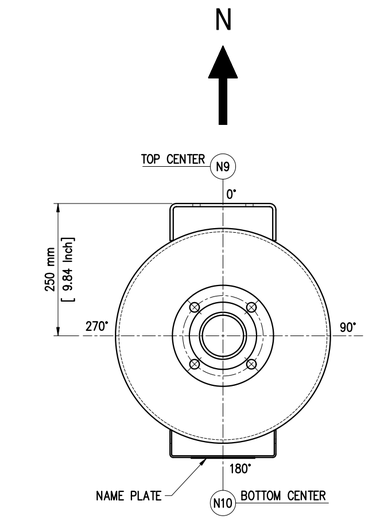
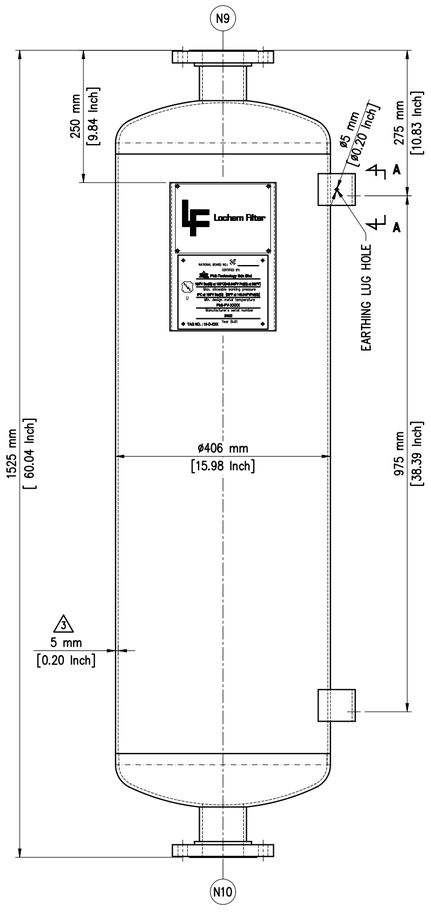
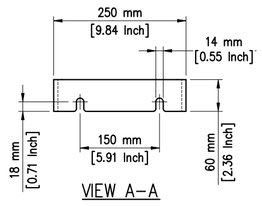
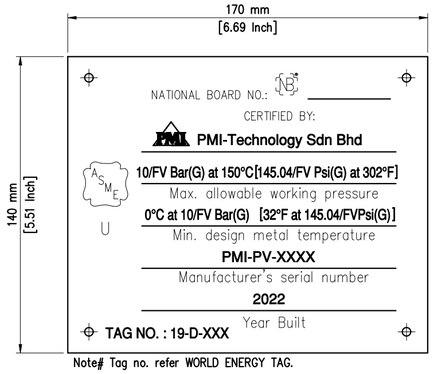


DESMET TAG.	WORLD ENERGY TAG. ⚠1
⚠2 667/16B.1	19-D-774
⚠2 667/16B.1	19-D-874





VIEW A–A



Note# Tag no. refer WORLD ENERGY TAG.

NAME PLATE DETAIL ⚠1

NAME PLATE TAGS.
19-D-774
19-D-874

NOZZLE DATA: ⚠1 ⚠1

MARK.	SIZE	RATING	TYPE	FLG. MAT'L	NBR.	SERVICE	REMARKS
N9	3"	ASME B16.5 CL.150	SORF	SA182 F304	1	INLET/N2	–
N10	3"	ASME B16.5 CL.150	SORF	SA182 F304	1	OUTLET/N2	–

GENERAL DATA:

