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		N°REQUIRED 1		SLURRY FEEDING FILTER				FLOW SHEET 1E35 . 10 . 1103					
				PLANT Sabiz 25000		JOB 1E35Z		SHEET 1 OF 1					
Rev.	Date	Drawn	Description										
0	21-09-10	G.R.	ISSUE FOR CONSTRUCTION AND ORIENTATION										
1	04-10-10	G.R.	STIRRER TYPE DEFINED AND SIZE T3 - T4 MODIFIED										
2													
3													
4													
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NOZZLES							DESIGN DATA			SHELL	TUBE	JACKET	
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE	Bar (g)	0,5		0		
S1	8"	S.O.-R.F.150#	1	PRODUCT INLET	5.56	180°	DESIGN PRESSURE	Bar (g)	1		0,5		
S2	8"	S.O.-R.F.150#	1	PRODUCT OUTLET	5.56	90°	HYDROSTATIC TEST PRESSURE	Bar (g)	1,5		1.5		
S3	2"	ASME 150# RF	1	DRAIN	-	0°	PNEUMATIC TEST PRESSURE	Bar (g)	-		-		
S4	1/2"	S.O.-R.F.150#	1	WP-VB INLET	2.77	0°	OPERATING TEMPERATURE	°C	60		80		
S5	1/4"F	ASME B120.1 NPT 3000#	1	VENT	2.24	150°	DESIGN TEMPERATURE	°C	95		100		
							FLUID/SPECIFIC WEIGHT	1,3 Kg/dm3	SLURRY		HW		
							HEAT EXCHANGE SURFACE	m2	-		-		
							HEAT TREATMENT	-	-		-		
							X-RAY TEST	-	-		-		
							PENETRATING LIQUIDS TEST	-	-		-		
							JOINT EFFICIENCY	0,7	0,7		0.7		
							CORROSION ALLOWANCE	mm	-		-		
							GEOMETRIC CAPACITY	litri	145		38		
T4	3/8" RP	UNI ISO 7/1	1	FLUSHING INLET	-	90°	INSPECTION INSTITUTE DESMET BALLESTRA						
T3	3/8" RP	UNI ISO 7/1	1	FLUSHING OUTLET	-	270°	CODE STD. BALLESTRA						
T2	1"	S.O.-R.F.150#	1	H2O OUTLET	3.38	180°	WEIGHTS						
T1	1/2"	S.O.-R.F.150#	1	H2O INLET	2.77	180°	EMPTY 285~ Kg		OPERATING 650 Kg				
LEGS POSITION						0°	WITH STIRRER 585 Kg		WATER FILLED 768 Kg				
						120°	STD. DETAILS					ENCLOSED DWG.	
						240°							
NAME PLATE POSITION						180°	WORKING DWG .		SB-PRS-00062/2				
MATERIALS OR EQUIVALENT						STIRRER "SAMIC"			124I 001				
SHELL				A 106 - B		GENERAL NOTES			SB-PRS-SP001/0				
SHELL HEAD				A 283 C		PAINTING			SB-ATI-SP002/4				
JACKET				A 106 - B		NAME PL. HOLDER			SB-PRS-00121/0				
JACKET HEAD				A 283 C		NAME PLATE			SB-PRS-00119/0				
STUD BOLTS				A 193 - B7		WELDING BEVEL			SP. 1344/0				
HEXAGONAL NUTS				A 194 - 2H									
MAIN FLANGES				A 266 Gr.2									
GASKETS				SEE SP. 1444/1									
FLANGES				A 105									
NOZZLES				A 106 B									
SUPPORT VESSEL				CARBON STEEL									
NET FILTERING ELEMENTS				S.S. 304									
GASKET FOR FILTERING BASKET				SOFT PTFE		INSULATION : 40 mm. (1,3 m2)							
NOTE : SUPPLY N° 1 SPARE BASKETS WITH													
PLATE 1,5 Thk. - HOLES Ø 3 - PITCH 4 (EMPTY/FULL 51%)													
												2C57-63F2A-F1-R1.mi	