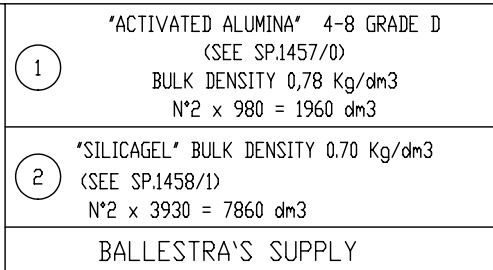


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<div><div></div><div>desmet ballestra</div></div>		ITEM 11C1		CUSTOMER				DWG. 1E35 . 35 . 002-1				
		N'REQUIRED 1		AIR DRYER				FLOW SHEET 1E35 . 10 . 002				
				PLANT SULPHUREX		JOB 1E35		SHEET 1 OF 1				
Rev.	Date	Drawn	Description									
0	03.11.09	G.R.	ISSUED FOR BID									
1	17.11.09	A.S.	ISSUED FOR CONSTRUCTION – REVISED WHERE INDICATED									
2	19.01.10	G.R.	ORIENTATION PLAN DEFINED									
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NOZZLES							DESIGN DATA			SHELL		
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE Bar (g)		0,7			
S1	14"	S.D.-R.F.150#	1	AIR INLET	7.92	45°	DESIGN PRESSURE Bar (g)		0,9			
S2	14"	S.D.-R.F.150#	1	AIR INLET	7.92	45°	HYDROSTATIC TEST PRESSURE Bar (g)		1,5			
S3	14"	S.D.-R.F.150#	1	AIR OUTLET	7.92	135°	PNEUMATIC TEST PRESSURE Bar (g)		–			
S4	14"	S.D.-R.F.150#	1	AIR OUTLET	7.92	135°	OPERATING TEMPERATURE °C		150			
S5 A	20"	S.D.-R.F.150#	2	MANHOLE	8	180°	DESIGN TEMPERATURE °C		200			
S6	20"	AS DWG	1	MANHOLE	8	225°	FLUID/SPECIFIC WEIGHT 1.95 Kg/m3		AIR			
S7	3/4"	ASME B1.20.1 NPT 3000#	1	DRAIN	2.87	270°	HEAT EXCHANGE SURFACE m2		–			
S8	3/4"	ASME B1.20.1 NPT 3000#	1	VENT	2.87	0°	HEAT TREATMENT		–			
S9	18"	AS DWG	2	MANHOLE	8	90°/270°	X-RAY TEST		–			
S10	2"	AS DWG	2	SKIRT VENT	3.91	0°/180°	PENETRATING LIQUIDS TEST		–			
S11	3/4"	ASME B1.20.1 NPT 3000#	1	VENT	2.87	90°	JOINT EFFICIENCY		0,7			
S12	2"	AS DWG	2	SKIRT VENT	3.91	90°/270°	CORROSION ALLOWANCE mm		1			
							GEOMETRIC CAPACITY litri		29250			
							INSPECTION INSTITUTE		CUSTOMER			
							CODE ASME SEZ. VIII div.1 ED. 2007					
							WEIGHTS					
							EMPTY ~ 7500 Kg		OPERATING ~ 17000 Kg			
									WATER FILLED ~ 36750 Kg			
							STD. DETAILS			ENCLOSED DWG.		
NAME PLATE POSITION						270°	WORKING DWG.			SB-PRS-00036/1		
MATERIALS							NAME PL. HOLDER			ST.0377/1		
SHELL and HEAD				A 515 Gr 60		NAME PLATE			SB-PRS-00120/0			
FLANGES				A 105		GENERAL NOTES			SB-PRS-SP001/0			
NOZZLES				A 106 B		EXTERNAL PAINTING			SB-ATI-SP002/4			
GRID				CARBON STEEL		DAVIT			ST.40847/1			
SUPPURT RING				CARBON STEEL		LIFTING LUGS TYPE 1			ST.400168/0			
STUD BOLTS				A 193 B7								
HEAVY HEX NUTS				A 194 2H								
UNIVERSAL GASKET				SEE SP. 1444/1								
						INSULATION : 70mm (~85 m2)						
NOTE : COMPLETE WITH PLUG.												
COMPLETE WITH BLIND FLANGE, GASKET, BOLTS and DAVIT.												
A SEPARATION PLATE DRILLED 3 mm HOLES FOR 5 mm PITCH - 1 mm THICK												
										RIF. 1A12-35-002		