


**BARSOO APPROVED
VENDOR LIST
(Foreign Companies)
2021-2022**



	Project:	
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Barsoo Engineering Co.	Document No.: 30-A002-02	Page:2 Of 31

DOCUMENT CODE	TITLE
30-A002-02	Approved vendor list


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Automation


Equipment	Vendor	Country
Automatic Analyzer	YOKOGAWA	JAPAN
	TELEDYNE	USA
	SIEMENS	Germany
	SERVOMEX	UK
	PSYSTEME	Germany
	PANAMETRICS	USA
	H&B(ABB)	Germany/Italy
	Emerson	USA
	ENDRESS+HAUSER	Germany
	AGA EDEL GAS GMBH	Germany
	A.M.S	USA
Electrical Actuator	AUMA	Germany
	ROTORK	UK
	MIKROPOL	Germany
	LIMITORQUE	USA
	HAYDAC	ITALY
	EUBA	Germany
	AUTOMATIC	Germany
Field Instruments: Transmitters/Switches/Gauge (Pressure,level,flow)	YOKOGAWA	JAPAN
	WIKA	Germany
	VEGA	Germany
	TELEMECANIQUE	FRANCE
	SIEMENS	Germany
	Emerson	USA/UK
	Krohne	Germany
	IFM	Germany
	I.M.E	ITALY
	ENDRESS+HAUSER	Germany
	ABB	EU
	FANTINELLI	ITALY



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Equipment	Vendor	Country
Safety Valves	SAMSON	SWEDEN
	FLOWSERVE	Germany
	ARCA	Germany
Control Valves	Bray	UK
	EBRO	Germany
	GF	Switzerland
	Flowserve	USA/Germany
	Arflu	Spain
	Talis Valve	Spain
	Fisher	USA
	SAMSON	Sweden
	ARCA	Germany
Pneumatic Valves,	NORGREN	Germany
	REX ROTH	Germany
	PARKER	Germany
	MECMAN	Germany
	FOSSA	ITALY
	CAMOZZI	ITALY
Level Switches(capacity switch, vibration switch,....)	PEPPER&FUCHS	Germany
	SIEMENS	Germany
	VEGA	Germany
	ABB	EU
	IFM	Germany
	ENDRESS+HAUSER	Germany



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Equipment	Vendor	Country
Limit Switch	TELEMECANIQUE	FRANCE
	SQUARED	SWITZERLAND
	SIEMENS	Germany
	SCHEMERSAL	Germany
	LEMENS	Germany
	KIEPE	Germany
	IFM	Germany
	GENERAL ELECTRIC	Germany
	BALLUF	Germany
	ALLEN BRADLEY	Germany
	ABB	EU
Magnetic Inductive Flow Meters	ABB	EU
	ENDRESS+HAUSER	Germany
	Krohne	Germany
	DANFOSS	Germany
PLC Component	SIEMENS	Germany
	honeywell	USA
	YOKOGAWA	JAPAN
	ABB	EU
HMI and Process Computer/Industrial Computer	SIEMENS	Germany
	IBM	USA
	Dell	USA
	ABB	EU
	HP	EU
UPS	BOORI	ITALY
	EATON	USA
	LEVER	ITALY
Resistance Thermometers	SENSYCON	Germany
	LINDE	Germany



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Equipment	Vendor	Country
Temperature Measurement	INTECO	AUSTRIA
	HERAEUS	Germany
	ELECTRONITE	BELGIUM
	BRINKMANN	Germany
Ultrasonic Flowmeters	ENDRESS+HAUSER	Germany
	Krohne	Germany
	DANFOSS	Germany
WEIGHING SYSTEM	SIEMENS	Germany
	SCHENCK	Germany
	RAMSEY	ITALY
	PFISTER	Germany
	Metso	SWEDEN
	JOST	Germany
	PRECIA MOLEN	FRANCE



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ELECTRICAL		
-CIRCUIT BREAKER -DISCONNECTING & EARTHING SWITCHES	ABB	SWEDEN
	Siemens	Germany
	AREVA	ITALY
-CURRENT TRANSFORMER	ABB ALCE	SWEDEN TURKEY
-AUXILIARY RELAY(TRIP , CLOSE , TCS , C.C.S , ...)	SIEMENS ARTECH AREVA	GERMANY SPAIN FRANCE/UK
-PROTECTION RELAY -PROTECTION TEST BLOCK	SIEMENS ABB GE ALSTOM	GERMANY SWITZERLAND/FINLAND CANADA FRANCE
-CURRENT TRANSFORMER -CAPACITIVE VOLTAGE TRANSFORMER	ABB SIEMENS Emek(except 400kV)	SWEDEN GERMANY
VOLTAGE INDICATOR	ALCE ABB	TURKEY ITALY
PROTECTION RELAY	SIEMENS ABB SCHNEIDER GE MICOM	GERMANY FINLAND FRANCE SPAIN FRANCE



