK & Russellville, AR	P	Status, per Rodney Clayton
X	X	Steel Forgings Inc		USA	Shreveport, LA	P	Status, per Rodney Clayton
X	X	Tectubi Raccordi	Allied Group	Italy	Piancenza & Podenzano, Italy	P	Status, per Rodney Clayton
FITTINGS - SS							
X	X	Alloy Piping Products (APP)		USA	Shreveport, LA	P	Status, per Rodney Clayton
X	X	Canadoil Forge	DNOW LP	Canada		P	Status, per Rodney Clayton
X	X	Custom Alloy	DNOW LP	USA	High Bridge, NJ	A	Status, per Rodney Clayton
X	X	Erne Fittings	DNOW LP	Germany		A	Status, per Rodney Clayton
X	X	EZE Flow	Allied Group	Canada	Granby, Quebec	A	Status, per Rodney Clayton
X	X	Flowline	Allied Group	USA	New Castle, PA	A	Status, per Rodney Clayton
X	X	Tectubi Raccordi	Allied Group	Italy	Piancenza & Podenzano, Italy	P	Status, per Rodney Clayton
X	X	WFI Bonney Forge	DNOW LP	USA	Houston, TX	P	Status, per Rodney Clayton
FITTINGS - SS FRGD							
X	X	Capitol / Camco / Phoenix Forge	DNOW LP	USA	Crowley, LA	A	Status, per Rodney Clayton
X	X	Penn Machine - Texas PMW	DNOW LP	USA	Houston, TX	A	Status, per Rodney Clayton
X	X	Penn Machine Works	DNOW LP	USA	Aston, PA	A	Status, per Rodney Clayton
X	X	WFI Boney Forge	DNOW LP	USA	Houston, TX	P	Status, per Rodney Clayton
FITTINGS - SS PIPE NIPPLES							
X	X	Capitol / Camco / Phoenix Forge	DNOW LP	USA	Crowley, LA	A	Status, per Rodney Clayton
X	X	Penn Machine Works	DNOW LP	USA	Aston, PA	A	Status, per Rodney Clayton
X	X	Penn Machine - Texas PMW	DNOW LP	USA	Houston, TX	A	Status, per Rodney Clayton
X	X	Swagelok	Swagelok Cincinnati; Capital Valve & Fitting Co.; Brazoria Valve & Fitting	USA	Cincinnati, OH Westlake, LA Richwood, TX	P	Per Measurement Group, Two ferrule fitting
X	X	WFI Bonney Forge	DNOW LP	USA	Houston, TX	P	Status, per Rodney Clayton
FITTINGS - EXTRUSIONS HEADERS/TEES							
X	X	CFC Canadoil, Inc	CFC Canadoil, Inc	Canada	Quebec, Canada	P	Status, per Rodney Clayton
X	X	Hackney Ladish (Trinity)	Hackney Ladish Inc.	USA	Russellville, AR	P	Status, per Rodney Clayton
X	X	Steel Forgings	Steel Forgings Inc.	USA	Shreveport, LA	P	Status, per Rodney Clayton
X	X	Taylor Forge Engineered Systems, Inc.				A	Status, per Rodney Clayton
X	X	WeldFit		USA	Houston, TX	A/C	Weld procedures to be reviewed and approved for all orders.
FITTINGS - FULL ENCIRCLEMENT SADDLE							
X	X	Steel Forgings Inc.		USA	Shreveport, LA	A	
X	X	WeldFit		USA	Houston, TX	A	



Boardwalk Approved Manufacturer Listing (AML)

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
FITTINGS - GREASE							
X	X	Sealweld		Canada	Calgary, Alberta	A	Flow Wolf Fitting standard grease fitting for valves
FITTINGS - HOT TAP							
X	X	T.D. Williamson	TDW Services Inc	USA	Tulsa, OK	P	Status, per Rodney Clayton
X	X	WeldFit		USA	Houston, TX	A	Status, per Rodney Clayton
FITTINGS - STOPPLE							
X	X	T.D. Williamson	TDW Services Inc	USA	Tulsa, OK	P	Status, per Rodney Clayton
FITTINGS - TUBING							
X	X	Parker Hannifin (A-Lok)				A	Two ferrule fitting; Added, per Measurement Group
X	X	Swagelok	Swagelok Cincinnati; Capital Valve & Fitting Co.; Brazoria Valve & Fitting	USA	Cincinnati, OH Westlake, LA Richwood, TX	P	Per Measurement Group, Two ferrule fitting
FLAME ARRESTORS							
X	X	AMAL	Wilsher Co.	USA			
X	X	Det-Tronics		USA			
X	X	Enardo		USA			
X	X	Fireye		USA	Derry, NH		
X	X	Flameco Industries		USA	Tulsa, OK		
X	X	Groth Corp.	Groth	USA	Stafford, TX		
X	X	Honeywell		USA			
X	X	Protectoseal		USA	Bensonville, IL		
FLAME DETECTORS							
X	X	Fire Sentry		USA		A	For Existing structures only
X	X	General Monitors		USA		P	Status P, per Tim Young--New structures
X		Det Tronics				C	For Petal Area and Solar turbine enclosures
FLANGES CS							
X	X	AF Global (AmeriForge)	DNOW LP	USA	Houston, TX	P	All brands of AmeriForge are approved, including Coffer, AmeriForge, Texas Metals, etc.
X	X	Boltex Mfg. Co.		USA	Houston, TX	P	Status, per Rodney Clayton
X	X	DL Flange	Allied Group	USA	Houston, TX	A	
X	X	Federal Flange		USA	Houston, TX	P	Status, per Rodney Clayton
X	X	Galperti Inc		USA	Houston, TX	P	Status, per Rodney Clayton
X	X	Tri-Lad	Allied Group	USA	Houston, TX	A	Status, per Rodney Clayton
X	X	WFI Bonney Forge		USA	Houston, TX	P	Status, per Rodney Clayton



