



List of Approved Manufacturers

Section 1 Approved Manufacturers of Electrical Equipment												
Equipment Description	Electrical Equipment Manufacturer											
	1	2	3	4	5	6	7	8	9	10	11	12
Battery - Nickel Cadmium	HBL Nife	Alcad	Saft	NICA, EU	GAZ GmbH, Germany							
Cable (33 kV, 11 kV, 6.6 kV)	Oman Cables	Nuhas Cable, Oman	Ducab	Nexans, France	Demirer Kablo, Turkey	Prysmian	Riyadh Cables					
Cable (LV, Control)	Nexans, France	Oman Cables	Ducab	Riyadh Cables	Saudi Cables	Nuhas Cable	Polycab					
Cable Ladder & Cable Tray	EATON B-Line, KSA	Vantrunk, UK	Unistrut, UK		Gersan Elektrik, Turkey & Oman	ABB (Thomas & Betts), KSA	HOTEX, Oman (Medium & Light duty Ladders & Trays only)	EAE ELEKTRIK, Turkey				
Conductor - AAAC, AAC, ACSR for OHL	Oman Aluminium Processing (OAPIL)	MIDAL cables, Bahrain	Saudi Cable Co.	Oman Cables	Gulf Cables, Kuwait	Riyadh Cables	Sumitomo Electric, Japan					
Diesel & Gas Engine Generators (OEM Only)	Caterpillar, USA & China	Perkins, USA & UK	Cummins, USA & China	Kohler								
Cable Glands & Accessories	Hawke	BICC	CMP Products	Redapt	Stahl	Kopex						
Heating, Ventilation and Air-conditioning systems (Packaged Units & Air handling systems)	Trane	Carrier	SKM	YORK	ZAMIL AC							
High voltage Auto Recloser	NULEC (Schneider)	G&W Electric, USA & China	EATON (Cooper), USA	ABB	Siemens							
High voltage cable Terminations, and Jointing accessories	Sud Kabel (ABB), Germany	Pfisterer, Germany	TE (Raychem), Germany	Brugg, Switzerland	Euromold / Nexans, France							
High voltage Disconnect Switches, & Outdoor Disconnects with Fuse	Siemens, Germany	ABB, Germany	Morris Line Engineering, UK									
High Voltage Outdoor Circuit Breaker	Siemens, Germany	ABB, Germany, Sweden, Switzerland	Alstom, UK, Switzerland, France	Crompton Greaves, India	Mitsubishi Electric, Japan							
High Voltage Outdoor CT, VT	Siemens, Germany	ABB, USA, Czech, Sweden, Poland	Alstom, UK, France, Begium	Crompton Greaves, India	WS Industries, India	SADTEM, France	Pfiffner, Switzerland	Trench, France, Switzerland				
High voltage Surge Arresters	ABB	Areva	Bowthorpe	Cooper	Siemens	ELPRO	Toshiba					
High voltage Switchgear - GIS - Indoor Metal enclosed (33 kV GIS, 11 kV, 6.6 kV) - OEM ONLY (REFER NOTES)	Siemens, Germany	Schneider, Germany	Toshiba, Japan	ABB, Germany / Czech Rep.								
High voltage Switchgear - AIS - Indoor Metal enclosed (33 kV , 11 kV, 6.6 kV) - OEM ONLY (REFER NOTES)	Siemens, Germany & India	Toshiba, Japan	ABB, Czech Republic	Eaton Saudi Arabia (11kV, 6.6kV – UPTO 3150A / 50kA only)	Holec Holland NV, Netherlands	Schneider, Turkey						
Insulator - Silicone Rubber & Composite (Post & Tension)	LAPP	NGK	Wish Power, China	Pfisterer, Germany	SEDIVER	Electrical Insulators Industries, Oman						
Junction Box - For Non Hazardous areas	Weidmuller	Hoffman	Rose	Hawke	Pepperl + Fuchs, UK	Legrand	Rittal	EATON / CEAG / CROUSEHINDS	ABB	Abtech	Technor, Italy	FCG Flameproof Control Gears , India*
Junction Box - For Hazardous areas	EATON / CEAG / CROUSEHINDS	Hawke	Stahl	Pepperl + Fuchs, UK	Rittal	Weidmuller	DTS	Technor, Italy	Warom, China	Rose Systemtechnik, Germany	FCG Flameproof Control Gears , India*	
Local Control Stations	Stahl	ABB	EATON / CEAG / CROUSEHINDS	Technor, Italy	Warom, China	Rose Systemtechnik, Germany						
Low voltage distribution boards	Majan, Oman	INTELEC, Oman	Voltamp Energy LLC	Al-Hassan Switchgears, Oman	Al Kiyumi, Oman	NEI, Oman						
Low Voltage Switchgear (OTHER THAN MCC)	Siemens, Germany	ABB, UAE	Holec, Netherlands	Majan Switchgear, Oman	Voltamp Energy LLC, Oman	AL-HASSAN, OMAN, (APPROVED FOR SIVACON ONLY)	# Intelec, Oman (RESTRICTED APPROVAL - REFER NOTES)	Powell Industries, UK	Waljat Modern Projects, Oman (APPROVED FOR SIVACON ONLY)	Schneider, Turkey		



