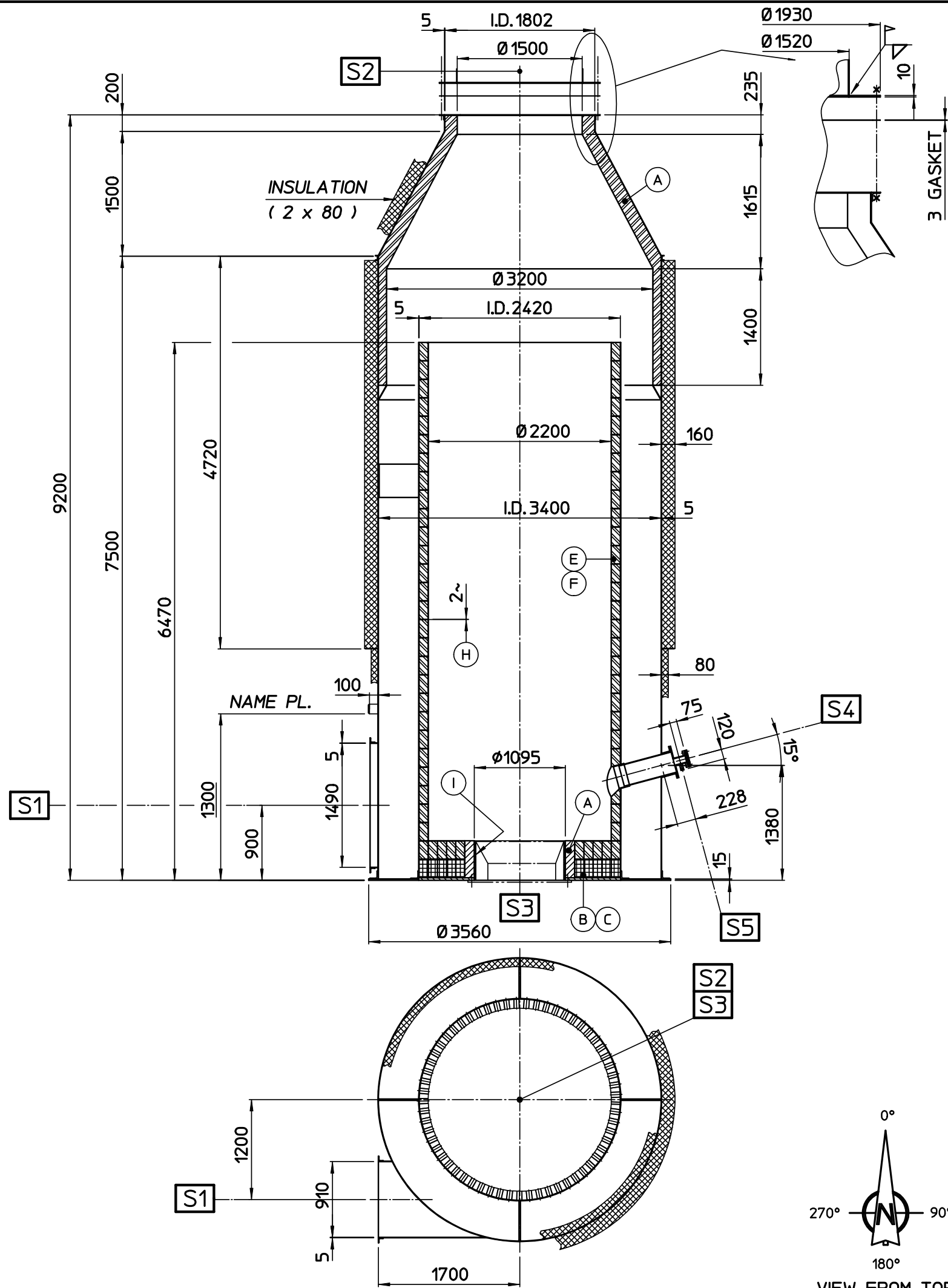



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 desmet ballestra		ITEM 64H2		CUSTOMER			DWG. 1E35-35-1115				
		N°REQUIRED 1		HOT AIR GENERATOR kcal/h 12000000			FLOW SHEET 1E35-10-1105				
				PLANT SABIZ		JOB 1E35Z		SHEET 1 OF 3			
Rev.	Date	Drawn	Description								
0	27/07/10	T.T.	ISSUED FOR INFORMATION								
1	02/08/10	O.C.	ISSUED FOR CONSTRUCTION - ORIENTATION DEFINED								
2	08/10/10	G.R.	BURNER TYPE DEFINED								
3	21/10/10	G.R.	DIMENSION BURNER CONNECTION ON "S3" MODIFIED								
4	28/02/11	G.R.	DIMENSION BURNER CONNECTION DEFINED								
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NOZZLES							DESIGN DATA		SHELL		
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE	Bar (g)	0.025		
S1	920x1500	AS DWG	1	AIR INLET	4	AS DWG	DESIGN PRESSURE	Bar (g)	0.035		
S2	1500	AS DWG	1	AIR OUTLET	-	☒	HYDROSTATIC TEST PRESSURE	Bar (g)	-		
S3	-	SEE SHEET 2	1	BURNER CONN.	-	☒	PNEUMATIC TEST PRESSURE	Bar (g)	-		
S4	80	ST. 40272	1	SIGHT GLASS	-	45°	OPERATING TEMPERATURE	°C	200		
S5	1" M	ANSI B120.1 NPT 3000#	1	AIR INLET	3,38	45°	DESIGN TEMPERATURE	°C	250		
							FLUID/SPECIFIC WEIGHT	Kg/dm3	AIR		
							HEAT EXCHANGE SURFACE	m2	-		
							HEAT TREATMENT	-			
							X-RAY TEST	-			
							PENETRATING LIQUIDS TEST	-			
							JOINT EFFICIENCY	0.7			
							CORROSION ALLOWANCE	mm	1		
							GEOMETRIC CAPACITY	liters	65585		
							INSPECTION INSTITUTE CUSTOMER				
							CODE STD. BALLESTRA				
							WEIGHTS				
							EMPTY 7500~ Kg	OPERATING 31000~ Kg			
							REFRACTORY 22000~Kg				
							STD. DETAILS		ENCLOSED DWG.		
							WORKING DWG		1E35-30-1115/3		
							SIGHT GLASS TYPE "K"		ST. 40272/1		
							REFRACTORY LINING		SP. 1282/1		
NAME PLATE POSITION						0°	PAINTING		SB-ATI-SP002/4		
MATERIALS						NAME PL. HOLDER		SB-PRS-00121/0			
SHELL					A 283 - C	NAME PLATE		SB-PRS-00119/0			
BASE PLATE					CARBON STEEL	LIFTING LUGS TYPE "I"		ST. 400168/0			
BOLTS					CARBON STEEL	GENERAL NOTES		SB-PRS-SP001/0			
FLANGES					A 105						
EXTERNAL NOZZLES					A 106 B						
INTERNAL NOZZLES					AISI 304						
UNIVERSAL GASKETS					SEE SP. 1444/1						
						INSULATION : Kg = 1550~					
						1st LAYER 80mm : (1x80) = 91m2					
						2nd LAYER 80mm : (1x80) = 69m2					
NOTE :											
● THE MANUFACTURER WILL SUPPLY THE NOZZLES WITH COUNTER-FLANGES, BOLTS, NUTS, AND GASKETS.											
BURNER TYPE : BURNER ITEM 64H1 TYPE : SIB SIBER "SPC 14 MW"									RIF. D.S. 2A09.35.129		