Boardwalk Approved Manufacturer Listing (AML)

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments
FLANGES -- LONG WELD NECK						
X	X	Forged Vessel Connections	DNOW LP	USA	Houston, TX	P Limited to vessel fabrication ONLY: unless, otherwise approved by Boardwalk (per Rodney Clayton)
FLANGES SS						
X	X	AF Global (AmeriForge)	DNOW LP	USA	Houston, TX	P All brands of AmeriForge are approved, including Coffey, AmeriForge, Texas Metals, etc.
X	X	Galperti	DNOW LP	USA	Houston, TX	P Status, per Rodney Clayton
X	X	Galperti	DNOW LP	Italy	Agata, Italy	A Status, per Rodney Clayton
X	X	Kerkau	DNOW LP	USA	Bay City, MI	A Status, per Rodney Clayton
X	X	Maass Flange	DNOW LP	USA	Houston, TX	A Status, per Rodney Clayton
X	X	Metalfar	DNOW LP	Italy	Cesana Brianza	A Status, per Rodney Clayton
X	X	Tri-Lad Flanges	Allied Group	USA	Missouri City	A Status, per Rodney Clayton
X	X	WFI Bonney Forge	DNOW LP	USA	Houston, TX	P Status, per Rodney Clayton
FLARES						
	X	Flare Industries / Aereon				Liquid Service ONLY
X	X	Gulf Coast Environmental Systems		USA	Conroe, TX	A
X	X	Zeeco		USA	Broken Arron, OK	A
FLOW COMPUTERS, ELECTRONIC						
X	X	Bristol		USA		P Per Measurement Group, sole source for the pipeline
	X	Omni		USA	Houston, TX	P Liquid Service ONLY
FLOW CONDITIONER (ALL METERS)						
X	X	CPA				P Per Measurement Group, sole source
GAS DETECTION						
X		General Monitors				P
X		Detronics				C Where existing at site
X		Zellweger				R Replacements only
GAS SAMPLER						
X	X	Y Z Industries				P Per Measurement Group, sole source
GASKETS - CUT SHEET						
X	X	Garlock	DNOW LP	USA	Palmyra, NY	
X	X	Lamons	DNOW LP	USA	Houston, TX	
GASKETS - INSULATING						
X	X	PSI (GPT Industries)	Pipeline Supply & Service	USA	Houston, TX	P
X	X	Advanced Products and Services (APS)	PPSC - Pipeline Products Specialty Company	USA	Houston, TX	P John Broussard - 281-381-8715, john@PipelinePSC.com
X	X	Pikotek	Pipeline Supply & Service	USA	Houston, TX	P