DESIGN ACC.	: ASME CODE SECTION VIII DIV.1 2019 EDITION (U-STAMP)					
INSPECTION BY	: ABSG					
DESIGN PRESSURE	: -1.03/10.0 Bar(G)			[-14.5/145.04 Psi(G)]		
DESIGN TEMPERATURE	: 0/150 °C			[302 °F]		
TEST PRESSURE	: 13.8 ⚠3 Bar(G)			⚠3 [200.15 Psi(G) Hydr.]		
M.A.W.P.	: 10.0	Bar(G) at 150 °C		[145.04	Psi(G) at 302 °F]	
M.A.E.W.P.	: 1.0	Bar(G) at 150 °C		[14.5	Psi(G) at 302 °F]	
M.D.M.T.	: 0	°C at -1.0/10.0 Bar(G)		[32	°F at -14.5/145.04 Psi(G)]	
FILTER VOLUME	: 150	Ltr		[39.63	Gal]	
CORR. ALLOW.	: 0	mm		[0	In]	
INSULATION SURFACE	: –	m^2		[–	ft^2]	
WEIGHT FULL (WATER)	: 240	Kg		[529.1	lb]	
EMPTY	: 90	Kg		[198.42	lb]	
MATERIAL SHELL	: SA240 304		ACC. : ASME			
RADIOGRAPHY	: NONE		WELD EFF. : 0.7 (CATEGORY A) ⚠3			
MEDIUM	: AIR / N2		0.6 (CATEGORY B) ⚠3			
HEAT TREATMENT	: NONE					
MISALIGNMENTS	: AS PER UW 33					
OUT OF ROUNDNESS	: MAX. AS PER UG 80					
PWHT	: N/A					
LETHAL SERVICE	: NO					

⚠1 WIND
BASIC WIND SPEED
SOURCE : ASCE7-16, LATEST EDITION (WIND HAZARD MAPS)
BASIC WIND SPEED : 162.5 kph [101 mph]
EXPOSURE FACTOR : C
IMPORTANCE FACTOR : 1

⚠1 SEICMIC CONDITIONS
SEISMEC ZONE FACTOR
SOURCE : ASCE 7-16
SEISMIC DESIGN CATEGORY : D
SEISMIC SITE CLASS : D
IMPORTANCE FACTOR : 1.25
SPECTRAL RESPONSE ACCELERATION AT SHORT PERIOD, S_{DS} : 1.077 g
SPECTRAL RESPONSE ACCELERATION ONE SECOND PERIOD, S_{D1} : 0.664 g

SOIL PROFILE
SEISMIC DESIGN CATEGORY : D
SEISMIC SITE CLASS : D

SEISMIC IMPORTANCE FACTOR I : 1.25
SEISMIC IMPORTANCE FACTOR Ip : 1.25

SURFACE TREATMENT :
S.S. PARTS TO BE PICKLED & PASSIVATED

ALLOWABLE NOZZLE LOADS ⚠1						
NOZZLE	F_x	F_y	F_z	M_x	M_y	M_z
N9	2.81 kN			0.65 kNm		
N10	2.81 kN			0.65 kNm		

LIST OF MATERIAL (LOM) ⚠1	
PLATE	SA240 304
PIPE	SA312 TP304
NOZZLE FLANGE	SA182 F304

PART NO.	QTY.	DESCRIPTION	MATERIAL	REMARKS	WEIGHT(KG)
1	1	BUFFERTANK 19-D-774 & 19-D-874	Ref. LOM	14240-BT-B	–

APPROVAL STAMP:

ABS CONSULTING REVIEWED

This documents subject to any applicable comments noted in ABS Consulting Report / Letter

KL-GRP-DR-22-251

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	DRAWN BY	CHECKED BY	APPROVED BY	SIZE	A2
NAME	ADY	JASON	JASON	SCALE:	1:8
DATE	05/05/2021	05/05/2021	05/05/2021		

TITLE/DESCRIPTION	LOCHEM FILTER
SUBJECT	PURGE TANK 19-D-774 & 19-D-874 ⚠2
W/O NO.:	14240
O/C NO.:	2021/123
PROJECT NAME:	DESMET (WORPAR)
DRAWING NO.:	14240-BT-A
REV.	3

PMI-TECHNOLOGY SDN. BHD. (568062-K)

REV.	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY
⚠3 3	17/01/22	REVISE AS SHOWN	ADY	JASON-17/01/22	JASON-17/01/22
⚠2 2	04/10/21	REVISE AS SHOWN	ADY	JASON-04/10/21	JASON-04/10/21
⚠1 1	16/08/21	REVISE AS SHOWN	ADY	JASON-16/08/21	JASON-16/08/21

PROJECT NAME: WORPAR

WORLD ENERGY TAGS.
19-D-774 & 19-D-874