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					SLURRY PREPARATOR			FLOW SHEET 2F11 . 10 . 104				
								PLANT SABIZ		JOB 2F11		SHEET 1 OF 1
N°REQUIRED 1												
Rev.	Date	Drawn										
0	27.02.12	T.T.	ISSUED FOR INFORMATION									
1	10.04.12	F.C.	ISSUED FOR MATERIAL SUPPLY – NOZZLES ORIENTATION ADDED									
2	21.06.12	F.C.	ISSUED FOR CONSTRUCTION – HOLD POINTS DEFINED									
3												
4												
5												
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NOZZLES							DESIGN DATA		SHELL	COIL	JACKET	
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE Bar (g)		0	6		
S1	I.D.330	AS DWG.	1	SOLID INLET	4	0°	DESIGN PRESSURE Bar (g)		0	8		
S2	øe200	AS DWG.	1	AV OUTLET	4	270°	HYDROSTATIC TEST PRESSURE Bar (g)		FILLING H2O	12		
S3	øe400	AS DWG.	1	MANHOLE	4	180°	PNEUMATIC TEST PRESSURE Bar (g)		–	–		
S4	øe200	AS DWG.	1	LIQUID INLET	4	90°	OPERATING TEMPERATURE °C		60	164		
S5	6"	AS DWG.	1	SIGHT GLASS	4	135°	DESIGN TEMPERATURE °C		90	175		
S6	6"	ANSI 150#	1	SB OUTLET	-	Ø	FLUID/SPECIFIC WEIGHT up to 1.6 Kg/dm3		SLURRY	STEAM		
S7	1" F	ASME B1.20.1 3000# NPT	1	TI CONNECTION	3.38	270°	HEAT EXCHANGE SURFACE m2		–	6,9		
S8	1" F	ASME B1.20.1 3000# NPT	1	TE CONNECTION	3.38	270°	HEAT TREATMENT		–	–		
S9	12"	ANSI 150#	1	STIRRER CONN.	-	Ø	X–RAY TEST		–	–		
S10	3"	ANSI 150#	1	LT CONNECTION	-	90°	PENETRATING LIQUIDS TEST		–	–		
T3	1/2"	S.D. – R.F. 150#	1	STEAM INLET	2.77	270°	JOINT EFFICIENCY		0,7	0,7		
T1	1"	S.D. – R.F. 150#	1	VB INLET	3.38	180°	CORROSION ALLOWANCE mm		–	–		
T2	1"	S.D. – R.F. 150#	1	CB OUTLET	3.38	180°	GEOMETRIC CAPACITY litri		4500	132		
LIFTING LUGS POSITION						110°	INSPECTION INSTITUTE BALLESTRA S.p.A.					
						225°	CODE STD. BALLESTRA					
						335°	WEIGHTS					
BRACKETS POSITION						45°	EMPTY 1200~ Kg		OPERATING 6300 Kg			
						135°						
						225°	WITH STIRRER 2120 Kg		WATER FILLED 6365~ Kg			
						315°	STD. DETAILS				ENCLOSED DWG.	
NAME PLATE POSITION						270°	WORKING DWG.		2F11.30.118/2			
MATERIALS						MANHOLE "S3"		SB–ST–0249/1				
SHELL					A 283 C	SIGHT GLASS "TYPE – C"		SB–ST–0270/1				
HEAD					A 283 C	GENERAL NOTES		SB–PRS–SP001/0				
FLANGES/LUMPS					A 105	PAINTING		SB–ATI–SP002/4				
NOZZLES					A 106 B	NAME PLATE HOLDER		SB–ST–0377/1				
COIL					A 106 B	NAME PLATE		SB–PRS–00120/1				
BRACKETS					A 283 C							
GASKET					See SP. 1444/1							
STUD BOLTS					A 307 B							