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
GASKETS - RING JOINT							
X	X	Dan-Loc	DNOW LP	USA	Houston, TX		
X	X	Flexitallic	DNOW LP	USA	Deer Park, TX		
X	X	Lamons	DNOW LP	USA	Houston, TX		
X	X	Wolar	DNOW LP	USA	Houston, TX		
GASKETS - SPIRAL WOUND							
X	X	Dan-Loc	DNOW LP	USA	Houston, TX		
X	X	Flexitallic	DNOW LP	USA	Deer Park, TX		
X	X	Garlock	DNOW LP	USA	Palmyra, NY		
X	X	Lamons	DNOW LP	USA	Houston, TX		
X	X	Wolar	DNOW LP	USA	Houston, TX		
GAUGE - PRESSURE							
X	X	3D Instrument	Arco Engineering	USA	Louisville, KY	A	
X	X	Ametek -US Gauge				A	
X	X	Ashcroft				A	
X	X	Wika				A	
GAUGE - DIFFERENTIAL PRESSURE (inches H2O)							
X		Dwyer Magnehelic				A	Generally used on air inlet filtration
GAUGE - DIFFERENTIAL PRESSURE							
X	X	Ashcroft				A	
	X	Key Instruments					Liquid Service ONLY
X		Dwyer				A	
GAUGE - TEMPERATURE INCLUDING THERMOWELL							
X	X	Ametek-US Gauge				A	
X	X	Ashcroft				A	
GAUGE - VALVE							
X	X	Andererson-Greenwood	DNOW	USA	Houston, TX	A	
X	X	Emerson (Rosemount)				A	
X	X	Swagelok				A	
X		Ashcroft				A	
GENERATOR SETS - COMMUNICATIONS (less than 100 KW)							
X	X	Cummins Onan	Cummins Crosspoint, LLC	USA	Evansville, IN		Added, per Tim Young
	X	Generac		USA			Liquid Service ONLY
GENERATOR SETS - COMMUNICATIONS (Mobile trailer mounted)							
X	X	Wacker Neuson				A	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
GROUT PROVIDERS							
X	X	Eagle Compression LLC				A	
X	X	Dresser-Rand (Arrow)				A	
X	X	Iron Horse Energy Services				A	
X	X	M&M Precision Grouting				A	
HEAT EXCHANGER/GAS COOLER - AIR COOLED							
X	X	AXH Air Coolers	Eads	USA		A	
X	X	East Texas Radiator		USA		A	
X	X	Harsco Industrial Hammco LLC		USA		A	
X	X	HEI		USA			
X	X	Hudson Products		USA			
X	X	Kelvion (formerly GEA Rainey)		USA		A	
X	X	Smithco Engineering Inc.		USA		A	
HEAT EXCHANGER - SHELL & TUBE							
X	X	Global Fabrication Inc.		USA	DuBois, PA		
X	X	Heat Exchanger Design, Inc		USA	Tulsa, OK		
X	X	Koch		USA	Houston, TX		
X	X	KW International		USA	Houston, TX		
HEAT TRACE							
X	X	Chromalox				A	
X	X	Raychem				A	
X	X	Thermon				A	
HEATER - CATALYTIC							
X	X	Bruest	Bruest Catalytic Heaters	USA	Independence, KS	A	
X	X	CATCO	Coastal Engineering Equipment Sales LLC, Marieco Inc., Gulf Coast TMC LLC	USA	Terrell, TX	A	
HEATER - GAS INDIRECT FIRED							
X	X	Devco Process Heaters		USA	Tulsa, OK	A	
X	X	OGI Process Equipment		USA	Sand Springs	A	Water Bath Heater
	X	Sigma Thermal					Liquid Service ONLY
IGNITIONS - ENGINE							
X		Altronic	Sulzer, ISC,			P	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
INSTRUMENT - DRYER, FILTERS							
	X	Balston		USA		P	Liquid Service ONLY
X	X	Becker		USA	Houston, TX	A	
	X	Pneumatech					Liquid Service ONLY
X	X	Welker		USA	Houston, TX	P	
X		Fisher				A	
X		Donaldson				A	
X		IMAC				A	Added by Measurement
INSERTION PROBE REGULATORS							
X	X	Y Z Industries				A	
X	X	Welker				A	
X	X	A + Genie				P	
LEVEL SWITCHES							
X	X	Gems	Gems Sensor Division	USA	Connecticut		
X	X	Process Level Technologies					Added by Tim Young
X		Magnetrol				A	
X		Penberthy				A	
X		Mallard 3100 D				A	Added per Measurement for Production Skids
LUBE OIL							
X	X	Chevron	Chevron	USA	San Ramon, LA		
	X	MobilOne Synthetic					Liquid Service ONLY
X	X	Phillips66	Phillips 66	USA	Houston, TX		
X	X	Shell Oil Lubricants US	Shell	USA	Houston, TX		
METER - CORIOLIS							
	X	Micro Motion (Emerson)		USA		P	Added per Measurement
METER TUBE SKID FABRICATOR - ORIFICE							
	X	Accurate Measurement					Liquid Service ONLY
X	X	Big Elk Energy Systems		USA	Tulsa, OK	A	Large Bore 8" and greater
X	X	Circle B Measurement & Fabrication		USA	Tulsa, OK	A	
X	X	L&S Proline		USA	Montgomery, TX	A	Per Measurement (Steve MacDowell) Review/approval of weld procedures and third party inspection during fabrication required
X	X	Pipeline Equipment, Inc.		USA	Tulsa, OK	A	Selected for CBH
X	X	Star Measurement Sales & Services		USA	Lafayette, LA	P	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
METER TUBE SKID FABRICATOR - TURBINE AND ROTARY							
X		Big Elk Energy Systems		USA	Tulsa, OK	A	Large Bore 8" and greater
X	X	Circle B Measurement & Fabrication		USA	Tulsa, OK	A	
X		L&S Proline		USA	Montgomery, TX	A	Per Measurement (Steve MacDowell) Review/approval of weld procedures and third party inspection during fabrication required
X		Pipeline Equipment, Inc.		USA	Tulsa, OK	P	
X		Star Measurement Sales & Services		USA	Lafayette, LA	P	
METER TUBE SKID FABRICATOR - ULTRASONIC							
X	X	Big Elk Energy Systems		USA	Tulsa, OK	A	Large Bore 8" and greater
X	X	Circle B Measurement & Fabrication		USA	Tulsa, OK	A	
X	X	L&S Proline		USA	Montgomery, TX	A	Per Measurement (Steve MacDowell) Review/approval of weld procedures and third party inspection during fabrication required
X	X	Pipeline Equipment, Inc.		USA	Tulsa, OK	P	Selected for CBH
X	X	Star Measurement Sales & Services		USA		P	
METER - ORIFICE							
X	X	Daniel Measurement & Control		USA	Houston, TX	P	Sole Source
METER - ULTRASONIC							
X	X	Emerson-Rosemount				A	USM Model 3415 4+1 on 8" and above. Previously manufactured by Daniels. Effective 1/30/23
X	X	Elster-Instromet (Honeywell)		USA		A	Added per Measurement
X	X	Sick Inc.				P	Flowsic600-XT 4+1 meter for 8" and Above. Flowsic600-XT 4 path meter for < 8"
METER - PROVERS							
X	X	American Meter Company		USA		A	
	X	Brookes					Liquid Service ONLY
	X	Flow FMD					Liquid Service ONLY
	X	Huntingwell					Liquid Service ONLY
	X	Star Measurement Sales & Services					Liquid Service ONLY
X	X	Weamco Metric		USA	Sapulpa, OK	A	
METER - ROTARY							
X	X	Dresser Roots / GE		USA	Houston, TX	P	Sole Source
METER - TURBINE							
	X	Daniels		USA	Houston, TX	P	Liquid Service ONLY
X	X	Sensus	Equipment Controls	USA		P	Sole Source



