

REFERENCE LIST

for
High Pressure Systems



Equipment	Technical Data	Year	Plant Ref. / Location	Client Name
HP REACTOR SYSTEM AND HP INTERCONNECTING PIPING	Various	Sched 2009	SAUDI KAYAN PEROCHEM. CO.	SIMON CARVES / SAUDI KAYAN
HP PIPE SUPPORTS	Various	2007	BANDAR IMAN / IRAN	SIMON CARVES
PN 500 PIPING	various	2006	STEN-UNGSUND / SWEDEN	BOREALIS
HYDRAULIC OIL UNIT	various	2006	BANDAR IMAN / IRAN	SIMON CARVES
HP REACTOR SYSTEM	PN 3200 / PN 1600 NS 82	2006	STEN-UNGSUND / SWEDEN	BOREALIS
HP INTERCONNECTING PIPING	PN 3200 / PN 1600 NS 82, NS 89, NS120	2006	STEN-UNGSUND / SWEDEN	BOREALIS
HP AUTOCLAVE VESSELS	PN 2300	2006	ROMANIA	IPU / ARPECHIM
HP SPOOLS AND FITTINGS	PN 3450 PN 3370	2006	ANTWERP	ESSO Belgium
MP SEPARATORS	PN 378	2006	MEERHOUT	EXXON MOBIL
INTERCOOLERS	PN 1600 NS 60	2006	BANDAR IMAN / IRAN	SIMON CARVES
PRODUCT COOLER	PN 2700 NS 43	2006	POLITENO / BRASIL	POLITENO
PRODUCT COOLERS	PN 2350 NS 46 NS 60	2006	APP / BELGIUM	EXXON MOBIL
HP SPARE PARTS	varioius	2005	PARS / IRAN	TECHNIP
HP LDPE REVAMP	various	2005	NAVODARI / ROMANIA	ROMINSERV
AUTOFRETTAGE RAILS FOR DIESEL DIESEL INJECTION COMPONENTS	PN 3000	2005	BOSCH	GERMANY
PRODUCT COOLERS	PN 2380 NS 1" NS ¾" NS 1 ¼"	2005	APP / BELGIUM	EXXON MOBIL
JACKETED HP TUBES, HP BLOCKS	PN 1450 NS25 PN 3000 NS 50	2005	CHINA	EASTERN AUTOMATION
HP REACTOR LET DOWN	PN 3200 NS 42	2005	NL	SABIC

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VALVE				
JACKETED REACTOR TUBES FORGED BENDS and FITTINGS	PN 3600 NS 40	2005	SCHWECHAT / AUSTRIA	BOREALIS
INTERCONNECTING ISOMETRICS and HP DISTRIBUTION BLOCKS	PN 1500 / 3200 NS 98 / 75	2005	PARS / IRAN	TECHNIP
HP BLOCKS	NS 50 / NS 60	2004	BELGIUM	EXXON MOBIL
HP FITTINGS	PN 3600 / 1600	2004	GERMANY	CLARIANT
PRESSURE VESSEL	PN 2800	2004	ROMANIA	IPU
HP FORGED BENDS	PN 2900 NS 42	2004	FRANCE	ATOFINA
HP – TUBULAR REACTOR SEC. COMPR. INTERCOOLERS	PN 3200 NS 75 PN 1500 NS 82	2004	PARS / IRAN	TECHNIP
HP – 3/8” ISOMETRICS FOR INITIATOR INJECTION	PN 3200 NS9,5	2004	PARS / IRAN	TECHNIP
HP BLOCKS and rupture disc equipment	PN 1500 / 3200 NS 82 / 75	2004	PARS / IRAN	TECHNIP
HP & MP hydraulic operated and manual valves, HP Check valves	PN 500 NS 8” PN 3200 NS 75	2004	PARS / IRAN	TECHNIP
HP & MP pipe supports		2004	PARS / IRAN	TECHNIP
HP separator blow off valve (globe valves steam heated)	2500lbs NS4”	2004	PARS / IRAN	TECHNIP
HP reactor blow off valves	PN 3200 NS75	2004	PARS / IRAN	TECHNIP
Jacketed HP tubes, HP blocks	PN 3000 NS 50 PN 3000 NS 40	2004	CHINA	EASTERN AUTOMATION
HP – 3/8” ISOMETRICS for Initiator injection (supply of raw pilgered tubes and fabrication)	PN 3200 NS9,5	2004	MARUN / IRAN	LURGI
SPRING LOADED SAFETY RELIEVE VALVES	PN1600 NS24	2004	NANJING	BASELL
INTERSTAGE INTERCOOLERS	PN 1600 NS 60	2003	NANHAI / CHINA	TECNIMONT Italy
HP TUBES and BENDS	PN 2860 NS 7/8” PN 1380 NS 1”	2002	FRANCE	ATOFINA