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Equipment	Vendor	Country
LIGHTNING ARRESTER	Tridelta	Germany
	Tyco	Ireland
-POST INSULATORS	Lapp	Germany
	Argillon	Germany
	Ceram	Germany
	NGK	Japan
	CERIOSL	Portugal
	PCC	
-STRING INSULATORS	Lapp	Germany
	Argillon	Germany
	Ceram	Germany
	NGK	Japan
- Measuring Center -Energy Meter(Electricity Market)	EDMI	Singapore
	CONTREL	Italy
	AKTARIS	SKI
	ISKRA	SLOVENIA
-Discrepancy Switch -Selector Switch - Measuring Test Block	Entrelec COMELETRIC	France ITALY
-Discrepancy Switch -Semaphore	Fuji COMELETRIC CEWE	Japan ITALY ITALY
Alarm Unit	ABB	Finland
Analogue Meter	ISKRA	Slovenia
	SACI	Italy
	GANZ	Germany
Semaphore	CEWE	Sweden
	Comelectric	Italy
DRIVE SOFT STATRTER	ABB SIEMENS SCHNEIDER EMETRON	FINLAND GERMANY FRANCE SWEDEN
REGULATOR	FRAKO	GERMANY



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Equipment	Vendor	Country
-Lamp Signal -Push Button	Telemecanique /BACO	France
- Selector Switch	BACO/ Bremas SCHNEIDER	France/ Italy France
Auxiliary Relay	OMRON	Japan
	Finder	Italy
-AC ACB -AC MCCB -AC MCB -DC MCCB (110V& 48VDC) -DC MCB (110V& 48VDC)	F&G ABB SCHNEIDER SIEMENS	Switzerland FRANCE GERMANY Austria
Battery	SAFT	France
	Alcad	Sweden
-PLC -TPS	ABB	Switzerland
	DIMAT	Spain
	Selta	Italy
RTU	ABB	Germany
Fault Recorder & Event Recorder	Areva	France
Electrical Motors	ABB	Finland
	SIEMENS	Germany
	WEM	Germany
	WEG	BRAZIL




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Utility


Equipment	Vendor	Country
Air Blower	C.C.BLOWER/CBI	Italy
	AERZENE	Germany
	ROOTS	UK
	HIBON	France
	OMS GROUP/HDF	Italy
	ACOVENT	Italy
	BOLDOROCHI	Italy
	GRUBER	Spain
	ROBUSCHI	Italy
	SAVIO	Italy
	AERZENER	Germany
	COBE	Japan
	Deresser	UK
	Kubicek	Czechia republic
Air Separation Plant	Siad	Germany
	Linde	USA
	Air Liquide	France
Bag filter and component	Elex	Switzerland
	Boldoroichi	Italy
	Intensive Filter	Germany
Bottom seal mist eliminator	Herco	Germany
	Burgess manning	UK
Burner	Pilard	France
	KSL	Sweden
	Comtech	Sweden
	Henning	Germany
	Eclipse	Germany
	FCT	Australia
	NFK	Japan
CARTRIGE FILTER HOUSING	FLUYTEC	SPAIN
	HARMSCO	USA
	PALL	USA
	SHELCO	USA Or Western Europe



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Equipment	Vendor	Country
Clarifier Mechanism	Dorr Oliver	Germany
	Savi	Italy
	Degremont	France
Compressed Air Units	GEA	UK
	Siad	Italy
	Kobe	Japan
Cooling tower	Ilmed	Italy
	Cenk	Turkey
	Spig	Italy
	Scam	Italy
DAF	KWI	AUSTRIA
	DEGREMONT	FRANCE
	LEOPOLD	USA
	VEOLIA	France Or Western Europe
Deluge Valve	Viking	USA
	Fire Guard	Uk
	Mini Max	Germany
	Safety Hi-Tech	Italy
	Hd Fire	India
	Grove	Italy
Dosing Units	PROMINENT	Germany
	ALDOS	
	ITC	Spain
	Milton Roy	EU
	LEWA	Germany
DRAINAGE PUMPS(Submersible)	LOWARA	
	TURO	
	EBARA	
	Grundfos	Denmark