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
ODORANT							
X	X	Bayou Engineering	Bayou Engineering	USA		A	
ODORIZER							
X		YZ INDUSTRIES				A	Injection pump type. Need three choices.
OIL HEATERS							
X	X	Chromalox				A	
X	X	Kim Hot Start				A	
ORIFICE PLATES - GAS MEASUREMENT							
X		Daniel Measurement & Control		USA	Houston, TX	A	
X	X	Kelley Orifice Plates	K&I Instruments	USA	Louisille, KY	A	
ORIFICE PLATES - FLOW RESTRICTION (aka "Restriction Orifice")							
X	X	Aitken		USA	Houston, TX	A	
X	X	Kelley		USA	Texakana, TX	A	
PIGS							
X	X	TDW Services Inc.		USA	Tulsa, OK	C	
X	X		Coating Supply & Service Co LLC	USA		A	
X	X		Drinkwater	USA		P	
X	X		Enduro Pipeline Services	USA		A	
X	X		Inline Pigging Products			A	
X	X		Pipeline Supply & Service			A	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
PIPE - CS HIGH FREQUENCY WELD (HFW)							
X	X	American Steel Pipe		USA	Birmingham, AL	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Axis Pipe & Tube		USA	Bryan, TX	C	Per Rodney Clayton, approved only for Distributor Pipe
X	X	Boomerang Tube		USA	Liberty, TX	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	CSI (California Steel Industries)		USA	Fontana, CA	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Corinth Pipe Works S.A.		ITALY	Dombrena, Greece	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Dura-Bond		USA	McKeesport, PA	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	EVRAZ		CANADA	Camrose, Canada	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	EVRAZ		CANADA	Regina, Canada	A	Per Rodney Clayton; audited and qualified for mill rolling
X	X	IPSCO		USA	Camanche, IA	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	JFE Steel Corp./Chita Works & East Japan Works (Keihin)		JAPAN	Handa City, Japan Kawasaki City, Japan	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Jindal Pipe USA		USA	Baytown, TX	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Wheatland Tube / EnergeX Tube		USA	Warren, OH	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Nippon Steel & Sumitomo Metal Corp./Nagoya Works & Oita Works (Hikari Pipe & Tube)		JAPAN	Hikari City, Japan	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Salzgitter Mannesmann Line Pipe GmbH/Siegen Facility		GERMANY	Siegen, Germany	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Stupp		USA	Baton Rouge, LA	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Tenaris - Hickman		USA	Hickman, AR	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Tex-Tube		USA	Houston, TX	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	US Steel - Texas Works		USA	Lone Star, TX	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Welspun		USA	Little Rock, AR	A	Per Rodney Clayton, Audited and Qualified for mill rolling



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments
PIPE - CS - SEAMLESS (SMLS)						
X	X	Alliance Tubular / PTC Alliance		USA	Darlington, PA	C Per Rodney Clayton, approved for ASTM A106 pipe only
X	X	Benteler Steel/Tube		USA	Shreveport, LA	A Per Rodney Clayton; audited & qualified for mill rolling
X	X	Nippon Steel & Sumitomo Metal Corp/Wakayama Works		JAPAN	Wakayama City, Japan	C Per Rodney Clayton; approved for distributor only
X	X	Michigan Seamless Tube		USA	South Lyon, MI	C Per Rodney Clayton, approved for ASTM A106 pipe only
X	X	Tenaris - Algoma		CANADA	Sault, Ste. Marie, Canada	C Per Rodney Clayton; approved for distributor only
X	X	Tenaris - Dalmine		Italy	Bergamo, Italy	C Per Rodney Clayton; approved for distributor only
X	X	Tenaris - NKK		JAPAN	Kawasaki, Japan	C Per Rodney Clayton; approved for distributor only
X	X	TMK IPSCO (Koppel)		USA	Ambridge, PA	C Per Rodney Clayton; approved for distributor only
X	X	U.S. Steel		USA	Lorain, OH	C Per Rodney Clayton; approved for distributor only
X	X	U.S. Steel		USA	Fairfield, AL	A Per Rodney Clayton; audited & qualified for mill rolling
X	X	V&M Star / Vallourec Star		USA	Youngstown, Ohio	C Per Rodney Clayton; approved for distributor only



Boardwalk Approved Manufacturer Listing (AML)

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
PIPE - CS -DOUBLE SUBMERGED ARC WELDED (DSAW/LSAW)							
X	X	Berg Steel		USA	Panama City, FL	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Durabond Pipe		USA	Steelton, PA	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Europipe Gmbh		GERMANY	Mulheim an der Ruhr, Germany	C	Per Rodney Clayton; approved for distributor only
X	X	Evrz (Camrose)		Canada	Camrose, Canada	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	ILVA		ITALY	Taranto, Italy	C	Per Rodney Clayton; approved for distributor only
X	X	JFE Steel Corp. (West Japan Works)		JAPAN	Fukuyama, Japan	C	Per Rodney Clayton; approved for distributor only
X	X	JSW Steel USA		USA	Baytown, Texas	C	Per Rodney Clayton; Audited and Qualified for mill rolling, Distributor pipe purchases must be approved by Pipeline Safety Department
X	X	Nippon Steel & Sumitomo Metal Corp/Kashima/Kimitsu Works		JAPAN	Kashima, Japan Kimitsu, Japan	C	Per Rodney Clayton; approved for distributor only
X	X	Liberty Pipes (formerly Tata / Corus – British Steel)		UK	Hartlepool, UK	C	Per Rodney Clayton; approved for distributor only
X	X	Tenaris - Confab Tubos		BRAZIL	Pindoamonhangaba, Brazil	C	Per Rodney Clayton; approved for distributor only



