

a

CONTRACT DATA

PURCHASER: Air Products Manufacturing LLC.

USER: WORLD ENERGY PARAMOUNT

JOB/PROJECT: World Energy Renewables Project

CUST. P.O. NO.: SM00001022

SERVICE: Carb Diesel Blending Pump

INSTALLED AT: World Energy, Paramount, CA, USA

PUMP OEM: SULZER PUMPS


SULZER ORDER NO.: 100488873-0010

IDENTIFICATION NUMBERS

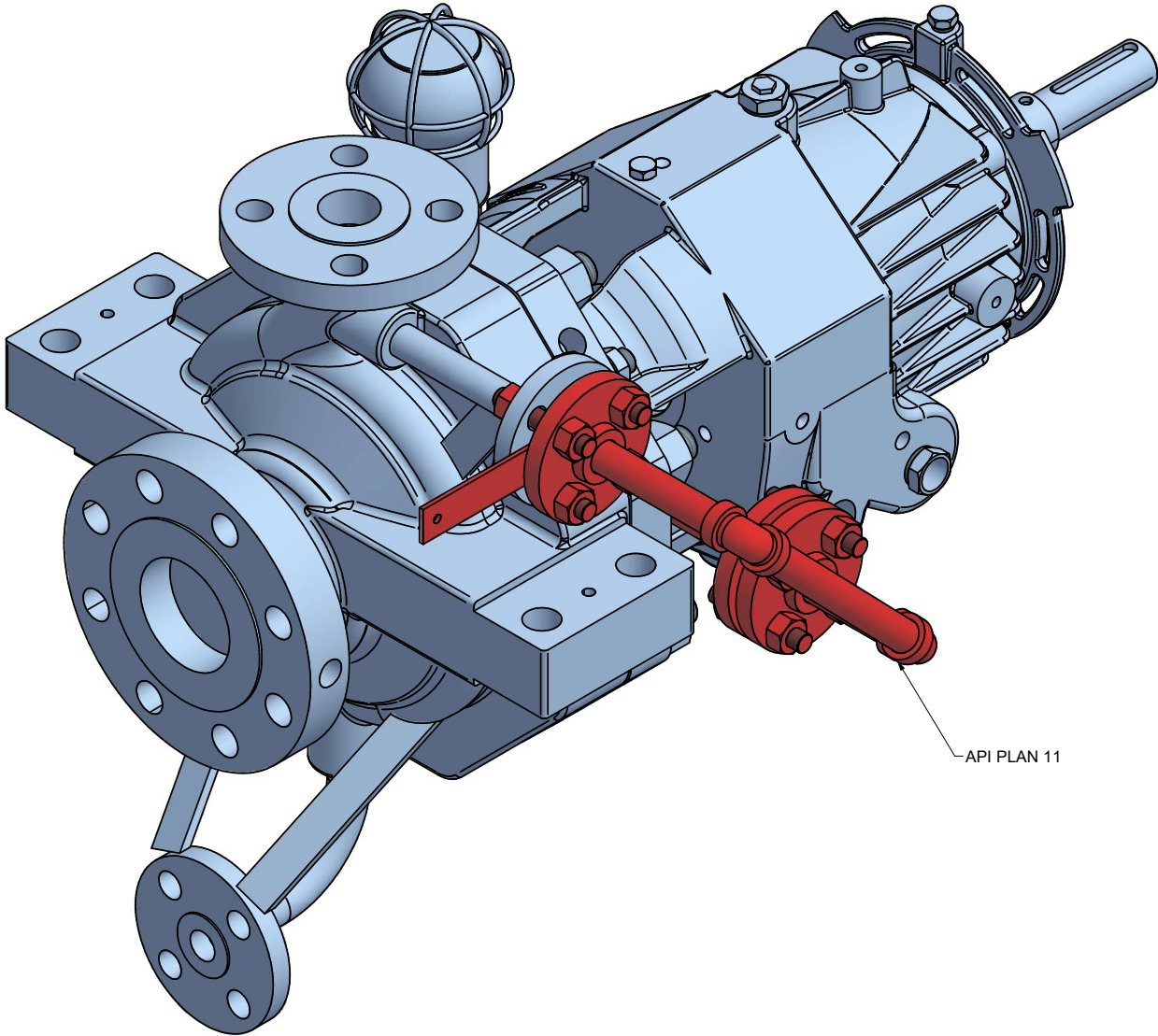
SULZER SERIAL NO.	CUSTOMER TAG NO'S	
	PUMP	DRIVER
656617	18-P-1823A	18-P-1823AM
656618	18-P-1823B	18-P-1823BM