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Equipment Description	Electrical Equipment Manufacturer											
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Low voltage Intelligent switchgears and Motor control centers - OEM ONLY (REFER NOTES)	Siemens, Germany	ABB, UAE	Holec, Netherlands	Majan Switchgear, Oman (Sivacon Only)	# Intelec, Oman (RESTRICTED APPROVAL - REFER NOTES)	Powell Industries, UK	<i>Schneider, Turkey</i>	<i>AL-HASSAN, OMAN, (APPROVED FOR SIVACON ONLY)</i>				
Low Voltage Switchgear - Explosion Protected	Stahl	CEAG	Warom, China									
Luminaires - For Hazardous areas	DTS	EATON / CEAG / CROUSEHINDS	Victor Products	Chalmit	Stahl	Technor, Italy	Appleton, USA	Zhejiang Tormin, China (BC9700L Model only)	Shenzen Topmost, China (Model BCT18.30.36.48.56.72)	Warom, China	FCG Flameproof Control Gears , India*	Zalux, Spain (Approved - OREX 1 and OREX 2 Highbay
Luminaires — Floodlights/ Street Light/ Outdoor Luminaries	Chalmit	Victor Products	EATON / CEAG / CROUSEHINDS	GE	Stahl	Technor, Italy	Philips	Bajaj Electrical, India	Wipro, India			
Luminaires — Fluorescent / LED	EATON / CEAG / CROUSEHINDS	Victor Products	Simplex / Chalmit	Cooper	GE	Phillips	Dialight (UK)	DTS Lighting	Technor, Italy	Bajaj Electrical, India	Wipro, India	
Motors (HV, & LV ≥ 75kW)	ABB, EU, China & India	Siemens, Germany & India	GE, <i>UK & BRAZIL</i>	Laurence Scott, UK	Schorch (WOLONG), <i>Germany</i>	NIDEC ASI S.P.A, Italy	Elin Motoren GmbH, Austria	Helmke, Germany				
Motors (LV 3.7kW - 75kW)	ABB, EU, China & India	Siemens, Germany & India	Schorch (WOLONG), <i>Germany</i>	WEG, Brazil	Crompton Greaves, India	NIDEC ASI S.P.A, Italy	<i>MarelliMotori S.p.A, Italy</i>	<i>Brook Crompton (WOLONG), Poland & UK</i>				
Neutral Earthing Resistors	Eaton / Cressall	Metal Deploye										
Package substations	ABB, KSA & Egypt	Schneider, Spain & UK										
Protection relays- Electrical	Siemens	ABB	Schwitzer									
<i>HV Relay, Protection panels, and HV system Control panels</i>	<i>Schwitzer (SEL Middle East), UAE</i>	<i>Power Economy Middle East, UAE</i>	<i>Balfour Beatty Engineering, SriLanka</i>	<i>AlFanar Electrical system, KSA</i>	<i>Tesla Power, UAE</i>							
Receptacle Outlets & Plugs	ABB	Stahl	Legrand	MK	EATON / CEAG / CROUSEHINDS	Technor, Italy	Warom, China					
Soft starters - High voltage	Toshiba	Solcon	ABB	Siemens								
Trace Heating	Raychem / Pentair	Bartec	Thermon									
Transformers > 3.15 MVA	ABB (Sweden, Turkey, KSA & Egypt)	Schneider (UK, Turkey)	Toshiba Japan	Bharat Bijlee, India	Voltamp, Oman	CG Power Systems, India						
Transformers ≤ 3.15 MVA	Voltamp, Oman	Schneider (UK, Turkey)	ABB, Turkey & Egypt	Emirates Transformers, UAE								
Cables Transits	Hawke	MCT Brattberg	Roxtec									
UPS Systems - AC & DC	Chloride, France	Gutor, Switzerland / Malaysia	APC	AEG, Germany / France	Benning, Germany, France	Erskine, UK	AVATEC, Singapore	Borri S.p.a, Italy	CEG, Italy	<i>Hitachi, India</i>		
Variable Speed Drives	Toshiba -Mitsubishi, Japan & USA	Eaton , USA	Centrilift (LV VFD Only)	Yaskawa, Japan	ABB	SIEMENS	NIDEC ASI S.P.A, Italy	Rockwell, Poland	WEG, Brazil (LV Only)	Schneider (LV Only)		
Air Condtion - Explosion Protected	Warom, China	Atex Xo, Netherlands	Artidor, Netherlands	Stahl, USA	Heinen & Hopman							
Concrete OHL Poles	Euro Poles Middle East, Oman	Oman Poles, Oman										
<i>Solar PV Modules</i>	Jinko Solar	JA Solar	Trina Solar	Suntech Power	Candian Solar	Symtech Solar						
<i>Solar PV Inverters</i>	Huawei	ABB	SMA	Fronius	Ingeteam							

Manufacturers names in *Italic text* indicates inclusions in this revision. For restriction on specific makes / models, please refer to Oxy approval mail

Approval is valid only if the manufacturer maintains robust QMS system and is certified to ISO 9001-2015. Manufacturer shall also have valid Type test certificates at all times.

All High Voltage Equipment manufacturers approved in this list shall be eligible and are pre-qualified to supply equipment rated up to 33kV (Um=36kV), unless otherwise explicitly mentioned.

"OEM ONLY " means Bids shall be received from the Original Equipment Manufacturers only

Intelec- MCC - Approved upto 1600A, 50kA, Indoor MCC and For LV Switchgears - Approved Upto 4000A Indoor & upto 3200A, 50kA, Outdoor

* FCG Flameproof Control Gears- Luminaires - Type ELFS 61XXB, 61XXF & 61XXW (35W-300W) and for JB's - Type IJ 61 Series- SS316L- Temp 60°C, T4/T5/T6