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
PIPE - CS -HELICAL SUBMERGED ARC WELDED (HSAW)							
X	X	Berg Steel		USA	Mobile, AL	P	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Corp/Kashima/Kimitsu Works		JAPAN	Kimitsu, Japan	C	only
X	X	Jindal Tubular USA		USA	Bay St. Louis, MS	A	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Stupp		USA	Baton Rouge, LA	P	Per Rodney Clayton, Audited and Qualified for mill rolling
X	X	Welspun		USA	Little Rock, AR	A	Per Rodney Clayton, Audited and Qualified for mill rolling
PIPE - SS - SEAMLESS (SMLS)							
X	X	Centravis		UKRAINE	Nikopol, Ukraine	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Kobelco Steel Tube		JAPAN	Shimonoseki, Yamaguchi, Japan	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Kuze Bellows Kogyosho		JAPAN	Ishikawa, Japan	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	NSSMC (Nippon Steel)		JAPAN	Hikari, Yamaguchi, Japan	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	NSSMC (Sumitomo Metals)		JAPAN	Wakayama, Japan	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	PCC Rollmet (Kaiser Electroprecision)		USA	Irvine, CA	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Pexco		USA	Clarks Summit, PA	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Productos Tubulares		SPAIN	Valle de Trapaga, Vizcaya, Spain	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Salzgitter Mannesmann		FRANCE	Montbard, France	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Salzgitter Mannesmann		GERMANY	Remscheid, Germany	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Sanyo Special Steel		JAPAN	Himeji, Japan	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Schoeller Bleckmann		AUSTRIA	Ternitz, Austria	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Schulz Xtruded Products, LP (SXP)		USA	Robinsonville, MS	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Tubacex		SPAIN	Llodio/Amurrio, Spain	C	Per Rodney Clayton; approved only for Distributor Pipe
X	X	Wyman Gordon		USA	Houston, TX	C	Per Rodney Clayton; approved only for Distributor Pipe



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments
PUMP - BOOSTER - BRINE WATER						
	X	CPC				Liquid Service ONLY
PUMP - BOOSTER - FRESH WATER						
	X	CPC				Liquid Service ONLY
PUMP - CENTRIFUGAL						
X	X	Aurora				Vertical/Horizontal
X	X	Fisher Industries Inc				Vertical
X	X	Flowserve				Vertical/Horizontal
X	X	Gould's				Vertical/Horizontal
X	X	Peerless				
X	X	Sulzer				Vertical/Horizontal
X	X	Sundyne Corporation				Vertical/Horizontal
PUMP - CENTRIFUGAL (REMANUFACTURED)						
X	X	Best Pumpworks				
PUMP - HORIZONTAL CAN PUMP						
X	X	DXP				
X	X	KM Specialty Pumps & Systems, Inc				
X	X	Weatherford				
X	X	Wood Group (GE Oil and Gas / Baker Hughes)				
	X	Summit				Liquid Service ONLY
PUMP - GLYCOL - ELECTRIC/POSITIVE DISPLACEMENT/DIAPHRAM						
X	X	Kimray		USA		
X	X	National Oilwell		USA	Houston, TX	
X	X	Union		USA		
X	X	Weatherford				
PUMP - GLYCOL - ENERGY EXCHANGE						
X	X	Kimray		USA		
PUMP - METHANOL						
X	X	Texsteam	DNOW	USA		Used commonly on hydrostatic tests
PUMP - PACKAGER, UTILITY						
X	X		Master Pump & Equip.			
X	X		Argo Industrial\			
PUMP - VERTICAL TURBINE						
X	X	Peerless				
	X	Weir Pumps, Ltd	Pumps Solution	USA	Covington, LA	Liquid Service ONLY

