

NOZZLES							
NAME	QTY.	Ø NOM.	RATING	NOZZLE THICKNESS	SERVICE	"R"	COMMENTS
1	1	6"	SLIP ON 150#RF		DIPPING NOZZLE WITH STILL PIPE	180°	
2	1	6"	SLIP ON 150#RF		DIPPING NOZZLE WITHOUT STILL PIPE	BETWEEN THEM	
3/4	2	10"	SLIP ON 150#RF		RESPIRATION		
5	1	20"	NO ASA		ROOF MANHOLE		
6	1	4"	SLIP ON 150#RF		HIGH LEVEL ALARM		
7	1	12"	SLIP ON 150#RF		LEVEL GAUGE NOZZLE WITH STILL PIPE		
8	1	2"	SLIP ON 150#RF		TEMPERATURE PROBE		WITH BLIND FLANGE
9	1	4"	SLIP ON 150#RF		BUFFERING		WITH BLIND FLANGE
A	1	10"	SLIP ON 150#RF		PRODUCT INLET		
B	1	6"	SLIP ON 150#RF		PRODUCT OUTLET		
C	1	10"	SLIP ON 150#RF		RESERVE		WITH BLIND FLANGE
D	1	10"	SLIP ON 150#RF		RESERVE		WITH BLIND FLANGE
E	1	3"	SLIP ON 150#RF		BOTTOM DRAIN		
F/G/H	3	32"	NO ASA		MANHOLE WITH AGITATOR		
I	1	2"	SLIP ON 150#RF		TEMPERATURE SENSOR NOZZLE		WITH BLIND FLANGE
J	1	6"	SLIP ON 150#RF		RESERVE		WITH BLIND FLANGE
K/L	2	2"	SLIP ON 300#RF		INLET HEATING SYSTEM		WITH BLIND FLANGE
M/N	2	2"	SLIP ON 300#RF		OUTLET HEATING SYSTEM		WITH BLIND FLANGE
O	1	10"	SLIP ON 150#RF		FOAM INLET NOZZLE		
S	1	10"	SLIP ON 150#RF		RESERVE		
SP1					PIPE SUPPORTS		
SP2	1				INSULATION SUPPORTS		
RF	1				REFRIGERATION RING		
T	4				EARTH CONNECTIONS		
CE	1				FOAM GENERATORS		
SPC	1				CHARACTERISTICS PLATE		
TM	3	1"			SAMPLES OUTLET		

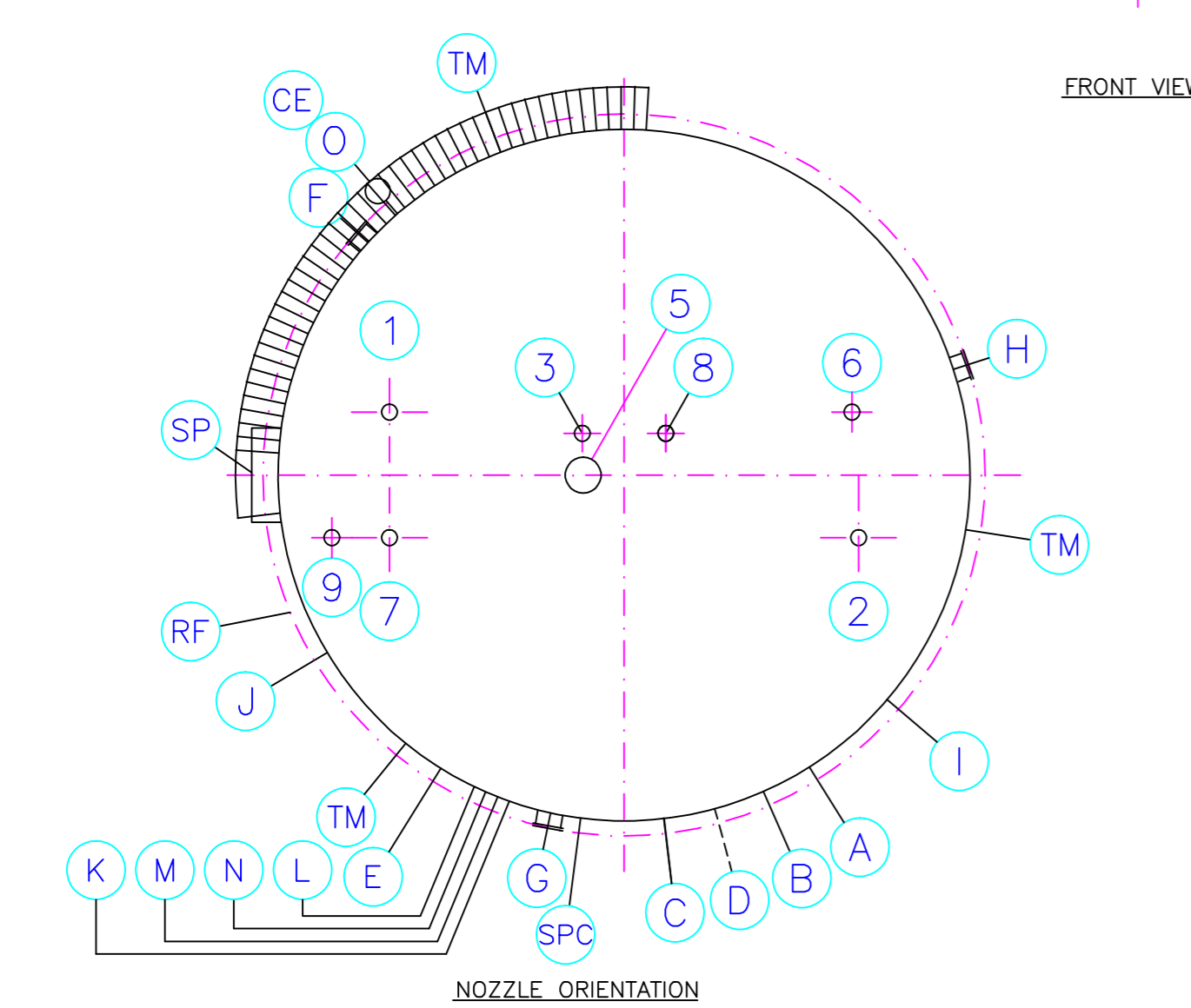
MATERIALS			
SHELL	S275JR EN 10025	SLIP ON FLANGES	ASTM A-105
ROOF	S275JR EN 10025	ELBOW	ASTM A 234 WPB
BOTTOM	S275JR EN 10025	EXTERNAL PIPES	ASTM A 106 Gr B
INTERNAL SUPPORTS	S275JR EN 10025	GASKETS (WITHOUT ASBESTOS)	KLINGERSIL C4400
INTERNAL PLATES	S275JR EN 10025	STUD BOLTS	ASTM A 193 B7/ 194 2H
INTERNAL PIPES	ASTM A 106 Gr B	PLATFORM & STAIRS	S275JR EN 10025
PIPE REINFORCEMENTS	S275JR EN 10025	CLOSE ELEMENT	S275JR EN 10025
FLANGES	ASTM A-105		