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	PN 1330 NS 1¼"			
JACKETED HP TUBES	PN 3600 NS 40	2002	AUSTRIA	BOREALIS
HP TUBES	NS 25	2002	BRAZIL	POITENO
HP – TUBULAR REACTOR SEC. COMPR. INTERCOOLERS	PN 3200 NS 53 PN 1500 NS 56	2002	TURKEY	TECHNIP
INTERCONNECTING ISOMETRICS and HP DISTRIBUTION BLOCKS	PN 1500 / 3200 NS 75 + 56 / 53	2002	TURKEY	TECHNIP
HP – 3/8" ISOMETRICS for Initiator injection (supply of raw pilgered tubes and fabrication)	PN 3200 NS9,5	2002	TURKEY	TECHNIP
HP BLOCKS and rupture disc equipment	PN 1500 / 3200 NS 56 / 53	2002	TURKEY	TECHNIP
HP & MP hydraulic operated and manual valves, HP Check valves	PN 500 NS 6" PN 3200 NS 53	2002	TURKEY	TECHNIP
HP separator blow off valve (globe valves steam heated)	2500lbs NS2"	2002	TURKEY	TECHNIP
HP reactor blow off valves	PN 3200 NS53	2002	TURKEY	TECHNIP
HP & MP pipe supports		2002	TURKEY	TECHNIP
HP – VALVES	PN 500 / PN 3200	2000 2001	CHINA	CHINA PETROCHEM.
HP – FITTINGS HP – ISOMETRIC HP – VALVES	PN 3200 PN 3200 PN 500 / PN 3200	2000 2001	MALYASIA	TECHNIP
JACKETED HP - PIPES	PN 3200	2000	BELGIUM	SPEC. POLYMERS Antwerp
HP – SAFETY VALVES HP – BENDED PIPES	PN 2500 / PN 3200 PN 2500 / NS 42	1999 2000	SPAIN	TRANSMARK
JACKETED HP - PIPES	PN 3200 / NS 50,8	1999 2000	USA	EQUISTAR CHEM.
HP - VALVES HP - ISOMETRIC	PN 500 PN 500	1999	FRANCE	NUOVO PIGNONE
INTERCOOLER	PN 1600 NS60	1998	FRANCE	SALZGITTER

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HP – ISOMETRIC HP – VALVES Hydraulic Power Unit	PN 500 PN 500	1999		
RESONATOR	PN 320 / NS 25/40	1998	GERMANY	LEWA HERBERT OTT
FORGED HP – BENDS	PN 2900	1997 1998	SWEDEN	BOREALIS STENUNGSUND
JACKETED HP - PIPES	PN 1600	1997 1998	BELGIUM	BOREALIS ZWIJNDRECHT
HP – ISOMETRIC	PN 1000	1988 1998	GERMANY	ENNING MONTAGEN
HP VALVES HP FITTINGS HP PIPES	PN 3200 / NS 25 - NS 50 PN 3200 / NS 25 - NS 50 PN3200/NS 40	1985 1993 1995 1998	AUSTRIA	BOREALIS
HP – ISOMETRIC HP-VALVES	PN 1600 - PN 2500 PN 325 - PN 2500	1996 1997	KOREA	HYUNDAI – HPC
HP-VALVES Hydraulic Power Unit HP ISOMETRIC	PN 325 - PN 2500 PN 160 f. Actuator PN 3200	1996 1997	CHINA	TECHNIPETROL- ITALY
JACKETED HP - PIPES CATALYST INJECTION PUMP	PN 3200 PN 3200	1996 1997	BELGIUM	BOREALIS ZWIJNDRECHT
FORGED FITTINGS	PN 3600 / NS 15 - NS 50	1992 1995 1996 1997	SWISS	SULZER-BURCK.
HP HEAT EXCHANGER HP VALVES HP FITTINGS HP ISOMETRIC HP TEST STATION	PN 500 - PN 700 PN 500 / NS 15 - NS 60 PN 500 - PN 3600 PN 500 - PN 700 PN 5500	1995 1996	RUSSIA	SALZGITTER-BASF