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Equipment	Vendor	Country
<i>Dust Discharge and Conveying system</i>	Bevcon	Australia
	Procome/danieli	Italy
	Nol-tec	Italy
	Keymas	UK
<i>Energy Recovery</i>	FEDCO	USA
	ERI	USA
	KSB	Germany
	SULZER	Switzerland
<i>ESP(electrostatic precipitator)</i>	Elex	Switzerland
	Flsmitch	Denmark
<i>Fire fighting Co2 system</i>	Minimax	Germany
	Kidde	USA
	Notifire	USA
<i>Fire fighting Pump</i>	KSB	Germany
	Wartsila	Finland
	Grundfos	Denmark
	Nebras	Netherlands
	Armstrang	Netherlands
	Patterson	Ireland
<i>Fire fighting Sprinkler/spray system</i>	Minimax	Germany
	Kidde	USA
	Notifire	USA
<i>General Pumps</i>	KSB	Germany
	VOGEL	Austria
	ANDRITZ	Austria
	GRUNDFOS	Denmark
	DUECHTING	Germany
	SULZER	Switzerland



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Equipment	Vendor	Country
Heat Exchanger	Tranter	UK
	Flowserve	USA
	Gea	Germany
	Alfa laval	FR/SWE/GE
	Hydac	UK
	Swep	Sweden
	Sondex	Denmark
HVAC SPLIT UNIT/ HVAC System	Ogeneral	Japan
	L.G.	Korea
Hydro cyclone	Metso	Sweden
	FLSmidth	Denmark
Kitchen Equipment	Rivald	UK
	Apollon	UK
	Samsung	Korea
	L.G.	Korea
Main and booster industrial fans	C.C. BLOWER / CBI	Italy
	OMS GROUP / HDF	Italy
	ACOVENT	Italy
	BOLDOROCHI	Italy
	Gruber	Spain
	Rietz	Germany
Process,Cooling and seal gas compressor	Aerzener	Germany
	Kobelco	Japan
	Siemens	Germany
Purge Gas Compressor	Neuman-Esser	Germany
	Aerzener	Germany
	Mehrer	Germany
	Neac	Germany
Purge gas dryer	Herco	Germany
	Zander	Germany
	Neac	Germany
PVC FITTING	GF	Switzerland
	CEPEX	Spain
	PRAHER	Austria



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Equipment	Vendor	Country
PVC Pipe	GF	Switzerland
	TP	
	Vino	
PVC Valves	GF	Switzerland
	CEPEX	Spain
	Airovalve	Switzerland
	PRAHER	Austria
R.O. HP Pumps	KSB	Germany
	FEDCO	USA
	DUECHTING	Germany
	SULZER	Switzerland
R.O. Pressure Vessel	Codeline	USA
	BEL	Spain
	PROTEC	Spain
Reverse Osmosis Membranes	Filmtec	USA
	Hydranautics	USA
	Toray	JAPAN
	Koch	Germany
Seal gas after cooler	Herco	Germany
	Burgess manning	UK
	Zander	Germany
	Neac	Germany
Seal gas refrigerant dryer	Herco	Germany
	Burgess manning	UK
	Zander	Germany
	Neac	Germany
Slurry Pump	Warman	UK
	Metso Mineral	Sweden
	Haberman	Germany
	Weir	UK
	Grindex	USA and Canada
Slurry Valve	Zubi	Spain
Thickener	Tenova	Italy
	Metso Mineral	Sweden
	Outotec	Finland
UF Membranes	HYDRANAUTICS	USA
	DOW	USA



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	TORAY	JAPAN
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Equipment	Vendor	Country
Valve	Kitz	Japan/Spain
	Krohne	Germany
	Arca	Germany
	Interapp	UK
	Berthold	USA
	Weka	Switzerland
	Artes	Germany
	M&C Techgroup	Germany
	Vaas	India
	Tiltek	Belgium
	Honeywell Analytics	USA
	KSR	USA
	Hach Ultra	Canada
	Flowpart	Sweden
	Siemens	Germany
	KIZCORPORATION	Japan
	Grove	Italy
	MANNESMAN	Germany
	Handle	
	SIRCA	ITALY
	SAMSON	Germany
	ORTON	ITALY
	MAPAG(LINDE)	Germany
	LEGRIS	Germany
	KEYSTONE	UK
	FISHER/GULDE	Germany
	Famat	Swiss
Valves and Damper	Gruber	Spain



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Equipment	Vendor	Country
Water Pump	KSB	Germany
	Flygt	USA
	Caprari	Italy
	Sterling	Australia
	VOGEL	Austria
	ANDRITZ	Austria
	GRUNDFOS	Denmark
	DUECHTING	Germany
	SULZER	Switzerland
Wet Scrubber	Elex	Switzerland
	Flsmidch	Denmark