List of Approved Manufacturers

Section 2 Approved Manufacturers of Instruments & Controls											
Sr. No	Instrument Items	Manufacturer									
		1	2	3	4	5	6	7	8	9	10
1	Flow Element										
1.1	Orifice Plate	Emerson, Rosemount	TM Tecnomatic SPA	Euromisure SPA	General Instruments Consortium, India	Amtek, Singapore	FMC Flow Measurement Solutions	Wika, Germany			
1.2	Conditioning Orifice Plate	Emerson, Rosemount									
1.3	Senior Orifice Plate (compact orifice flowmeter)	Emerson, Rosemount									
1.4	Cone Type	NUFLO	WIKA	MCCROMETER							
2	Valves										
2.1	Control Valve (Gas, Steam & Critical applications)	Flowserve	Fisher	Masoneilan (GE)	Severn Glocon, India						
2.2	Control Valve (Other application)	Flowserve	Fisher	Masoneilan (GE)	Norriseal, USA	CVS Controls, Canada	Komoto, Korea	Severn Glocon, India	Koso Gulf, Oman		
2.3.1	Air filter Regulator	Fisher	Masoneilan (GE)	Flowserve	Norgren	Parker					
2.3.2	Positioner	Fisher	Masoneilan	Flowserve	Samson AG	Neles					
2.4	ESD Valves										
2.4.1	ESD Valves (Assambled by VAC)	Follow Approved Manufacturers Listed at Ball Valves for ESD Application & VAC Center listing									
2.5	ON /OFF Valve -Ball Valve	Follow Approved Manufacturers of Manual Valves									
2.6	ESD & ON /OFF Valve-Acutator (Pneumatic)	Flowserve	Rotork	Biffi, Italy	Fisher	Bettis	Severn Glocon	Masoneilan			
2.7	Solenoid valve (EEExd)	ASCO	Norgren/Maxseal	Rotex, India	Bifold, UK						
2.8	Limit Switch	TOP-WORX	PMV	West-Lock	Rotex, India						
2.9	Electric Actuator - 240VAC	Rotork		Auma	Drehmo i-matic	Biffi-ICON3000					
2.10	Self acting pressure regulator/valve	Fisher	Komoto, Korea	Nirmal Controls, India	Masoneilan	Flowserve					
2.11	Electro- hydraulic Actuator										
3	Gauges										
3.1	Pressure Gauges including accessories	WIKA, Germany	Ashcroft	Dwyer, USA	Baumer	General Instruments Consortium, India	Kleev				
3.2	Differential Pressure Gauges including accessories	Ashcroft	Dwyer, USA		Baumer	General Instruments Consortium, India	Kleev				
3.3	Temperature Gauge with thermowell	Ashcroft	Dwyer, USA	Baumer	General Instruments	Wika, Germany	Kleev				
3.4	Level Gauges	Kleev	Shridhan, India	Magnatrol, Belgium	Hardro, Neatherland	General Instruments					
4	Flow Transmitters										
4.1	Electromagnetic Flow meter	Emerson, Rosemount	Krohne, Germany	E&H	Yokogawa	Honeywell					
4.2	Ultrasonic Flow meter (Sonic Flare Gas Application)	Fluenta	GE-Panametrics								
4.3	Ultrasonic Flow meter (Normal Gas Application)	GE-Panametric	Krohne, Germany	E&H	Emerson						
4.4	Ultrasonic Flow meter (Liquid Application)	GE-Panametric	Krohne, Germany	E&H	Emerson						
4.5	Vortex Flow meter	Emerson, Rosemount	Yokogawa	E&H	Honeywell						
4.6	Multivariable flow transmitter	Emerson, Rosemount	Yokogawa								



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Section 2 Approved Manufacturers of Instruments & Controls											
Sr. No	Instrument Items	Manufacturer									
		1	2	3	4	5	6	7	8	9	10
4.7	Multivariable flow transmitter with CoP Compact type	Emerson, Rosemount									
4.8	Coriolis Mass Flowmeter	Emerson, Micromotion	Yokogawa	E&H							
4.9	Turbine Flow meter	Nu-Flo (Cameron)	Hoffer	Rockwin Ltd, India							
5	Pressure Transmitters										
5.1	Pressure transmitter (Full assembly from OEM Transmitter with Seal & Accessories)	Emerson, Rosemount	Yokogawa, Japan	E&H	Honeywell						
5.2	Differential Pressure transmitter (Full assembly from OEM)	Emerson, Rosemount	Yokogawa, Japan	E&H	Honeywell						
6	Temperature Transmitter										
6.1	Temperature Transmitter (Full assembly from OEM)	Emerson, Rosemount	Yokogawa, Japan	E&H	Honeywell						
7	Level Transmitter										
7.1	Radar Type Contact/ Non-contact Level transmitter	Emerson, Rosemount	E&H	Vega, Germany							
7.2	Magnetostrictive type Level transmitter	Magnetrol	Vega, Germany								
7.3	RF Admittance type Level transmitter	Drexelbrook	Vega, Germany								
7.4	DP type level transmitter (Full assembly from OEM)	Emerson, Rosemount	Honeywell	E&H	Vega, Germany						
7.5	Capacitance type level transmitter	DrexelBrook	E&H	Vega, Germany							
7.6	Ultrasonic Type Level Transmitter	Emerson, Rosemount	E&H	Vega, Germany							
8	F&G Devices (Process)										
8.1	IR Point type gas detector	Detronics	Oldham, France	General Monitor, Ireland	Honeywell, Life Safety Distribution System	Sierra Monitor, USA	ESP Safety, USA (Model SGOES)				
8.2	Triple IR Flame detector	Detronics	Oldham, France	General Monitor, Ireland	Honeywell, Life Safety Distribution System	Sierra Monitor, USA	ESP Safety, USA (Model IPES-IR3HART)				
8.3	Open path gas detector	Detronics	Oldham, France	General Monitor, Ireland	Honeywell, Life Safety Distribution System	ESP Safety, USA (Model TGAES)					
8.4	Beacon	MEDC	STAHL	E2S							
8.5	Sounder	MEDC	Zeta	STAHL	E2S						
8.6	Manual call point (Outdoor)	Zeta	MEDC	STAHL	E2S						
8.7	H2S gas detector	Oldham, France	Senscient								
8.8	Heat Detector	MEDC with Fenwal sensor									
9	Fire & Gas Building & Shelters										
9.1	Smoke Detector	Zeta	Gent	Tyco	MEDC						
9.2	Heat Detector	Zeta	Gent	Tyco	MEDC						
9.3	Hydrogen Detector	Zeta	Gent	Tyco	MEDC						
9.4	Manual call point (Indoor)	MEDC	Zeta	TYCO	Gent						
10	Reset Push Button	Schneider Electric	Feam, Italy	CEAG, Cooper Crouse	STAHL						
11	Building Temperature Transmitters	Deltaohm	Dawyer								
12	Analysers										



