



REFERENCE – LIST EXTRACT
OF
MAJOR PROJECTS

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issued: Wilhelm

REFERENCE LIST-EXTRACT
OF
MAJOR PROJECTS:
VENTING- AND RELIEF SILENCERS
AND
Pressure Vessel Silencers

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Client	Qty	Project	Performance / Scope	
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SIEMENS, PG 	12	Taweelah Extension	All Safety valve relief silencers HRSG, LCM up to 400 t/h steam capacity ASME Design	
	8	RAS LAFFAN	All blow Off Silencer HRSG, LCM up to 350 t/h steam capacity ASME Design	
OMV Refinery 	4	OMVD META Project Burgkirchen	Start up silencers with rain cap	
Nuklear Power Plant BIBLIS 	2	Nuclear power plant BIBLIS	Exhaust silencers for MTU Diesel Engine	
LINDE AG 	11	air separation plant LEUNA 8	All product blow off silencers (O ₂ , N ₂ , Ar) and inline pipe silencers in CS and SS316 up to 60.000Nm ³ /hr	
	10	several N ₂ – Generating VPSA plants	Blow Off Silencer for waste gas with 3 to 4 inlet nozzles up to 30.000Nm ³ /hr	



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Client	Qty	Project	Performance / Scope	
MAN Turbo 	2	BASF Antwerpen	MAC Blow Off Silencer 240.000Nm ³ /h in SS 316 with sandfilled double shell and Deflectorhood	
MAN Turbo 	2	BAYAXNO, Shanghai	MAC Blow Off Silencer 220.000Nm ³ /h in SS 304 with Deflectorhood Size Ø2,5m x 4m	
MAN Turbo 	1	PARAXNO	Blow Off Silencer 210.000Nm ³ /h in P265GH Size Ø2,5m x 3m	
MTU 	1	Power Plant Duisburg	Bleed Air Blow Off Silencer for Gas Turbine	
ABB Lummus 	4	Selective Hydrode-sulphurization	Safety valve relief and start up silencers	
Air Liquide 			O2 Blow Off Silencer in SS316	



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Client	Qty	Project	Performance / Scope	
 CELANESE	1	Oberhausen	Dump Tube inline silencer	
 SEONGHWA	1	RAS LAFFAN	420t/h Blow Out Silencer	
 ALSTOM	1	CHOREN Fuel Freiberg	Safety valve relief silencers	
 BASF The Chemical Company	1	Ludwigshafen	120t/h Blow Out Silencer with dismantable orifice for cleaning	
 Aerzener Roots Blower	6	Assaluyeh, Iran	pressure silencer (resonance / absorption type) for discharge side roots blower	
 Mahler AGS ADVANCED GAS SYSTEMS	2	CHINA	pressure silencer after roots air blower	



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Client	Qty	Project	Performance / Scope	
Bopp & Reuther 	4	Paper Mill Stendal	Safety valve relief silencers up to 300 t/hr	
LESER 	4	several power plant projects	Safety valve relief silencers	
TYCO / Sempell 	2	Vattenfall, Stockholm power plant	Safety valve relief units, consisting out of silencer, out pressure pipe system 300 t/hr / 540 °C / 10 bar	
Paul Wuth Refractory 	8	THYSSEN Steel Mill8, Duisburg	Filling Silencer for Cowper, Foto: During preparation for pressure test	
Standard-kessel 	1	Augsburg	HRSG Silencer	
			Safety valve relief silencers	



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Client	Qty	Project	Performance / Scope	
		Power Plant Duisburg	Safety valve relief silencers up to 250 t/hr / 540°C	


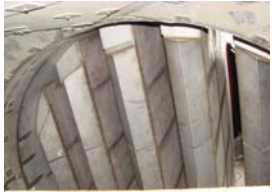






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Shell / LINDE AG  	154 !	Pearl Qatar – air separation plant	154 pc relief and pressure Silencer for 8 units air separation plants Out of SS136L and SA 516Gr70	
   				Packed in 44 pcs 40' Container






