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				SLURRY FEEDING FILTER			FLOW SHEET 1E35 . 10 . 1103				
		N°REQUIRED 1								PLANT SABIZ	
Rev.	Date	Drawn	Description								
0	21.09.10	G.R.	ISSUE FOR CONSTRUCTION AND ORIENTATION								
1	14.10.10	G.R.	STIRRER TYPE DEFINED AND SIZE T3 - T4 MODIFIED								
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NOZZLES							DESIGN DATA		SHELL	JACKET	COIL
POS	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE	Bar (g)	0.5	0	
S1	6"	S.O. - R.F. 150#	1	PRODUCT INLET	4.78	180°	DESIGN PRESSURE	Bar (g)	1	0.5	
S2	6"	S.O. - R.F. 150#	1	PRODUCT OUTLET	4.78	115°	HYDROSTATIC TEST PRESSURE	Bar (g)	1.5	1.5	
S3	2"	ASME 150# R.F.	1	DRAIN		⌀	PNEUMATIC TEST PRESSURE	Bar (g)	-	-	
S4	1/4"	ASME B120.1 NPT 3000#	1	VENT		270°	OPERATING TEMPERATURE	°C	60	80	
S5	1/2"	S.O. - R.F. 150#	1	STEAM INLET	2.77	0°	DESIGN TEMPERATURE	°C	80	100	
							FLUID/SPECIFIC WEIGHT	1,1 Kg/dm3	SLURRY	HW	
							HEAT EXCHANGE SURFACE	m2	-	-	
T4	1/4" RP	UNI ISO 7/1	1	FLUSHING INLET		0°	HEAT TREATMENT		-	-	
T3	1/4" RP	UNI ISO 7/1	1	FLUSHING OUTLET		180°	X-RAY TEST		-	-	
T2	1"	S.O. - R.F. 150#	1	HW OUTLET	3.38	45°	PENETRATING LIQUIDS TEST		-	-	
T1	1/2"	S.O. - R.F. 150#	1	VB INLET	2.77	270°	JOINT EFFICIENCY		0.7	0.7	
							CORROSION ALLOWANCE	mm	-	-	
							GEOMETRIC CAPACITY	litri	47	20	
							INSPECTION INSTITUTE	DESMET BALLESTRA			
							CODE	STD. BALLESTRA			
LEGS POSITION						0°	WEIGHTS				
						120°	EMPTY <u>~170</u> Kg		OPERATING <u>~330</u> Kg		
						240°	WITH STIRRER <u>~300</u> Kg		WATER FILLED <u>~347</u> Kg		
NAME PLATE POSITION						0°					
MATERIALS							STD. DETAILS			ENCLOSED DWG.	
SHELL				A 283 C			WORKING DWG .			SB-PRS-00307/0	
SHELL HEAD				A 283 C			WELDING BEVEL			SP. 1344/0	
JACKET				A 283 C			GENERAL NOTES			SB-PRS-SP001/0	
JACKET HEAD				A 283 C			PAINTING			SB-ATI-SP002/4	
STUD BOLTS				A 193 B7			NAME PL. HOLDER			SB-PRS-00121/0	
HEXAGONAL NUTS				A 194 2H			NAME PLATE			SB-PRS-00119/0	
MAIN FLANGES				A 105			STIRRER TYPE: * SAMIC * PV 45			124H 001	
UNIVERSAL GASKETS				SEE SP. 1444/1			INSULATION			SB-ATI-SP030/1	
FLANGES				A 105							
NOZZLES				A 106 B							
SUPPORT VESSEL				CARBON STEEL							
CLOTH				S.S. 304							
							INSULATION: 40mm (~1.3 m2)				
NOTE : SUPPLY N°1 SPARE BASKETS WITH PLATES Thk. 1.5 - HOLES Ø3 - PITCH 4 (EMPTY/FULL 51%)											
 WITH PLUG											
RIF. 2C57-35-003 - 62F6A											