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Section 2 Approved Manufacturers of Instruments & Controls											
Sr. No	Instrument Items	Manufacturer									
		1	2	3	4	5	6	7	8	9	10
12.1	O2 analyser	Yokogawa, Hamilton-Switzerland	Teledyne Analytical Instruments, USA	Michell Instruments	Ametek Process Instruments, USA						
12.2	Oil in water Analyser	Advanced Sensors	INO8								
12.3	Chlorine Analyser										
12.4	BS&W	Roxer (Emerson), USA	Phase Dynamics, USA	Eesiflo							
12.5	PH Analyzer	Emerson	E&H								
12.6	Conductivity Analyzer	Emerson	E&H	HACH							
12.7	Turbidity Analyzer										
12.8	Silica Analyzer	E+H	Hawak								
12.9	Hardness Analyzer	HACH									
13	Instruments Manifolds	Emerson, Rosemount	Oliver	Sabre	Sami Instr, Italy						
14	Relays	Phonenix	Omron	Pepperl+Fuchs, UK	Weidmuller	Hima					
15	Tubing fittings	Swagelok	Parker	BMT Superlok							
16	Tubing	Sandvik	Fitok	Swagelok	BMT Superlok						
17	Cable Glands	Hawke	CMP	STAHL							
18	Vibration Monitoring System / Transmitter	Bently Nevada (3500 series)	Metrix	Dynamics							
19	PLC System	Rockwell Control - Logix 5000									
20	RTU System	Rockwell Control - Logix 5000									
21	RTU System- Local Control	Rockwell Control Compact Logix		Rockwell Micro Logix							
22	Fibre Optic Cables	HTL, India	Oman Fibre	Belden Cables							
23	Wireless Instruments										
23.1	Pressure Transmitter	Emerson, Rosemount	E+H								
23.2	Temprature Transmitter	Emerson, Rosemount	E+H								
23.3	DP Flow Transmitter	Emerson, Rosemount	E+H								
23.4	Wireless Network (Gateway)	Emerson, Rosemount									
24	Junction Box - For Non Hazardous areas	Weidmuller	Hoffman	Rose	Hawke	Pepperl & Fuchs, UK	Legrand	Rittal	EATON / CEAG / CROUSEHINDS	Technor, Italy	Abtech
25	Junction Box - For Hazardous areas	EATON / CEAG / CROUSEHINDS	Appleton, USA	Hawke	Stahl	Pepperl & Fuchs, UK	Rittal	Weidmuller	DTS	Technor, Italy	
26	Cable										
26.1	Cable (LV, Control)	Nexans, France	Oman Cables, Oman	Ducab	Nuhas Cable	Thermocables, India					
26.2	Industrial Communication Cables	Belden Cables									
27	Stepping Actuator (for Choke Valves)	Advanced Actuators	Hydro Pneumatic								
28	Control System Shelters	Jasubhai Engineering	Delta Control	RED SEA							
29	PLC (System Integrator)	Jasubhai Engineering	Delta Control			Sensia Global					
30	IFB Panel	Rittal, Germany	Majan Switchgear, Oman	Schneider Electric							
31	Communication Switch (Hardware)	MOXA	CISCO	Phoenix Contact (DLR Capable)							
32	DLR	Rockwell Startix 700	Phoenix Contact (DLR Capable)								



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Section 2 Approved Manufacturers of Instruments & Controls

Sr. No	Instrument Items	Manufacturer									
		1	2	3	4	5	6	7	8	9	10
33	Metering Pacakges										
33.1	Metering Control Panels	Jasubhai Engineering, UAE	Delta Control, UAE	LAMAD, Oman							
33.2	Flow Computers	FloBoss S600+									
33.3	Metering Sampling Systems	LAMAD, Oman	Alderley, UK	Jasubhai Engineering, UAE							
33.4	Pipe Provers	LAMAD, Oman	Alderley, UK	Jasubhai Engineering, UAE							
33.5	LACT Skid	LAMAD, Oman	Alderley, UK	Jasubhai Engineering, UAE							
33.6	Densitometer	Emerson	E&H								
33.7	Metering Pressure Transmitters	Emerson	E&H								
33.8	Metering Temperature Transmitter	Emerson	E&H								

NOTES:

- i) This is a partial Approved Manufacturer List (AML); remaining instrumentation items shall be provided in future revisions.
- ii) All Instruments shall be EExd Type.
- iii) Vendor to provide Original Equipment Manufacturer (OEM) Certificate. Also, vendor to provide official letter confirming that he is the sole distributor, authorized distributor or official supplier of the instruments.
- iv) Vendor to provide Warranty and technical support for the offered instruments.
- v) Manufacturer shall have QMS System certified to ISO 9001-2015 and required type test certificates at all times. Else, above approval is not valid
- vi) Manufacturers names in Italic text indicates inclusions in this revision



List of Approved Manufacturers

Section 3 Approved Manufacturers of Rotating Equipment

Approved Manufacturers of Pumps

API/ANSI CENTRIFUGAL PUMP		PUMP TYPE	TYPES
1	ITT Goulds, Korea , USA , India	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
2	Sulzer Germany , India	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
3	Flowserve Germany , India, Spain	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
4	PumpWorks 610, USA	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
5	KSB, Germany Spain, France & India	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
6	Ruhrpumpen, Germany & India	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split
7	Finder Pompe, Italy	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
8	Kirloskar Ebara Pumps, India	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
9	CPC Pumps , Canda	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
10	TM.P. S.p.A Termomeccanica Pompe, Italy	Centrifugal	Horizontal, Vertical, Submersible, Axial Split, Radially Split, Barrel
Horizontal Multistage Pumps			
1	Schlumberger, USA	Centrifugal	Horizontal Pumping System
2	Alkhorayef Petroleum, KSA	Centrifugal	Horizontal Pumping System
3	PumpWorks 610, USA	Centrifugal	Horizontal Pumping System
4	Baker Huges	Centrifugal	Horizontal Pumping System
5	Halliburton	Centrifugal	Horizontal Pumping System
6	Borets Pumps (On Hold)	Centrifugal	Horizontal Pumping System
Positive Displacement Pumps			
1	Netzsch, Germany	Positive Displacement	Progressive Cavity, Rotary Lobe & Screw
2	Seepex, Germany	Positive Displacement	Progressive Cavity
3	NOV - Mono, USA & UK	Positive Displacement	Progressive Cavity
4	PCM Manufacturing France SAS	Positive Displacement	Progressive Cavity, Rotary Lobe & Screw
5	Allweiler GmbH, Germany	Positive Displacement	Progressive Cavity
6	Maag, Switzerland	Positive Displacement	Gear
7	Leistritz Pumps, Germany	Positive Displacement	Screw Pumps
8	Bornemann, USA	Positive Displacement	Screw Pumps
9	3P Prinz pumps	Positive Displacement	Screw Pumps
10	Maag, Switzerland	Positive Displacement	Gear
Chemical Injection Pumps			
1	Lewa Pumps, USA	Positive Displacement	Metering pumps, dosing pumps for chemical injection packages.
2	Bran & Luebbe, USA & Germany	Positive Displacement	Metering pumps, dosing pumps for chemical injection packages.
3	Milton Roy	Positive Displacement	Metering pumps, dosing pumps for chemical injection packages.
4	Hydra Cell	Positive Displacement	Metering pumps, dosing pumps for chemical injection packages.
5	Seko	Positive Displacement	Metering pumps, dosing pumps for chemical injection packages.
6	Officine Meccaniche Gallaratesi SPA Italy	Positive Displacement	Metering pumps, Dosing pumps for chemical injection skids
7	Pulsafeeder Pumps, India & USA	Positive Displacement	Metering pumps, dosing pumps for chemical injection packages.
8	ProMinet	Positive Displacement	Metering pumps, dosing pumps for chemical injection packages.
Approved Manufacturers of Instrument Air (IA) Compressors			
1	Atlas Copco, Germany		
2	Kaeser Compressors, Germany		
3	Blutek, Belgium		
4	Kirloskar, India		
Approved Manufacturers of Mechanical Seals			
1	Flowserve		
2	Eagle Burgmann		
3	John Crane		
4	AESSEAL		

