



GENERAL ARRANGEMENT DRAWING (GAD)

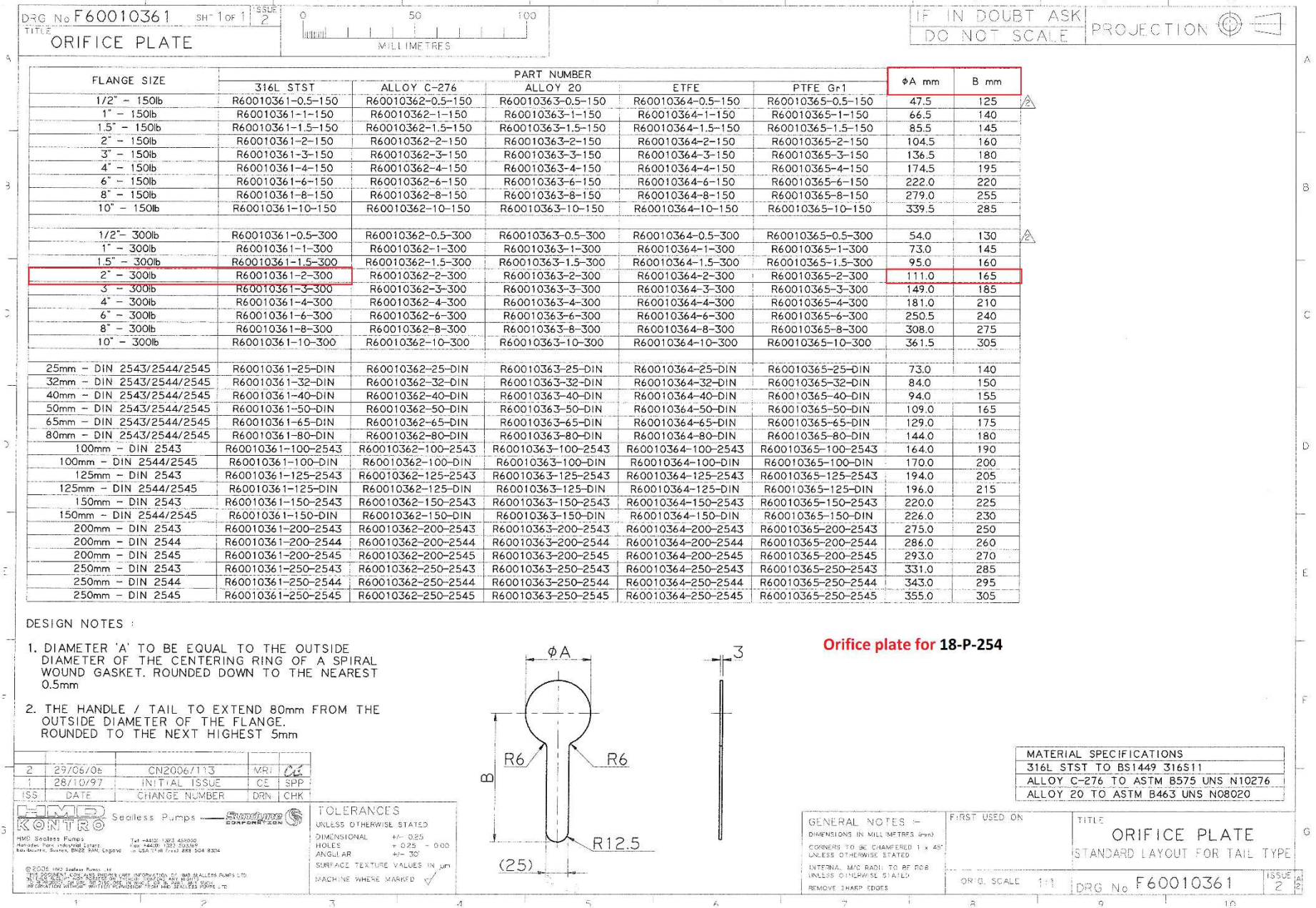
CLIENT	:	Air Products Manufacturing LLC
PROJECT NAME/NO.	:	WEP Renewables
CLIENT PO NO	:	4505605360
HMD DOCUMENT NO	:	HMD-4505605360-B01-04
CLIENT DOCUMENT NO	:	EN207122-SNDYN-9V3-00054
HMD PUMP NO	:	839919 A/B
EQUIPMENT TAG NO	:	18-P-254 A/B

5	12/05/2023	ISSUE FOR REVIEW	AFS	AFS	ARM
4	02/05/2023	ISSUE FOR REVIEW	ARM	KCM	AFS
3	10/10/2022	ISSUE FOR REVIEW	AFS	ARM	ARM
2	01/09/2022	ISSUE FOR REVIEW	ARM	KCM	AFS
1	06/06/2022	ISSUE FOR REVIEW	AN	AFS	NW
0	11/03/2022	ISSUE FOR REVIEW	ARM	BG	AFS
REV	DATE	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY

NOTE:

 RESOLUTION SHEET				
Comment Number	Document Name: General Arrangement Drawing		Revision from which comment first appeared	Comment Status: Open\Closed - (Date Closed:)
	CLIENT COMMENT	HMD RESPONSE	Current Rev:	
1 -		GA Drawing has been updated as per recent Change Order to add orifice plates to the pumps.	N/A	Closed (02/05/2023)
1 -		GA Drawing has been updated to include orifice plate detials.	N/A	Closed (12/05/2023)

Orifice Plate Details:





Addendum: General Arrangement Drawing

Document Reference No: EN207122-SNDYN-9V3-00054 / HMD-4505605360-B01-04

Tag No.: 18-P-254 A/B (839919 A/B)

NACE Compliance (MR-01-03 Not L or I)

Additional Information:

1. Service: Caustic Circulation Pumps
2. Liquid Type /Name: Circulating Wash Caustic
3. Operating Temperature: 118 ° F
4. Rated Flow: 20.5 gpm
5. Discharged Pressure: Rated 133.3 psig
6. Suction Pressure: Rated 22.8 psig / max 95.5 psig
7. Differential Pressure: 97.15 psi
8. Differential Head: 222.8 ft Based on Performance test with orifice at discharge
9. Absorbed Power: 8.6 HP

Reference Documents:

1. Equipment Data sheet – EN207122-SNDYN-9V3-00049 / HMD-4505605360-C04-04
2. Cross Sectional Drawing & Parts List – EN207122-SNDYN-9V3-00060 / HMD-4505605360-D01-04
3. Coupling Assembly Drawing & Parts List - EN207122-SNDYN-9V3-000 / HMD-4505605360-D03-01
4. Motor General Arrangements Drawing - EN207122-SNDYN-9V3-000 / HMD-4505605360-B03-04
5. Motor Data Sheet - EN207122-SNDYN-9V3-000 / HMD-4505605360-C11-04