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		77S1A/B		SPRAY DRY TOWER CICLONE				FLOW SHEET 1E35 . 10 . 011		
		N°REQUIRED 1		PLANT _____		SULPHUREX		JOB 1E35		SHEET 1 OF 2
Rev.	Date	Drawn	Description							
0	18.01.10	G.R.	ISSUED FOR CONSTRUCTION							
1	12.02.10	G.R.	ORIENTATION PLAN DEFINED AND VIBRATOR SUPPORT ADDED							
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NOZZLES						DESIGN DATA		SHELLL		
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENTATION	OPERATING PRESSURE	Bar (g)	-0,01	
S1	1100	SB-ATI-PF001	1	AIR OUTLET	4		DESIGN PRESSURE	Bar (g)	-0,035/0,4	
S2	1027x1036	AS DWG.	1	AIR INLET	4		HYDROSTATIC TEST PRESSURE	Bar (g)	-	
S3	200	EN 1092-1 01 B1 PN2,5	2	POWDER OUTLET	4	2	PNEUMATIC TEST PRESSURE	Bar (g)	-	
S4	500x500	1E35-30-087 sh.2	2	MANHOLE	4	SEE PLAN ON SHEET 2	OPERATING TEMPERATURE	°C	100	
S5	500x500	1E35-30-087 sh.2	2	MANHOLE	4		DESIGN TEMPERATURE	°C	150	
S6	500x500	1E35-30-087 sh.2	2	MANHOLE	4		FLUID/SPECIFIC WEIGHT	0.027 Kg/m3	EXHAUST AIR + POWDER	
S7	500x500	1E35-30-087 sh.2	2	MANHOLE	4		HEAT EXCHANGE SURFACE	m2	-	
S8	500	1E35-30-087 sh.3	4	EXPLOS. PROOF DOOR	4		HEAT TREATMENT		NO	
							X-RAY TEST		-	
							PENETRATING LIQUIDS TEST		YES	
							JOINT EFFICIENCY		0.7	
							CORROSION ALLOWANCE	mm	-	
							GEOMETRIC CAPACITY	litri	SEE TABLE	
							INSPECTION INSTITUTE		CUSTOMER	
BRACKETS POSITION							CODE STD BALLESTRA S.p.A.			
NAME PLATE POSITION							WEIGHTS			
MATERIALS OR EQUIVALENT							EXPLOS. PROOF DOOR "S8" N°4 Kg. 600~			
SHELL / HEAD / CONE				A 240 - 304		CYCLONE N°2	Kg. 3000~	GEOMETRIC CAP. CYCLONE N°2	23000~ lt	
NOZZLES				A 240 - 304		TANK N°2	Kg. 750~	GEOMETRIC CAP. TANK N°2	4700~ lt	
FLANGES				A 240 - 304		TOTAL WEIGTH	Kg. 4900~	TOTAL GEOMETRIC CAP.	35300~ lt	
PLATES				A 240 - 304		OPERATING	Kg. 6000~			
BRACKETS				A 240 - 316 A 516 Gr. 60						
GASKET				SPONGY RUBBER		STD. DETAILS		ENCLOSED DWG.		
STUD BOLTS				A 193 B7		WORKING DWG.		1E35-30-087/1		
NUTS				A 194 2H		GENERAL NOTES		SB-PRS-SP001/1		
						NAME PL. HOLDER		SB-PRS-00121/1		
						NAME PLATE		SB-PRS-00119/1		
						PAINTING		SB-ATI-SP002/4		
						WELDING BEVEL		SP. 1344/0		
						INSULATION SUPPORT		ST.40679/2		
						INSULATION : 50 mm (m2)				
NOTE : PNEUMATIC VIBRATOR TYPE VIMEC 77SR4 * MEC - VAP 50 *										
RIF. 1986-35-002										