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015 and required type test certificates at all times.



List of Approved Manufacturers

Section 4 Approved Manufacturers of Valves

ACCEPTABLE VALVES / MANUFACTURER	
<i>Ball/Globe/Gate/Check Valves (Manual)- API Monogram is Mandatory</i>	
1	Arflu Valves, Spain
2	Balon Corporation (Valve), USA
3	Cameron Valves, USA
4	Camtech, UAE (Not approved for 1" & 2" size)
5	Crane Stockham Valves, UK (Only Check Valves)
6	Dafram S.p.a, Italy
7	DHV-CNV, China
8	FZV Valves, China
9	Goodwin International Ltd UK (Check valves)
10	Hindle (Tyco), UK
11	J C Fabrica, Spain
12	Circor Energy Products, Inc (KF Industries), USA
13	Kitz Corporation of Europe SA, Spain (Ball Valves)
14	KVC (UK) Ltd, UK
15	Perar SpA, Italy
16	Pibiviesse Spa, Italy
17	Southern California Valve - SCV (150# ONLY), USA
18	Valvitalia, Italy
19	Velan ABV Valves , Italy
20	Virgo Valves, India
21	Walworth, Mexico
22	Sitindustrie Valvo Metal, Italy (Ball Valve only)
23	Hawa Valves, India
24	Tiansheng Valves, China
25	L & T Valves, India
26	Shalimar Valves Ltd, India
27	Teer Holding Group, China
28	Zhong Tai Valves (CZTV), China (For below 8" forged only)
29	Neway Valves (Suzhou), China
30	Dembla Valves, India (For size 8" and below forged only)

ACCEPTABLE BALL VALVES / MANUFACTURER	
<i>For ESD Valves Application - API Monogram is Mandatory</i>	
1	<i>J C Fabrica, Spain</i>
2	<i>Hawa Valves, India</i>
3	<i>L & T Valves, India</i>
4	<i>Velan ABV Valves , Italy</i>
5	<i>Cameron Valves, USA & Italy</i>
6	<i>Dafram S.p.a, Italy</i>
7	<i>PIBIVIESSE SRL, Italy</i>
8	<i>VALVITALIA SPA. Italy</i>
9	<i>MASONEILAN</i>
10	<i>Virgo Valves, India</i>
11	<i>Camtech, UAE</i>

For 900 class Ball Valves:	
STEAM SERVICE - API Monogram is Mandatory	
1	DHV-CNV, China
2	VTI Valves, USA

GATE VALVES FOR STEAM SERVICE - API Monogram is Mandatory	
1	DHV-CNV, China
2	DSI, USA

Chokes & Valves Designed to API 6A- API Monogram is Mandatory	
1	Cortec, USA
2	Master flo, Canada
3	N-Line Valves, USA
4	T3 (not qualified steam service), USA
5	Quam Valves, Italy (not for steam, & Actuated service) Approved for Manual & gas service applications
6	Taylor Valves (not qualified for steam service), USA
7	VTI Valves, USA
8	Koso Gulf, Oman (not qualified for steam service)- Max 900#
9	JVS Engineers, India (not qualified for steam service)
10	DHV-CNV, China
11	Neway Oil Equipment (Suzhou) Co Ltd, China
12	Houston Oilfield Equipment Inc, USA (not for steam service)
13	Severn Glocon Valves, India (not for Steam Service)

Pressure Vacuum Valves (Tanks)	
1	Anderson Greenwood, USA
2	Groth, USA & India
3	Motherwell , UK
4	Nirmal Industrial Controls, India
5	Braunschweiger Flammenfilter (Protego), Germany & UAE

ACCEPTABLE- Valve Automation Centers	
<i>For ESD Valves Application</i>	
1	<i>PIBIVIESSE SRL, Italy</i>
2	<i>VALVITALIA SPA. Italy</i>
3	<i>DRESSER INC - (MASONEILAN), UAE & USA</i>
4	<i>BIFFI ITALIA SRL, ITALY</i>
5	<i>FLOWERVE [VALBART SRL],</i>
6	<i>Dafram S.p.a, Italy</i>
7	<i>Fisher</i>
8	<i>Camtech, UAE</i>
9	<i>J C Fabrica, Spain</i>
10	<i>L & T Valves, India</i>
11	<i>Virgo Valves, India</i>
12	<i>Cameron Valves, USA & Italy</i>

Butterfly valves	
1	Crane, UK
2	NELES - Jamesbury, UK
3	PT Tomoe Valve
4	Tomoe Process Valves
5	Tyco (Pentair)
6	ACE Valves, Korea
7	VAHN-TECH, Canada
8	Hawa Valves, India
9	Wuzhou Valves, China
10	L & T Valves, India
11	Teer Holding Group, China
12	Neway Valves (Suzhou), China