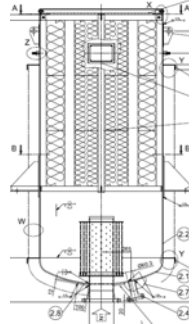




SES, Sostanj 	1	Bypass Silencer for Gasturbine	Silencer for exhaust stack SGT-800 (500°C)	
LINDE AG 	1	air separation plant	O2 product blow off silencer 60.000Nm ³ /hr	
MAN Turbo 	1	ABAAX	Blow Off Silencer 240.000Nm ³ /h in P265GH Size Ø2,7m x 4m	



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Client	Qty	Project	Performance / Scope	
LINDE AG 	7	air separation plant BREMEN5	Pressure pipe silencer with sand shell for: -) Air Blower -) Booster Compressor Up to 30 bar (air pressure test 45bar)	
Aerzener Maschinenfabrik 	6	industrial plant South Pars	Pressure pipe silencer for rootsblower	
Shell Qatar 	6	GTL Project Qatar	6 pcs pressure relief silencers for Nitrogen	
Praxair 	1	Gas Plant Germany	inline pressure silencer Oxygen	
E.ON 	1	Power Plant Staudinger	Start up Silencer 120 t/h	



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MRC Transmark / Stork  	10	RAS AL KHAIR POWER AND DESALINATION PLANT	10 pcs pressure relief silencers for dearator – 120t/h steam capacity	
Siemens PG 	11	Wang Noi + Chana Thailand	11 pcs pressure relief silencers up to 432 t/h steam capacity	
Thyssen Metall Serve	24	Ras Al Khair   山东电力建设第三工程公司 SEPCOIII Electric Power Construction Corporation	24 pcs pressure relief silencers up to 200 t/h steam capacity With 80 dB(A) !!! and extreme nozzle loads	
Kobelco 	24	Solvay Sadara	3 x 2 pressure vessel silencers out of SS304 for compressor ASME VIII incl. U-Stamp , PMI	
THE LINDE GROUP 	24	Jamnagar / India ASU plant	Silencer baffle for venting towers and noise protection components for compressor / pressure relief	 Baffles 6,5mx2,7m
 	32	Jamnagar / India ASU plant	silencers and noise protection components for compressor / pressure relief Acc. ASME VIII / IBR	



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	1	Linde Leixlip ASU plant	silencers for waste gas vent 	
Kobelco Japan 	3	Atlas, Air liquide	3 pressure vessel silencers out of for CO compressor ASME VIII	
	16	Jamnagar / India ASU plant	Steam silencers acc. to IBR "indian boiler regulation" Acc. ASME VIII / IBR	
	16	Linde Trinec ASU plant	silencers for waste gas vent pressure vessel acc. to PED / EN13445 	
	8	Dzerzhinsk Russian Federation	Blow off Silencers Air Separation Plant 	
	1	Schmidtsche Schack FCC SALAVAT	Blow off Silencers 	Heating of Silencer Bottom 



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	3	GuD Flensburg	Blow off Silencer for superheated steam 	 with felxible inlets 
 climate of innovation Viessmann (Schweiz) AG	1	Kantonsspital Baselland	2 Stage - Blow off Silencer - outside insulated 	
 ***ADVANCED GAS SYSTEMS***	3	730/Technip	2 Stage - Blow off Silencer N2-PSA 	separation 
	1	SOCAR State Oil Company of Azerbaijan Republic	Blow off Silencer - partly insulated 	wooden case packaging 



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	5	Hydrogen Plant Porvoo Finland	Design Code: EN 13445 PSA Purge Gas Silencer 	 
	1	Monterey MAN 30AA451	Dump Tube  	
	1	BMHKW Tangermünde Germany	Flue Gas Silencer 	





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	1	Levensaat	Dump Tube  
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Intech 2000 	4	Glow Energy Thailand (Fabrication India)	Safety Valve Blow Off Silencer   
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VS&E 	2	Pengerang, Malaysia (Fabrication India)	 
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