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
RECTIFIER							
X	X	Cathodic Rectifiers, Inc	Cathodic Rectifiers, Inc	USA	Longview, TX	A	
X	X	Corrpro (Corrpower)	Corrpro	USA	Houston, TX	A	
X	X	JA Electronics	BK Corrosion	USA	Houston, TX	A	
X	X	Universal Rectifier	Universal Rectifier	USA	Houston, TX	P	
REGULATOR - INSTRUMENT GAS							
	X	A+	Gulf Coast TMC	USA	Baton Rouge, LA	P	Liquid Service ONLY; Heated Regulator
X	X	Fisher	Cornerstone Controls; Experitec, Inc; John H. Carter	USA	McKinney, TX	P	
	X	GO	Andon	USA	Baton Rouge, LA	P	Liquid Service ONLY; Heated Regulator
X	X	MEECO				A	
REGULATOR CONTROL VALVE - SKID FABRICATOR							
	X	Accurate Measurement					Liquid Service ONLY
X	X	Big Elk Energy Systems		USA	Tulsa, OK	A	Large Bore 8" and greater
X	X	Circle B Measurement & Fabrication		USA	Tulsa, OK	A	
X	X	L&S Proline		USA	Montgomery, TX	A	Per Measurement (Steve MacDowell) Review/approval of weld procedures and third party inspection during fabrication required
X	X	Pipeline Equipment, Inc.		USA	Tulsa, OK	P	Per Measurement (Steve MacDowell)
X	X	Star Measurement Sales & Services		USA		A	Per Measurement (Steve MacDowell)
REPAIR SLEEVES							
X	X	Allan Edwards		USA		A	Half Soles & Weldovers
X	X	Blue Star Stampling		USA		A	Half Soles & Weldovers
X	X	Dresser Piping Specialties		USA		A	Half Soles & Weldovers
X	X	PLIDCO		USA		A	Bolt on Split-Sleeve ONLY
RTD/THERMOCOUPLE							
X	X	JMS				A	Added, per Tim Young
X	X	PGI				A	Added, per Measurement Group
X		Rosemount				A	
SIGNS							
X	X	Vulcan Utility Signs		USA	Foley, AL		
SILENCER - BLOW DOWN							
X	X	Maxim Silencers, Inc.		USA		A	
X	X	Miratech		USA		A	
X	X	Mueller Environmental Designs, Inc.		USA		A	
X	X	CECO Burgess-Aarding		USA	Orchard Park, NY	A	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
SILENCERS - MUFFLERS							
X	X	Mueller Environmental Designs, Inc.		USA			Acceptable for turbine and reciprocating unit applications, per Garrett Williams
X	X	Universal Silencer, LLC		USA			Acceptable for turbine and reciprocating unit applications, per Garrett Williams
STRAINER							
X		Aitken Manufacturing		USA	Houston, TX	P	Preferred by Engineering
X	X	Keckley				P	Added, per Measurement Group
X	X	Weamco		USA	Sapulpa, Ok	A	
STROBES ALARM/WARNING							
X	X	Crouse Hinds				A	Added, per Tim Young
X		Kilark				A	
X		Federal Signal				A	
SUPPORTS - PIPE							
X	X	E-Z Line Pipe Support Co.		USA	Manvel, TX	P	
X	X	L&S ProLine		USA	Montgomery, TX	A	
X	X	Sawyer Manufacturing Co.		USA	Tulsa, OK	A	
SWITCH - AUTOMATIC TRANSFER							
X	X	ASCO				A	Approved for communications
X		Cummins				A	Communications Shelters (and with small <100KW generators)
X		Square D				A	
X		Eaton				A	
SWITCH - FLOW							
X		Ameritrol				A	
X		GEMS				A	
SWITCH - LEVEL							
X	X	Gems	Gems Sensor Division	USA	Connecticut		
X	X	Process Level Technologies					Added by Tim Young
X		Magnetrol				A	
X		Penberthy				A	
X		Mallard 3100 D				A	Added per Measurement for Production Skids



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments
SWITCH - LIMIT						
X	X	Westlock		USA		A Per Measurement Group (Steve MacDowell); Magnetic Proximity ONLY (not mechanical)
X		Topworks				A Per Measurement Group (Steve MacDowell); Magnetic Proximity ONLY (not mechanical)
X		Stonel				P Status per Automation Services
X		GO Switches				A Added by Automation Services
X		SOLDO Controls				A Per Measurement Group (Steve MacDowell); Magnetic Proximity ONLY (not mechanical)
SWITCH - PRESSURE						
	X	Allen-Bradley				A Liquid Service ONLY
X	X	Custom Controls Sensors	Colesco	USA	Cincinnati, OH	A Added, per Tim Young
X	X	Magnehelic				A Added, per Tim Young
	X	Murphy				A Liquid Service ONLY
X	X	Neo-Dyn	ML Johnson	USA	Houston, TX	P Status confirmed, per Tim Young
SWITCH - PRESSURE, DIFFERENTIAL						
X	X	Dwyer	Rawson & Co.	USA	Houston, TX	A Status confirmed, per Tim Young
X	X	Magnehelic				A Status confirmed, per Tim Young
	X	Murphy				Liquid Service ONLY
X	X	Neo-Dyn	ML Johnson	USA	Houston, TX	A
SWITCH - TEMPERATURE						
X	X	Custom Control Sensors	Colesco	USA	Cincinnati, OH	Added, per Tim Young
	X	Murphy				Liquid Service ONLY
X		Amot				A
TANK - AIR RECEIVER (ASME)						
X	X	Globe				C Added, per Garrett Williams (Asset Reliability); 3rd Party inspection required
X	X	Industrial Air Centers		USA	Jeffersonville, IN	
X	X	Manchester Tank		USA	Bedford, IN	
X	X	Pressure Vessel, Inc		USA	Oklahoma City, OK	
X	X	Wessels Company		USA	Chicago, IL	



Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
TANK - NON-PRESSURE (CONDENSATE)							
X	X	Baker Tank Co.		USA	Arp, TX		
X	X	Lide Industries					
X	X	Modern Welding					
X	X	Palmer Mfg. & Tank Inc					
X	X	Smith Tank & Equipment					
X	X	Southern Tank		USA	Owensboro, KY		
THERMAL OXIDIZER							
X	X	Engineering Technology, Inc (ETI) / John Zink Hamworthy Combustion (JZHC)		USA		A	Requires audit of ETI fab shop; must approve subcontractors' requires ITP as part of Pre-production meeting, w/ BWP inspection present
X	X	Gulf Coast Environmental Systems		USA	Conrad, tX	P	
X	X	Zeeco		USA	Broken Arron, OK	A	
THERMOWELL							
X	X	Anderson Greenwood (Emerson)				A	
X	X	PGI				P	
X		Rosemount				A	
TOWER LIGHTING							
X		Flash Technology	Flash Technology			P	
TRANSMITTER - LEVEL							
	X	K-Tech					Liquid Service ONLY
X	X	Magtech				A	Added, per Tim Young
X		Orion				A	
X		Rosemount				A	
TRANSMITTER - PRESSURE, TEMPERATURE, DP, MVT							
X	X	ABB		USA	Houston, TX	P	ABB Multivariable Transmitter preferred as Primary
	X	Honeywell	AWC	USA	Baton Rouge, LA	P	Liquid Service ONLY
X	X	NoShok		USA	Beream OH	A	1-5vdc pressure transmitter
X	X	Rosemount (Emerson)				P	