DESIGN DATA			
CODE	API STANDARD 650 (Last edition)		
SERVICE	SLOP		
USEFUL CAPACITY	1.000 m3		
OPERATION TEMPERATURE	65°		
PRESSURE / VACUUM OPERATION	ATMOSPHERIC		
DESIGN TEMPERATURE	75°		
PRESSURE / VACUUM DESIGN	200 mm.w.c. / 50 mm.w.c.		
TEST PRESSURE	INITIAL	ACCORDING TO CODE API-650	
	PERIODIC	-	
	BOTTOM	SHELL	ROOF
CORROSION ALLOWED BOTTOM / SHELL / ROOF	1	1	0
WELDING EFFICIENCY	-	1	-
X RAY	ACCORDING TO CODE API-650		
DENSITY	1000	Kg/m3	
MEDIUM DIAMETER	10.000	mm	
HEIGHT	13.000	mm	
INLET FLOW	500	m3/h	
OUTLET FLOW	250	m3/h	
WIND SPEED	144	Km/h	
LOCATION	Punta Cugno - Augusta		
SNOW OLOAD	-	Kg/m2	
ACCIDENTAL ROOF OLOAD	-	Kg/m2	
SEISMIC ACTIVITY RATE	-		

02	03/03/11	EMISSIONE PER PROGETTO DEFINITIVO	Iting Italiana Ingegneria S.r.l.	Med Engineering S.r.l.	Decal Mediterraneo S.r.l.
01	14/01/11	EMISSIONE PER COSTRUZIONE	Iting Italiana Ingegneria S.r.l.	Med Engineering S.r.l.	Decal Mediterraneo S.r.l.
00	20/12/10	EMISSIONE PER COMMENTI	Iting Italiana Ingegneria S.r.l.	Med Engineering S.r.l.	Decal Mediterraneo S.r.l.
REV.	DATA	DESCRIZIONE	DISIGN.	CONTR.	APPROV.

DECAL MEDITERRANEO S.r.l. SEDE LEGALE: Via Triboldi Pietro, 4 28015 - Sorsina (CR) www.decal.it	TITOLO STUDIO NUOVO DEPOSITO Oggetto: SERBATOIO A TETTO FISSO SERVIZIO SLOP CAPACITA' 1.000 m³	MED ENGINEERING S.r.l. SOCIETA' DI INGEGNERIA SEDE TECNICA: Via Albionico, 33 06100 - SIRACUSA www.medengineering.it Tel./Fax. +39 - (0)931 - 491284
STABILIMENTO: AUGUSTA	IMPIANTO: PUNTA CUGNO	COMMESSA: I.B._X_XI_PR_103

ELABORATO: Iting Italiana Ingegneria S.r.l. SEDE LEGALE: Via Mazzini, 17 Pal. A 00187 - ROMA Tel. +39 - (0)671 - 444.111 Fax. +39 - (0)671 - 417.229	CONTROLLATO: MED ENGINEERING S.r.l. SEDE TECNICA: Via Albionico, 33 06100 - SIRACUSA www.medengineering.it Tel./Fax. +39 - (0)931 - 491284	APPROVATO: DECAL MEDITERRANEO S.r.l. SEDE LEGALE: Via Triboldi Pietro, 4 28015 - Sorsina (CR)
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------



NOTA: DA VERIFICARE IN FASE DI INGEGNERIA DI DETTAGLIO