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Hydraulic Power Unit	PN 160 f. actuator			
HP – VALVES	PN 3200 / NS 25 - NS 60	1985 1991	RUSSIA	SULZER-BURCK. / BASEL
HP – FITTINGS	PN 3200 / NS 25 - NS 60	1993 1996		
HP-BLOCKS	PN 1600 - PN 3200	1995	QATAR	SNAMPR. / MILANO
HP FITTINGS	PN 1600 - PN 3200			
HP - VALVES	PN 3200 / NS 32 - NS 50	1992 1995	USA	C.F BRAUN / NEW JERSEY
HP-CYLINDER f. COMPR.	PN 3200	1993 1994 1995	BELGIUM	BOREALIS / ZWIJNDRECHT
TUBULAR REACTOR - REVAMP	PN 3200 / NS 55	1983 1995	NETHERLANDS	DOW-TERNEUZEN
HP VALVES	PN 3200 NS 1" - NS 2"			
CYCLONE VESSELS	PN 1800 / ID 600	1989 1995	INDIA	EIL INDIA / GUJARAT
FILTER VESSELS	PN 700 / ID 500			
HP FITTINGS	PN 3200 / NS 25 - NS 60	1978 1984	BELGIUM	EXXON / ANTWERPEN
HP - Pipe & Bends	PN 3200 / NS 60	1991 1995		
HP VALVES	PN 3200			
HP VALVES	PN 3200 / NS 1" - NS 2"	1974 1986	USA	FLOUR / LONDON
FORGINGS & FITTINGS	PN 3200 / NS 1" - NS 2"	1995		
PULSATION VESSEL	PN 2500 / ID 350	1987 1995	ARGENTINIA	POLISUR
HP VALVES	PN 3200 / NS 1" - NS 2"			
HP VALVES	PN 3200 / NS 1" - NS 2"	1987 1995	USA	QUANTUM / LA PORTE

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HP VALVES HP FITTINGS Hydraulic Power Unit	PN 2500 / NS 32 - NS 50 PN 2500 / NS 20 - NS 50 PN 160 f. actuators	1982 1992 1995	GERMANY	INDUSTR.ANL / LEUNA
HP VALVES HP FITTINGS	PN 2500 / NS 25 - NS 45 PN 2500 / NS 15 - NS 50	1994	POLAND	VARIMEX / WARSAW
HP-VESSELS HP - VALVES HP - ISOMETRICS	PN 700 - 1800 PN 700-1800/NS 1"-3" PN 700-1800/NS 1"-NS 3"	1987 1989 1994	INDIA	CDF – CHEMIE / LILLEBONNE
TUBULAR REACTOR and other HP equipment	PN 3200 / NS 55	1974 to 1994	ROMANIA	ROMFERCHIM / MIDIA
TUBULAR REACTOR - REVAMP	PN 2500 / NS 45	1994	GERMANY	LEUNA WERKE
FORGINGS HP FITTING	PN 2500/NS 3/4"-NS 2 1/2" PN 2500 / NS 2"	1994	GREAT BRITAIN	PARSON & CO / MILANO
HP VALVES	PN 3200 / NS 1" - NS 2"	1985 1994	BRAZIL	POLIOLEFINAS
HP VALVES HP FITTINGS	PN 2500 / NS 20 - NS 55 PN 2500 / NS 20 - NS 55	1994	ZECHO-SLOWAKIA	STROJEXPORT / PRAG
HP VALVES HP FITTINGS	PN 3200 / NS 20 - NS 55 PN 3200 / NS 20 - NS 55	1991 1994	ZECHO-SLOWAKIA	TECHNOEXP. / PRAGUE
HEAT EXCHANGERS HP VALVES	PN 1800 / NS 72 PN 1800 / NS 32 - NS 72	1993	SPAIN	DOW-TARAGONA
TUBULAR REACTOR HEAT EXCHANGERS ISOMETRICS	PN 3600 / 50 PN 1600 / 70 PN 1600	1993	HUNGARY	SALZGITTER-BASF

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ISOMETRICS HP VALVES HP PUMP STATION Hydraulic power unit	PN 3600 PN 500 PN 5500			
TUBULAR REACTOR and other equipment	PN 3200 / NS 50	1993	CHINA / JINSHANWEI	SNAMPROG. / MILANO
FORGINGS AND FITTINGS	PN 2500 / NS 25 - NS 55	1989	GERMANY	RUHRCHEMIE / OBERH.
CYCLONE VESSELS FILTER VESSELS	PN 1800 / ID 400 PN 700 / ID 600	1989	KOREA	LUCKY GOLDS / SEOUL
REACTOR VESSEL	PN 2500 / ID 450	1989	USA	U.S. IND. / CINC.
AUTOCLAVE REACTOR	PN 2500 / ID 500	1987	BELGIUM	BP-CHEMICALS / ANTW.
REACTOR VESSEL	PN 2500 / ID 450	1984	BELGIUM	ESSO-CHEM / ANTW.
TUBULAR REACTOR AND OTHER EQUIPMENT	PN 3200 / NS 50	1978 1980	SICILIA	SNAMPROGETTI / MILANO
TUBULAR REACTOR AND OTHER EQUIPMENT	PN 3200 / NS 55	1978	ROMANIA	ROMCHIM / PITESTI
TUBULAR REACTOR AND OTHER EQUIPMENT	PN 3600 / NS 60	1972	RUSSIA	SALZGITTER-BASF