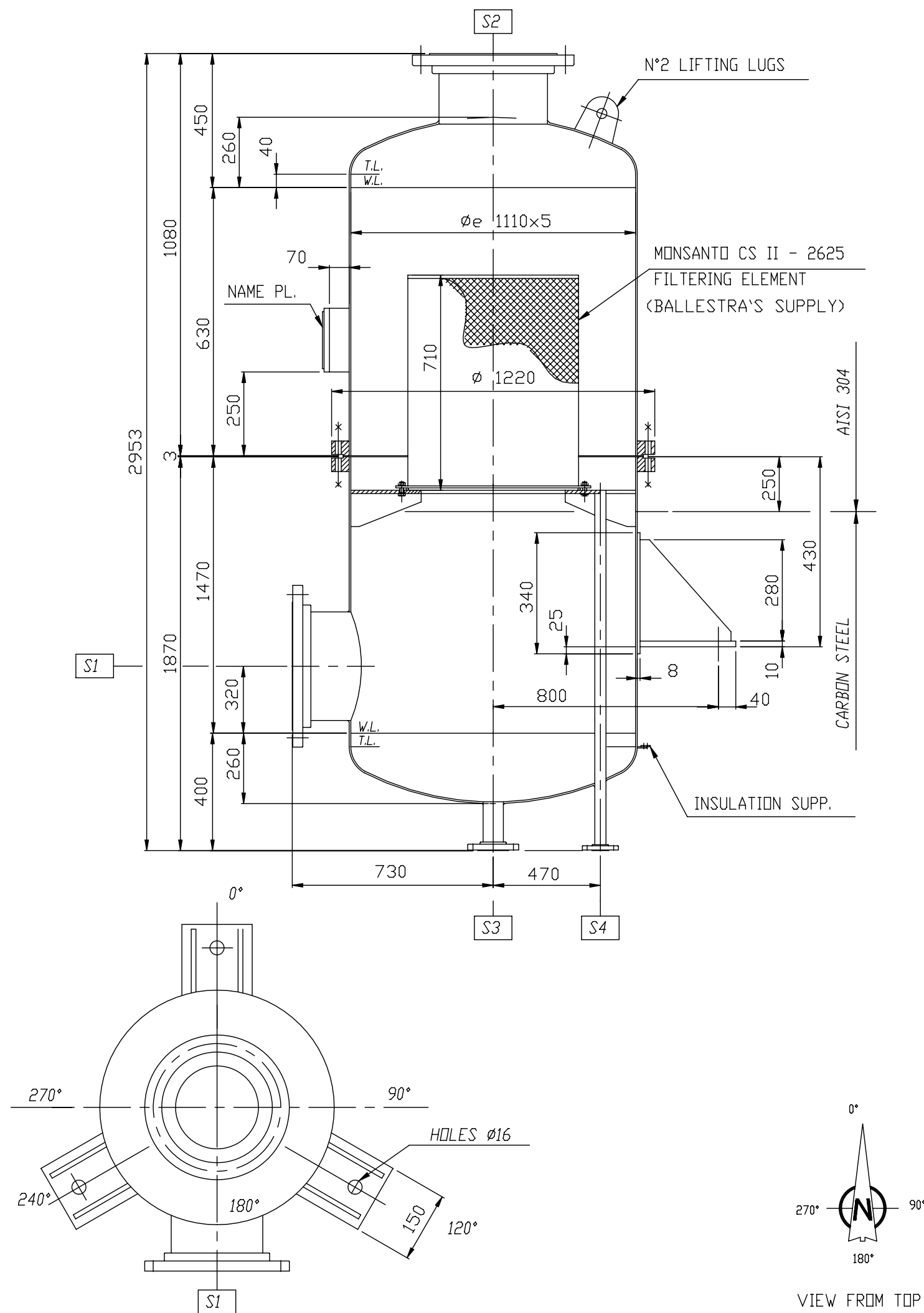


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<div><div></div><div>desmet ballestra</div></div>		ITEM 16F3		CUSTOMER				DWG. 1E35 . 35 . 21 . 1			
				REACTOR INLET GAS FILTER				FLOW SHEET 1E35 . 10 . 005			
				PLANT SULPHUREX		JOB 1E35		SHEET 1 OF 1			
N°REQUIRED 1											
Rev.	Date	Drawn									
0	10.11.09	A.S.	ISSUED FOR BID								
1	22.01.09	G.R.	ORIENTATION DEFINED								
2											
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 ORIENTATION	OPERATING PRESSURE	Bar (g)	0,35		
S1	12"	S.O RF 150#	1	GAS INLET	6,35	180°	DESIGN PRESSURE	Bar (g)	0,9		
S2	12"	L.J. 150#	1	GAS OUTLET	5	Ø	HYDROSTATIC TEST PRESSURE	Bar (g)	1,5		
S3	2"	S.O RF 150#	1	DRAIN	3,91	Ø	PNEUMATIC TEST PRESSURE	Bar (g)	-		
S4	2"	S.O RF 150#	1	DRAIN	3,91	270°	OPERATING TEMPERATURE	°C	50		
							DESIGN TEMPERATURE	°C	75		
							FLUID/SPECIFIC WEIGHT	Kg/dm3	AIR + SD3		
							HEAT EXCHANGE SURFACE	m2	-		
							HEAT TREATMENT	-			
							X-RAY TEST	-			
							PENETRATING LIQUIDS TEST	-			
							JOINT EFFICIENCY		0,7		
							CORROSION ALLOWANCE	mm	1 DN C.S.		
							GEOMETRIC CAPACITY	litri	2330		
							INSPECTION INSTITUTE	BALLESTRA S.p.A.			
BRACKETS POSITION						0°	CODE ASME VIII DIV. I				
						120°	WEIGHTS				
						240°	EMPTY 850 Kg		OPERATING 950 Kg		
NAME PLATE POSITION						270°	WITH FILTER 890 Kg		WATER FILLED 3180 Kg		
MATERIALS						STD. DETAILS			ENCLOSED DWG		
SHELL				A 515-60/AISI 304		WORKING DWG			ST. 290021-B/2		
HEAD				A 515-60/AISI 304		PAINTING			SB-ATI-SP002/4		
HEAVY HEX. NUT				A 194 - 2H		NAME PL. HOLDER			SB-PRS-00121/0		
STUD BOLTS				A 193 - B7		NAME PLATE			SB-PRS-00119/4		
FLANGES				A 105		TANKS TYPICAL TRACING			SP. 1443/1		
NOZZLES				A 106-B/AISI 304		STUB ENDS			ST. 1073/0		
FILTERING ELEMENT				FIBERGLAS							
SADDLES				A 515 - 60							
MAIN FLANGES				A 105							
STUB ENDS				AISI 304							
ANTIACID GASKET				SEE SP. 1445							
INSULATION : 50 mm.(11~ m2)											
NOTE : TRACCIARE IN CANTIERE CON TUBO DI RAME RICOTTO Ø 16x1 - N° 6 SPIRE PASSO 80 mm ON SITE TRACE THE BOTTOM BY SOFT COPPER Ø 16x1 - N° 6 TURNS PITCH 80 mm											
RIF. 1A12-35-021											