Mono flanges, DBB Valves (instr. isolation only) & Injection Quills	
1	ALCO Valves, UK (DBB)
2	Armaturenfabrik Franz Schneider- Germany GmbH
3	Oliver Valves (DBB), UK
4	Parker Hanifin UK (Instrument)
5	Emerson - Rosemount (DBB), USA
6	Sabre Valves (DBB), UK
7	Hawa Valves, India
8	Astec Valves & Fittings Pvt Ltd, India
9	Hydro Pneumatics, India
10	Colson X-Cel , UK

Pressure Relief Valves (Piping and Vessels) - ASME Marking is Mandaotry	
1	Emerson - Anderson Greenwood & Crosby , USA
2	Birkett , UK
3	Bliss Anand PRV India
4	Broady, UK
5	Cameron Valves, USA
6	Fisher
7	Flowserve
8	Leser, Germany
9	VAREC (Pentair)
10	Weir (Trillinum, France)
11	Cashco, US
12	Curtiss-Wright (Farris) , USA
13	Nirmal Industrial Controls, India

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015, API / ASME license and required type test certificates at all times.



Section 5 Approved Manufacturers of Flanges

FLANGE MANUFACTURERS

1	Promat BD Ltd, UK & UAE
2	Flanschenwerk Bebitz GmbH, Germany & BFN Forgings Pvt Ltd, India
3	Bruck GmbH Ensheim, Germany
4	CHW Forge - India
5	Forgerossi SAS, Italy
6	Galperti SRL Group (Italy)
7	Genoyer Group Companies (MGI & SAIC, Italy, DL- Flange, USA; Vilmar, Romania)
8	Hans Van Triel – Germany - Alloy
9	Linvic Engineering Ltd, UK
10	Metalfar Prodotti Industriali SpA (MFF), Italy
11	MIE Techno Co – Japan S/S
12	MMC International Corporation, USA
13	Officine A Melesi & Co, Italy
14	Officine Nicola Galperti & Figlio SpA, Italy
15	Officine Santafede SRL (SF), Italy
16	M.Geldbach (Shanxi) Flanges & Fittings, China
17	PFF - KSA
18	Ringmill SpA, Italy
19	Ringrollers
20	Stainalloy Nederland BV, Netherlands
21	Ulma Forja, Spain
22	Viraj Forgings Ltd, India
23	WFI International Incorporated, USA
24	Oman Flange Production Factory, Oman (for only upto 12" and below)
25	Solid Earth Projects LLC (for only upto 12" and below)
26	Steel Tubes, India

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015 & API license (For 6A Flanges) at all times.



List of Approved Manufacturers

Section 6 Approved Manufacturers of Pipe

C/S SEAMLESS PIPE	
1	Benteler Stahl/Rohr , Germany
2	Dalmine, Italy (Tenaris)
3	Europipe France SA, France
4	Europipe GmbH, Germany
5	Henyang Valin Steel - China
6	Interpipe, Ukraine
7	JFE Kawasaki, Japan
8	Jindal Saw Ltd - Nashik India
9	Jiangsu Xinchangjiang Seamless Steel Tube Manufacturing, China
10	Arcelor Mittal Steel - Romania , South Africa & KSA
11	National Pipe Company Ltd, KSA
12	Nippon Steel Corporation, Japan
13	NKK, Japan (Tenaris)
14	Ratnamani Metal & Tubes, India
15	Siderca SAIC (Tenaris), Argentina
16	Sumitomo Metal Ind, Japan
17	Tamsa Veracruz, Mexico (Tenaris)
18	Vallourec Tianda (Anhui) Co Ltd, China
19	Tianjin Pipe Corporation, China
20	Tubos De Acero De, Mexico
21	Tubos Reunidos SA, Spain
22	US Steel Tubular, USA
23	Vallourec & Mannesmann Tubes- V&M Do Brazil SA
24	V&M Deutschland GmbH, Germany
25	Vallourec & Mannesmann Tubes GmbH, Germany
26	Voestalpine Tubulars GmbH & Co KG, Austria
27	Volzhsky Pipe Plant, Russia
28	Wuxi Seamless Oil Pipe Co Ltd, China
29	Yantai Lubao Steel Pipe Co, China
30	Jubail Energy Service Company (JESCO), KSA

S/S PIPE SEAMLESS & WELDED	
1	Butting – Germany
2	DM -Salzgitter Mannesmann Stainless Tubes, Germany
3	Nippon Steel Corporation, Japan
4	Outokumpu Welded Stainless Steel
5	Ratnamani Metal & Tubes , India
6	Sandvik
7	Shulz, Germany – Welded Alloy Steel
8	Tubacex, Spain
9	Jiangsu Wujin Stainless Steel Pipe Group, China

ERW PIPE/SAW PIPE	
1	Alessio Tubi SpA, Italy
2	Arabian Pipes Co - KSA
3	Corus Tubes 20" Mill, UK
4	Husteel Co Ltd, Korea
5	Hyundai (Hysco), Korea
6	Jindal Saw Ltd - Nashik India
7	Mannesmann Fuchs IPE GmbH Rohr, Germany
8	Nexsteel - South Korea
9	Nippon Steel Corporation, Japan
10	NKK Tubes, Japan
11	PCK – Panyu Chu Kong Steel Pipe Co Ltd, China
12	Ratnamani Metal & Tubes , India
13	Saudi Steel Pipe Company Ltd, KSA
14	Steel Tubes, India
15	TIPO Steel Pipe Co Ltd, China (Shanghai)
16	TMK- GIPI, Oman
17	Welspun, India

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015 and API license at all times.



List of Approved Manufacturers

Section 7 Approved Manufacturers of Socket Weld and Screwed Steel Fittings

SOCKET WELD AND SCREWED STEEL FITTINGS

1	IML Industria Meccanica, Italy
2	Bonney Forge Corporation, USA
3	Both-Well Steel Fittings Co Ltd, Tiwan
4	Dynamic Products, Inc, USA
5	Ihara High Pressure Fittings Co, Japan
6	JD Delcorte SA, France
7	LAME Fittings, Italy
8	Linvic Engineering Ltd
9	MEGA SpA, Italy
10	Pennsylvania Machine Works, USA
11	Petrol Raccord SpA, Italy
12	Piana SpA, Italy
13	Sungkwang Bend Co Ltd, Korea
14	Ulma Forja, Spain
15	Ward Manufacturing, USA
16	WFI International Inc, USA
17	Steel Tubes, India

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015 at all times.