Boardwalk Approved Manufacturer Listing (AML)

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
VALVE - AXIAL CHECK							
X	X	Mokveld		Netherland	Gouda	A	Mokveld's standard "short pattern" complies with all requirements of API 6D except the end-to-end dimensions. A "long pattern" valve can be purchased at an increased cost that fully complies with API 6D. It is recommend that valves be ordered with a shop primer and be coated once received in the US or at the job site.
VALVE - BALL (API6D Trunnion only)							
X	X	Balon Corporation		USA	Oklahoma City, OK	A/C	Only T series approved
X	X	Cameron	Cameron VALVE & Measurement	USA	Ville Platte, LA, Voghera, Italy	P	
X	X	Delta (Valvitalia)	Quarter Turn Resources Inc	ITALY	Rivanazzano, Italy	P	
X	X	Grove	Cameron VALVE & Measurement	USA	Ville Platte, LA, Voghera, Italy	A	
X	X	KF ("Made in Houston" Only)		USA	Houston, TX	A/C	Only Series WB & Series P3/M3; Must be made in Houston
X	X	Kitz	Multiple Valve Distributors	Multi-national		A	Valves must be re-tested in USA, and have testing witnessed by a Boardwalk Representative. Re-testing requirements to be outlined on the PO
X	X	Perar	Patton Myhre	Italy	Rescaldina, Italy	A	Approved Model EC & EB (bolted body) and ModelWB (welded body)
X	X	Perrin	Multiple Valve Distributors	Multi-national		A	Valves must be re-tested in USA, and have testing witnessed by a Boardwalk Representative. Re-testing requirements to be outlined on the PO
X	X	SCV	Edgen Murray	USA	Sante Fe, TX	A	
X	X	Warren Valve Engineered Products	Allied Group	USA	Missouri City, TX	P	Check w/ Warren Valve Engineered Products for current availability
X	X	WKM	Cameron	USA	Oklahoma City, OK	A/C	Must be made in OKC (≤ 16"); Valves are only made to API 6D requirements.
X	X	Valbart	Flowserve US Inc.	USA, Italy	Sulpher Springs, TX, Mezzago, Italy	A/C	PPM and 3rd Party Inspection recommended on direct orders.



Boardwalk Approved Manufacturer Listing (AML)

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments
VALVE - BALL VALVE FLOATING (under 2")						2" Threaded end floating ball valves are acceptable if manufactured to ASME B16.34
X	X	Apollo			Myrtle Beach, SC	P/C Only Models 83B, 86B, 87A and 88A are approved
X	X	Balon	DNOW LP	USA	Oklahoma City, OK	P/C Only Series F Approved
X	X	Keckley		Taiwan	Tiachung, Taiwan	P/C Only Models BVM3, BVS6, BVS3, and BVSC are approved. Model BVM3 is approved for Socket Weld w/ extension.
X	X	KF ("Made in Houston" Only)	DNOW LP	USA	Houston, TX	A/C Only Series CF/CFH/CFXH/ & Series F/FE are approved; Must be made in Houston
X	X	Quadrant	DNOW LP	Taiwan	Tiachung, Taiwan	P/C Model M2 is approved for Socket Weld w/ extension; must ensure we purchase extension when using Model M2. In addition, Model S3 threaded end valve approved.
X	X	Warren Valve Engineered Products	Allied Group	China & Taiwan		P/C Only Series W35, W36, W60, & W65 are approved
VALVE - CHECK						
X	X	Balon Corporation			Oklahoma City, OK	A/C Only series D approved; 1" and 2" only
X	X	Bonney Forge			Mt. Union, PA., Bergamo, Italy	A/C 2" and less only
X	X	Crown-Judd			Edmonton	P
X	X	Tom Wheatley			Ville Platte, LA	P/C Only 6" and larger
VALVE - CONTROL VALVE AND REGULATOR VALVE						
X	X	Becker	Master Controls Inc (OH, IN, KY, TN); Marieco Inc. (AL, FL, MS, LA, TX)	USA	Houston, TX	A Added, per Measurement Group (Steve MacDowell); for Globe & Ball
	X	DTF Inc.		USA	Exton, PA	A Added per Micheal Fewell request for Liquid Service only.
X	X	Fisher				A Added, per Measurement Group (Steve MacDowell); for Globe & Ball & Flexible Element
	X	Masonelian	Setpoint Entegrated Solutions			C Orders shall only be placed through Setpoint. Purchases through Master Controls are not permitted.
X	X	Mooney	Marieco Inc;	USA	Houston , TX	P Added, per Measurement Group (Steve MacDowell); for Flexible Element
X	X	Pietro Fiorentini		Italy		P Added, per Measurement Group (Steve MacDowell); for Plug & Stem
X	X	Flowserve		USA	Irving, TX	A Added per Measurement
X	X	VRG CONTROLS LLC				P Added, per Measurement Group (Steve MacDowell); for Globe & Ball



Boardwalk Approved Manufacturer Listing (AML)

