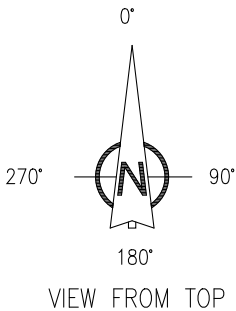
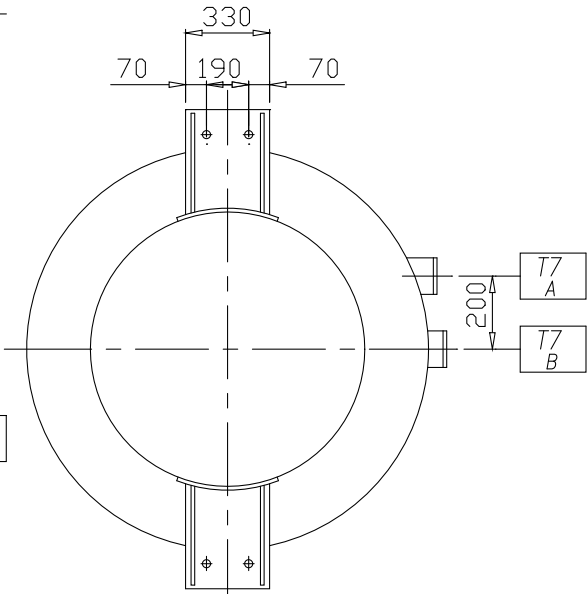
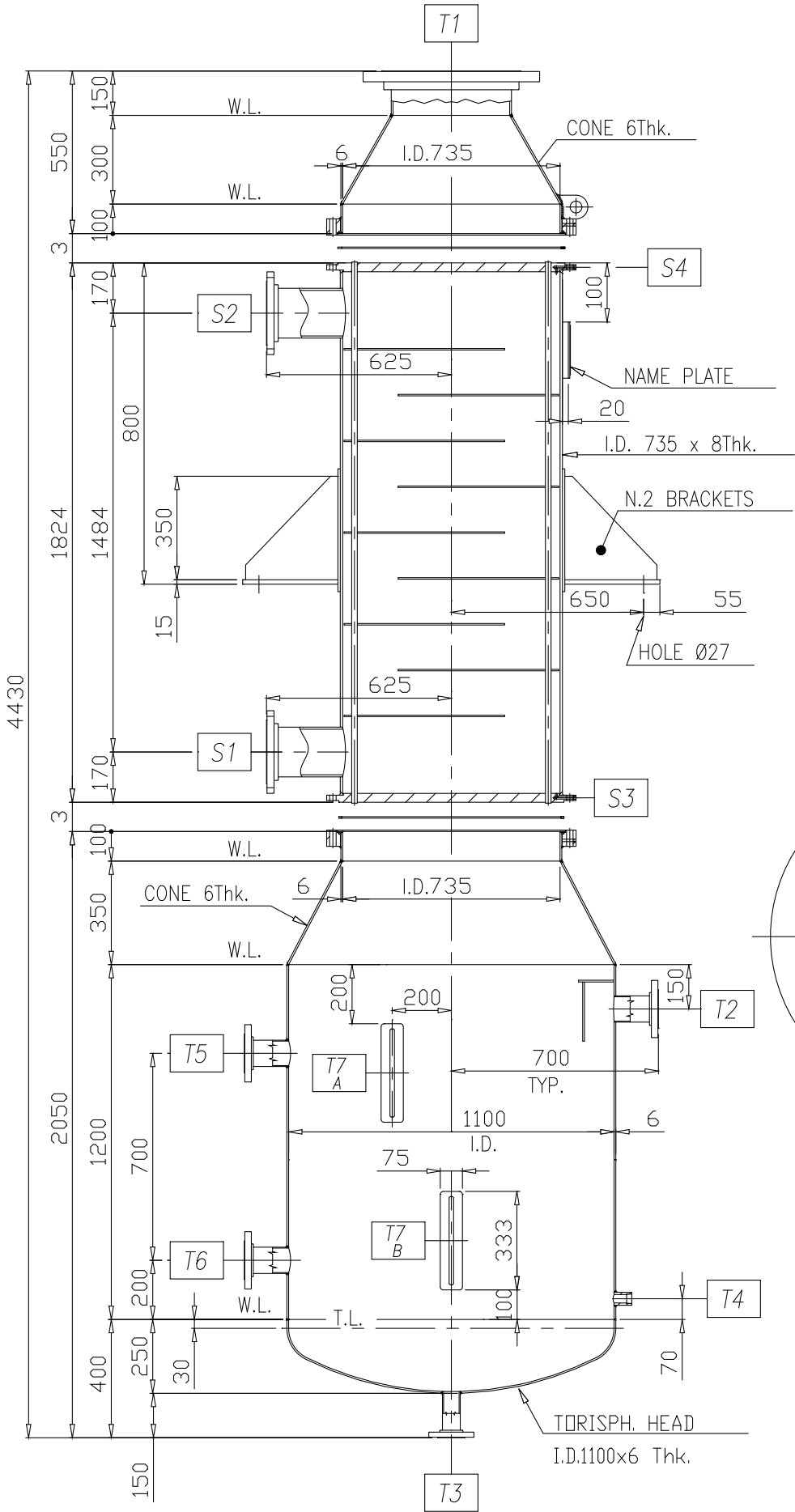


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N° 785 TUBES 3/4"DIA 16 BWG L.= 1830 △ PITCH 23.81  
N° 9 BAFFLES 5 Thk. PITCH 150 CUT 25%



		ITEM 33E1	CUSTOMER _____		DWG. 1E35-35-074-1						
desmet ballestra		N°REQUIRED 1	PLANT SULPHUREX		JOB 1E35	FLOW SHEET 1E35-10-010					
					SHEET 1 OF 1						
Rev.	Date	Drawn	Description								
0	13/11/09	O.C.	ISSUED FOR BID - ORIENTATION IN HOLD								
1	22/01/10	G.R..	ORIENTATION DEFINED								
The master version of this document is stored as a digital file in a database - Approval process is digitally managed and no signature is visible on the document.											