List of Approved Manufacturers

Section 8 Approved Manufacturers of Branch and Butt Weld Fittings

BUTT WELD FITTINGS	
1	Allied International SRL, Italy
2	Awaji (ASK) Materia (Thailand) Co Ltd
3	Bassi Luigi & C SpA, Italy
4	Benex Corporation (Benkan) Japan
5	Canadoil, (Custom Made Tees), Canada
6	Erne Fittings GmbH, Austria - Including KSA Manufacture
7	GAM Racordi SpA, Italy
8	IBF Fittings, Italy
9	IML Industria Meccanica, Italy
10	Vallourec Fittings, France
11	IPP Scomark - Stainless Steel
12	IRC Italy
13	Hackney Ladish Inc, USA
14	Linvic Engineering Ltd, UK
15	MIE Techno Co, Japan - Stainless Steel
16	Nippon Bend Co Ltd
17	OMR Italy, Including Gam Raccordi
18	Raccordi Forgiati SRL (NRF)
19	Shulz, Germany – Welded Alloy Steel
20	SSP – Saudi Steel Pipe Company
21	Stainalloy BV Nederland, Netherlands
22	Sungkwang Bend Co Ltd, Korea
23	Tecnoforge SpA (TF) - Valveitalia
24	Tectubi Raccordi SpA (Ti)
25	Thai Benkan Co Ltd (BKL)
26	TK Corporation Korea - TK Bend
27	Steel Tubes, India
28	<i>Lindemann GmbH & co. KG, Germany</i>

FLANGED BRANCH FITTINGS - BNFL	
1	BD Promat , UK, UK & UAE
2	Bonney Forge
3	IML Industria Meccanica (Italy)
4	LAME
5	MEGA SpA
6	OMC
7	Spromak
8	VIAR Meccanica

BRANCH FITTINGS (WOL, EOL, LOL, NOL)	
1	BD Promat, UK & UAE
2	Bonney Forge
3	IML Industria Meccanica (Italy)
4	JD (Delcorte)
5	LAME
6	MEGA SpA
7	OMC
8	Spromak
9	VIAR Meccanica
10	Galperti Inc, Italy

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015 at all times.



List of Approved Manufacturers

Section 9 Approved Manufacturers of Orifice Plates and Orifice Flange Assemblies

RESTRICTION ORIFICE PLATES	
1	Amtek Singapore
2	Crane Manufacturing Inc
3	Daniel Europe Ltd
4	Daniel Measurement & Control / Flow P
5	EIPSA - Espanola De Instrumentacio
6	Emerson Process Management
7	Euromisure SRL
8	FMC Flow Measurement Solutions
9	Solartron ISA
10	TM Tecnomatic SpA
11	British Rototherm, UK

ORIFICE FLANGE ASSEMBLY	
1	Crane Manufacturing Inc
2	Daniel Europe Ltd
3	Daniel Measurement & Control / Flow P
4	EIPSA - Espanola De Instrumentacio
5	Emerson Process Management
6	Euromisure SRL
7	FMC Flow Measurement Solutions
8	Officine Nicola Galperti & Figlio SpA
9	Solartron ISA
10	TM Tecnomatic SpA
11	UES-Oman
12	General Instruments Consortium, India

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015 at all times.



List of Approved Manufacturers

Section 10 Approved Manufacturers of Studbolts	
STUD & BOLTS MANUFACTURER	
1	Al Rashed Fasteners and Engineering, KSA
2	Asia Bolts, UAE
3	BEA SRL, Italy
4	Beck-Crespel SA, France
5	Classic Studbolts – Sharjah, UAE
6	Highland Threads Inc, USA
7	IML Industria Meccanica, Italy
8	Lone Star Fasteners, USA
9	OME Metallurgica Erbesse SRL, Italy
10	Pacific Coast Bolt Corporation, USA
11	Pioneer Fasteners, India
12	Prosper Distribution Ltd, UK
13	Rollstud, UK & UAE
14	Seng Heng Engineering Pte Ltd, Singapore
15	Steadfast, UK
16	Takenaka Seisakusho Co Ltd, Japan
17	Texas Screw Products, USA
18	Triplefast Co, UAE & USA
19	Walker Bolt Manufacturing, USA
20	Blue Target Trading, Oman
21	Gulf Fasteners & Metal Industries, Oman
22	<i>INSCO Fasteners - Oman</i>

Section 11 Approved Manufacturers of Gaskets & Seals	
GASKETS & SEALS	
1	Al-Iman, KSA
2	Flexitallic, USA & UAE
3	James Walker, UK
4	Klinger, UK & UAE
5	Kukil Inntot Co, Korea
6	Lamons Gasket Company, USA & Canada
7	Novus Gasket Materials, UK
8	Oman Gasket Factory, Oman
9	Pikotek, USA
10	Saudi Bisan Gaskets - Saudi Arabia
11	Smith International Gulf Services, UAE
12	Triple Fast Co, UAE
13	<i>Spira Power Gaskets, Oman</i>

Manufacturers names in *Italic text* indicates inclusions in this revision
 Manufacturer shall have QMS System certified to ISO 9001-2015 at all times.



List of Approved Manufacturers

Section 12 Approved Manufacturers of Strainers & Filters	
Y-Type / Basket Type Strainers & Filters	
1	Barton Firtop, UK
2	Islip Flow, Canada
3	Woasung FlowTEC co Ltd, Korea
4	Shalimar Valves Pvt Ltd, India
5	Triveni Equipment Pvt Ltd, India
6	<i>Procedyne Engineers</i>

Section 13 Approved Manufacturers of Flare Packages	
FLARE PACKAGES	
1	AFG Combustion, India (Airoil Flaregas Pvt Ltd, India)
2	Escher Process BV, The Netherlands
3	GBA Engineering & Construction, Italy
5	Jiangsu Sunpower Technology Co Ltd, China
6	John Zink, Luxembourg
7	<i>Zeeco Flare</i>
8	<i>Flare Oman</i>

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015 and API/ ASME license (as applicable) at all times.