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Mechanical

Equipment	Vendor	Country
Annular cooler	Kobe steel	Japan
	Metso	Finland
	Voestalpine	Austria
Ball mill	Metso	Finland
	Thyssen krupp	Germany
	Koppers	Germany
Balling Discs	Outotec	EU/South Africa
Bearing	SKF	Germany
	Toyo	Japan
	NACHI	Japan
	FAG	Germany
	NTN	Japan
Belt (ST/EP)	Kauman	Spain
	CONTITECH	Germany
	Dunlop	Netherland
Belt Scale, Load Cell, Weigh Belt Feeder, Loss-In Weight Feeder	Schenck Process	Germany
	Milltronics	Germany
	Thermon Ramsey	Germany
	Vidmar	Spain France
	Hasler	France
	Scaim	Switzerland
	Dosatec	Switzerland
	FMS Systems AG	Switzerland
	Chronos Ric hardson Ltd	UK
	Precia Molen	France
Belt(said wall)	Kauman	Spain
	CONTITECH	Germany
	Dunlop	Netherland



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Equipment	Vendor	Country
Combined(stacker& reclaimer)	SANDVIK	Germany
	Tenova-Takraf	Germany/Italy
	Thyssen krupp	Germany
	FLSmidth	Germany
Wagon Tippler	SANDVIK	Germany
	Tenova-takraf	Germany/Italy
	Metso Minerals	Sweden
Crane (more than 100 Ton & A6,M6)	KONE	Finland
	DANIELI	Italy
	KRANBAU KOTHEN	Germany
Crane(Hoist & Components)	STAHL	Germany
	SWF	Germany
	KONE	Finland
	DEMEGA	Germany
Dumper Truck	CATERPILAR	USA
	LIEBHERR	Italy
	KOMATSU	Japan
Elevator Rack and Pinion	GEDA	Germany
	SCANCLIMBER	Finland
	STROS	Czech
	Saltiac	Spain
	Torgar	Spain
Flat deck truck	Benz	Germany
	Volvo	Sweden
	Iveco	Italy
Fork lift	CATERPILAR	USA
	LIEBHERR	Italy
	KOMATSU	Japan
Front wheel loader with special hot package for slag	CATERPILAR	USA
	LIEBHERR	Italy
	KOMATSU	Japan
Gear box	Flender	Germany
	Bonfiglioli	Italy
	SEW	Germany
	Benzler	Germany
	PIV	Germany



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	Elecon	India
	Radicon	UK
Grate Bars	Outotec	EU/South Korea/ Turkey



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Equipment	Vendor	Country
Great machine	Kobe steel	Japan
	Metso	Finland
	Voestalpine	Austria
HPGR	Thyssen krupp	Germany
	Koppert	Germany
Indur. Machine Gear Rims	Outotec	EU / South Korea
Indur. Machine Structure	Outotec	EU/ Turkey
Lubrication System	Delimon Lincoln	Germany
	GmbH Woerner	Germany
	Assalub S.A	Germany
	Turthill	sweden
Magnetic lifting Beam	SGM	Italy
	Raoul-Lenoir	France
Magnetic Separator	Erize	Germany
	DF	Spain
Mixer	Koppert	E.U (Germany)
	Eiristch	Germany
	Loedige Ava	Germany
	Huepp Zettl	Germany
Mobil crane	Cato	
Needle gate	IFE-aufbereitungstechnik	Austria
Pallet Cars	Outotec	South Korea
Pillow block	MAV	Italy
	BEKON	Germany
Pressure & Running Roller for Pallet Cars	FAG Schaeffler KG	Germany
	Faro Industrial	Italy
Pulley /Drum-Roller	RULMECA	Italy



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Equipment	Vendor	Country
Reciprocating Conveyor, Wide Belt Conveyor	Stampfer	Germany
	IEM	Germany
	Binder	Austria
	Sandvik	Sweden
	Metal 7	Canada
	TAIM-TFG	Spain
Roller Screens	Outotec	Germany
	Abacus	Canada
	Metal 7	Canada
	Aquamc	Brazil
	Technometal	Brazil
	Joest	Germany
Rotary kiln	Kobe steel	Japan
	Metso	Finland
	Voestalpine	Austria
Screens	Vibroprocess	Italy
	MONGENSEN	Sweden
	Shenck	Germany
	Metso Minerals	Sweden
	MONGENSEN	Sweden
Skid loader	Bob cat	
Thickener	Dorr & Oliver	UK/Canada
Trailer	Morello	Germany
Vertical mill	Metso	Finland
	Thyssen krupp	Germany
	Koppers	Germany
Vibration feeder	IFE-aufbereitungstechnik	Austria
	Metso Minerals	Sweden
	MONGENSEN	Sweden
	Thyssen krupp	Germany



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Process

Equipment	Vendor	Country
Catalyst	Sud-chemie catalyst	India
	Dycat	E.U
Reformer Tube	Centracero, S.A	E.U
	Posemarre	Germany
	Kubota metal Co.	Canada
	Schmidt clemens	E.U
Refractory/Insulation	Thermal Ceramic	UK
	Didier	Germany
	Vesuvius	UK
	RHI	Austria
	Rath	Germany
	Shinagava	Japan
IGG	Fk industrieofenbau	EU GMBH