NOZZLES						DESIGN DATA	SHELL	TUBE	JACKET		
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE	Bar (g)	3	-0.95	
S1	6"	S.O.-R.F. 150#	1	WR INLET	7.11	180°	DESIGN PRESSURE	Bar (g)	4	-1/1	
S2	6"	S.O.-R.F. 150#	1	WR OUTLET	7.11	180°	HYDROSTATIC TEST PRESSURE	Bar (g)	6	1.5	
S3	1/8"F	ANSI B1.20.1	1	DRAIN	-	90°	MIN DESIGN METAL TEMPERATURE	°C	-	-	
S4	1/8"F	ANSI B1.20.1	1	VENT	-	90°	OPERATING TEMPERATURE IN / OUT	°C	20 / 24	35 / 25	
							DESIGN TEMPERATURE	°C	65	75	
							FLUID/SPECIFIC WEIGHT	Kg/m3	COOL WATER	STEAM + INERTS	
							HEAT EXCHANGE SURFACE	m2	-	86~	
T7	298x15	---	2	SIGHT GLASS	-	AS DWG	HEAT TREATMENT		-	-	
T6	3"	L.J. 150#	1	LSL CONNECTION	3.05	45°	X-RAY TEST		-	-	
T5	3"	L.J. 150#	1	LSH CONNECTION	3.05	45°	PENETRATING LIQUIDS TEST		-	-	
T4	1"	ANSI B1.20.1 NPT 3000#	1	TI CONNECTION	-	0°	JOINT EFFICIENCY		0.7	0.7	
T3	2"	L.J. 150#	1	CONDENSATE OUTLET	3.91	0°	CORROSION ALLOWANCE	mm	1.6	-	
T2	3"	L.J. 150#	1	VACUUM CONNECTION	3.05	0°	GEOMETRIC CAPACITY	litri	350	2000	
T1	16"	L.J. 150#	1	STEAM INLET	6	0°	INSPECTION INSTITUTE		DESMET BALLESTRA S.p.A.		
BRACKETS POSITION						0°	CODE ASME VIII DIV.1 / TEMA "B"				
						180°	WEIGHTS				
							EMPTY 2450~ Kg	OPERATING 2800~ Kg			
NAME PLATE POSITION						0°	WATER FILLED 4800~ Kg				
MATERIALS						STD. DETAILS		ENCLOSED DWG.			
SHELL				A 516 Gr. 60		WORKING DWG.		SB-PRS-00211/1			
CHANNELS				A 240 - 304		PAINTING		SB-ATI-SP002/4			
HEADS / CONE				A 240 - 304		NAME PLATE HOLDER		ST. 0377/1			
MAIN FLANGES				A 105+WELD.DEP. AISI304		NAME PLATE		SB-PRS-00120/1			
NOZZLES SHELL SIDE				A 106 Gr. B		SIGHT GLASSES <input type="checkbox"/>		KLINGER TYPE BR27 TYPE MOD.8			
NOZZLES TUBE SIDE				A 312 Tp.304		STUB ENDS		ST. 1073/0			
FLANGES SHELL SIDE				A 105							
FLANGES TUBE SIDE				A 105 + STUB ENDS							
STUB ENDS				A 240 - 304							
COUPLINGS / PLUGS				A 182 F304 / A 105							
STUD BOLTS / EX. NUTS				A 193-B7 / A 194-2H							
EXCHANGER TUBES				A 249 TP304							
UNIVERSAL GASKETS				SEE SP.1444/1							
BRACKETS				A 516 Gr. 60							
TUBESHEETS				A 182 F304							
SIGHT GLASSES				AISI 304		INSULATION: NO					
NOTE :											
<input checked="" type="checkbox"/> WITH PLUG										RIF. 1D54-35-031/1	