List of Approved Manufacturers

Section 14 Approved Manufacturers of Static Equipment

PRESSURE VESSELS

1	Al Hajiry Trading
2	Arabian Industries Manufacturing
3	ELCO International Engineering Co. LLC
4	Enfab / Oman Metal Industries
5	Fabtech International
6	Hidayath Heavy Industries LLC
7	Integrated Oilfield Supply and Services
8	Metalfab Middle East FZ LLC, UAE
9	Oriental Manufacturers
10	Precision equipments (Chennai) Pvt. Ltd.
11	Special Technical Services
12	Sree Satyanarayan Industrial Suppliers Pvt. Ltd.
13	United Engineering Services
14	KNM Process Systems, Malaysia
15	Tasneea/ HEMT, Oman
16	Al Tasneem Manufacturing , Oman
17	Vanguard Engineering, Oman
18	Proclad, UAE

ELECTRIC HEATERS

1	Exheat, UK
2	DFI, Singapore
3	Chromalox, UK
4	Wattco, USA

Manufacturers names in *Italic text* indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015, ASME license at all times.



List of Approved Manufacturers

Section 15 Approved Applicators for Coating & Lining

Fusion Bonded Epoxy (FBE Coatings)*

1	Tuboscope, UAE (Internal)
2	Integrated Manufacturing & Oil Services Co LLC (IMOS), Oman (Internal)
3	Hilong Petroleum Pipe Company LLC, UAE
4	TMK-GIPI, Sohar

Cold coating applicators (Shop floor application)*

1	Oman Industrial Coating Centre LLC (OICC), Oman
2	Hertel Industrial Services LLC, Oman
3	Advance Oilfield Technologies (AOTC), Oman
4	Hilong Petroleum Pipe Company LLC, UAE
5	TMK-GIPI, Sohar

3LPE application

1	Arcelor Mittal DSTC FZE (PSL, Sharjah), UAE
2	TMK-GIPI, Sohar, Oman
3	Bredershaw, UAE
4	Hilong Pipeline Engg Technical Co Ltd, China

Rotolining

1	Amiantit Oman Company, Oman
2	Muna Noor Manufacturing, Oman
3	Al Rida Enterprise, Oman

Wrapping System

1	Stopaq (for Temp upto 95C)
2	Shawcor Canusa (for Temp upto 70c)
3	Viscotag- Viscowrap HT (for Temp upto 70c)

Weld Insert Sleeves (FBE Coated)

1	NOV Tuboscope (Thru-Kote), Germany
2	Integrated Manufacturing & Oil Services Co LLC, Oman (Upto 150C temp only)

Manufacturers names in Italic text indicates inclusions in this revision

Manufacturer shall have QMS System certified to ISO 9001-2015

**Coating applicators shall have authorization/ approval from the Coating Manufacturers*

Section 16 Approved Manufacturers of Non Metallic materials

GRP/ FRP/ GRE

1	Amiantit Oman Company, Oman
2	CPI, Oman
3	Shengli Oil Field Xinda Guanye Science and Technology Co Ltd, China (FRP/GRE)
4	SKB Plast Instal, Poland (GRP)
5	Future Pipe Industries, Oman (GRE)
6	NOV Fibre Glass Systems, USA & Oman(GRE)

HDPE

1	Amiantit Oman Company, Oman
2	Muna Noor Manufacturing, Oman
3	United Gulf Pipe Manufacturing Co LLC, Oman
4	Al Rida Enterprise, Oman

RTP Pipes

For Temperature upto & below 150° F

1	NOV Fiber Glass Systesm - Fiberspar Products, USA
2	Pipelife Nederland B.V./ SoulForce Division, Netherlands
3	Shawcor Composite Products Systems, Canada
4	Specility RTP LLC, USA
5	Baker Hughus, USA
6	Duqum Hongtong, Oman
7	Flexsteel Pipeline Technologies, USA

For Temperature above 150°F

1	Specility RTP LLC, USA (Approved up to 200 F)
2	Baker Hughus, USA (Approved up to 180 F)



List of Approved Manufacturers

Section 17 Manufacturers on Hold & Removed

HOLD	
1	MTU Onsite Energy, Germany
2	Pyropress, UK
3	British Rototherm UK
4	Cashco Inc, USA (for ICAT Items)
5	Stream flo, Canada
6	Fluentas As, Norway
7	Sensitron Srl, Italy
8	Federal Signal Corporation
9	I- Systems
10	ORB Instruments
11	Bartek Benke, Germany
12	Pyro Electric
13	ATAC
14	ICON-Scitenfic , UK
15	Analytical Systems Keco, USA
16	Schneider (RTU)
17	Schneider, Turkey (Electrical Switch Gears)
18	Manfred Geldbach Flansch und Fittings GmbH, Germany
19	American Energy Services (AES), USA
20	Dembla, India (for over 8" & Cast valves)
21	Gulf Valves, UAE
22	GWC Valves International , USA
23	Jiangyin Tianning Metal Pipe Fitting Co Ltd (TNF)
24	Shandong Molong Petroleum Machinery Company, China
25	APCO Pipe Fittings Co, China
26	Brays Controls -UK (excluding Triple offset metal seated)
27	Honeywell - MVT category
28	NOAH Actuation, Korea
29	KSB / MIL Controls, India
30	Sierra Monitor, USA
31	Net Safety
32	Riyadh Cables (Instrument cables)
33	Saudi Cables (Instrument cables)
34	Polycab (Instrument cables)
35	BEST Transformers, Turkey
36	Wuzhou Valves, China
37	Borets Pumps, USA & Egypt
38	Multi Valve Technology (MVT), China
39	Process Instrument Control
40	Vista Automation

REMOVED	
1	Econtrol Valves - Control Valves
2	BAF (NL)
3	Bonney Forge Corporation
4	Orton Valves SRL
5	Anand Teknow
6	Pantech, Malaysia
7	Vmonitor
8	Vimec Srl, Italy
9	Flare Industries
10	EIM
11	Armada
12	FoxBore

Manufacturers names in *Italic text* indicates inclusions in this revision