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
VALVE - GATE VALVE							
X	X	Bonney Forge		USA	Mt. Union, PA., Bergamo, Italy	A/C	2" and less only
	X	Franklin Dura Seal	DNOW LP, Sunbelt Supply	USA	Baton Rouge, LA	A	Liquid Service Only. Future audit needed
X	X	General Valve	Cameron VALVE & Measurement		Little Rock, AR	P	Per Rodney Clayton
X	X	Velan	Sunbelt Supply	USA	Williston, VT	A	Future audit needed
X	X	Velan	Sunbelt Supply	USA	Granby, Quebec	A	Future audit needed
X	X	Velan	Sunbelt Supply	USA	Montreal, Quebec	A	Future audit needed
X	X	WKM (Pow-R-Seal, Saf T Seal)	DNOW LP	USA	Oklahoma City, OK	P	
VALVE - GLOBE VALVE							
X	X	Bonney Forge		USA	Mt. Union, PA., Bergamo, Italy	A/C	2" and less only
X	X	Velan	Sunbelt Supply	USA	Williston, VT	A	Future audit needed
X	X	Velan	Sunbelt Supply	USA	Granby, Quebec	A	Future audit needed
X	X	Velan	Sunbelt Supply	USA	Montreal, Quebec	A	Future audit needed
VALVE - INSTRUMENTATION							
X		Swagelock Whitey				A	
X		Parker				A	
VALVE - LOW TEMP/CRYOGENIC (BALL, CHECK, GATE, GLOBE)							
X	X	Cameron				P	Future audit needed
X	X	Fisher				A	Future audit needed
X	X	Velan				A	Future audit needed
VALVE - MANIFOLDS							
X	X	Hy-Lok		USA	Houston, TX	C	Full Port; Approved on a trial base only, consult with Supply Chain prior to purchase
X		PGI				A	Full Port
X		AS-Schneider America, Inc.		USA	Houston	A	
X		SwageLok		USA	Solon, OH	A	Full Port
VALVE - MODIFICATION SHOP - API6D MODIFICATION ONLY							
X	X	Gulf Coast Modification		USA	Houston, TX	A/C	OEM approved modification and repair facility for KF, Kitz, Nordstrom, Valbart, and Velan
X	X	Mid-States		USA	Kansas City, MO	A/C	OEM approved modification and repair facility for Crown-Judd, Nordstrom, and Valbart
X	X	United Valve		USA	Houston, TX	A/C	OEM approved modification and repair facility for Kitz, Nordstrom, Valbart, Valvitalia, and Velan



Boardwalk Approved Manufacturer Listing (AML)

Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg	Comments	
VALVE - MODIFICATION SHOP - NON API6D MODIFICATION ONLY							See applicable valve Purchase Specification and Best Practice - Valves for additional requirements on modifications to valves.
X	X		DNOW (Total Valve Solutions)	USA	Houston, TX	A	Refer to BWP Specifications
X	X	Gulf Coast Modification		USA	Houston, TX	A	Refer to BWP Specifications
X	X	Mid-States		USA	Kansas City, MO	A	Refer to BWP Specifications
X	X	Patton Myhre		USA	Tomball, TX	A	Refer to BWP Specifications. External Mods only.
X	X	Sunbelt Supply		USA	Multiple??	A	Refer to BWP Specifications
X	X	United Valve		USA	Houston, TX	A	Refer to BWP Specifications
VALVE - PLUG							
X	X	Delta (Valvitalia)	Quarter Turn Resources Inc	Italy	Rivanazzano, Italy	A	Approved Model EC & EB (bolted body) and Model WB (welded body)
X	X	Nordstrom	Flowserve US Inc., Edgen Murray, Mid-States Supply, DNOW	USA	Sulpher Springs, TX	A	"High Spec" valve to be purchased whenever possible.
VALVE - RISING STEM BALL VALVE							
X	X	Orbit	Cameron VALVE & Measurement	USA	Little Rock, AR	P	Approved, per Rodney Clayton
VALVE - RELIEF VALVE							
X	X	Anderson Greenwood (Emerson)	Pentair Valves & Controls; DNOW LP;FCX Performance	USA	Houston, TX	P	Status confirmed, per Measurement Group
	X	Consolidated					Liquid Service ONLY
X	X	Crosby (Emerson)		USA	Houston, TX	A	Added per Measurement
	X	Farris	TEAM Furmanite				Liquid Service ONLY
X	X	Fisher	Cornerstone Controls; Experitec, Inc; John H. Carter	USA	McKinney, TX	A	Status confirmed, per Measurement Group
X	X	Flow Safe				A	Status confirmed, per Measurement Group
X	X	Kunkle				A	Status confirmed, per Measurement Group - Small instrumentation use
VALVE - SOLENOID							
X	X	AAA Products International	AAA factory direct	USA	Dallas, TX	A	Factory direct purchase
	X	Allen Air					Liquid Service ONLY
X	X	ASCO	John H.Carter Co Inc; Rawson Inc	USA		A	Status confirmed, per Measurement Group
X		Maxon (Honeywell)		USA		R	Status confirmed, per Measurement Group
X	X	Pressure Vessel, Inc					Added, per Garrett Williams
X	X	Versa	DNOW LP; Gulf Coast TMC; Puffer Sweiven Inc; Moody-Price LLC	USA		A	Status confirmed, per Measurement Group
X		Peter Paul				A	
X		Skinner				A	
X		Magnetrol	Clarke Cooper			A	
X		Parker				A	



Boardwalk Approved Manufacturer Listing (AML)

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Gas Service	Liquid Service	Material Manufacturer	Rep / Distributor	Country of Origin	City of Mfg		Comments
VESSEL (ASME) FABRICATION							
X	X		Reagan Equipment				Pulsation Bottle
X	X	Enerflex Ltd. Energy Systems				A	Pulsation Bottle