DRAWING CONTENT

SHEET DESCRIPTION	SHEET NO.
GA ISOMETRIC DATA SHEET	1
API PLAN 11	2

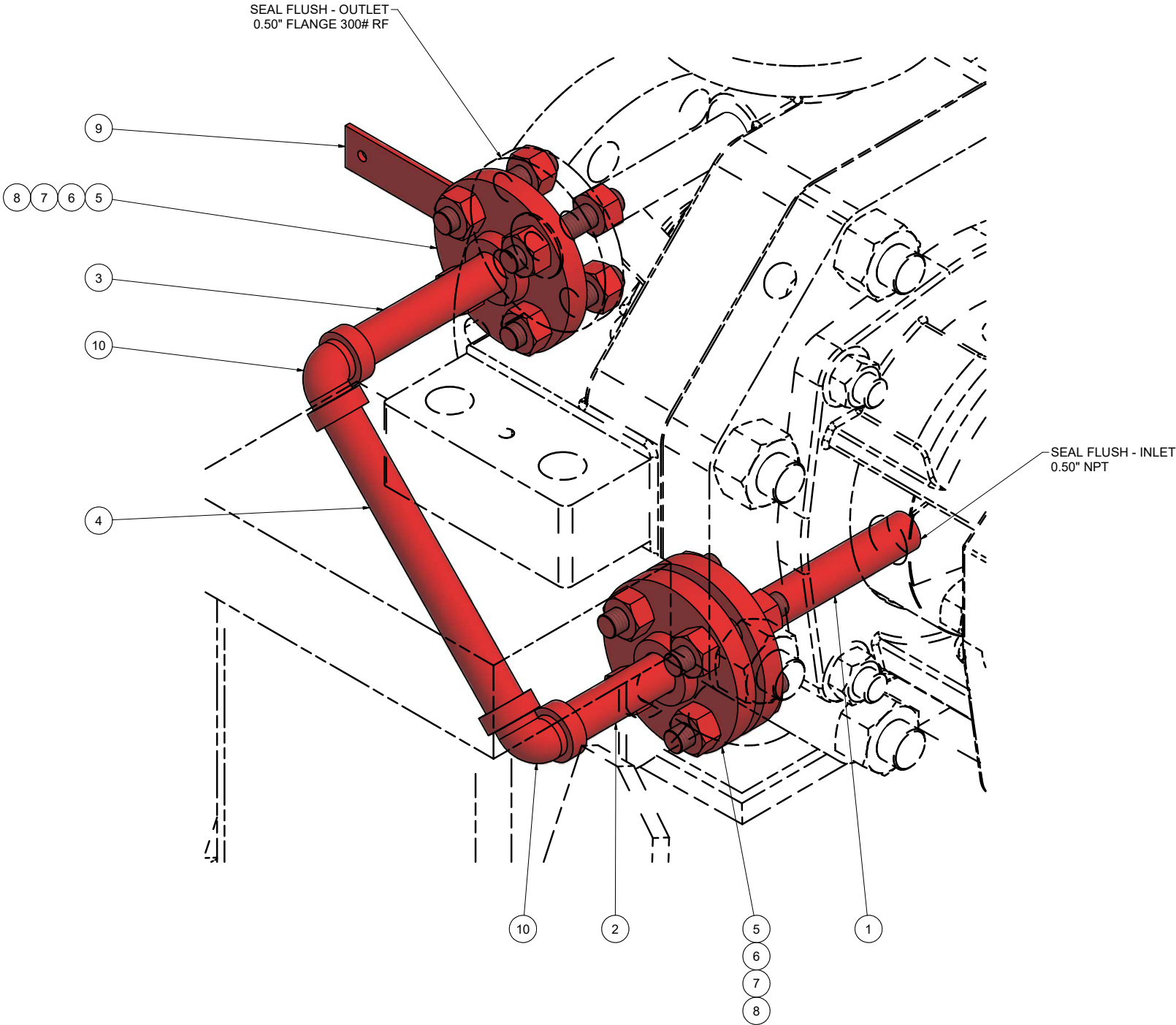
(a)	CUSTOMER COMMENTS WERE ADDED			30-AGO-2023	30-AGO-2023	30-AGO-2023
				A.GUTIERREZ	A.GUTIERREZ	C.GONZALEZ
REV.	MODIFICATION			MODIFIED	CHECKED	APPROVED
SEP. PARTS LIST:	NO	FORMAT: A1	DESIGN GROUP: -	THIRD ANGLE PROJECTION 		
REPLACED BY:		-			SUBSTITUTE FOR:	
OHH		GENERAL ARRANGEMENT ISOMETRIC AND DATA SHEET			DRAWN: 14/NOV/2022 S. RAMIREZ	
1.5 x 3 x 8-1					CHECKED: 14/NOV/2022 A. GUTIERREZ	
SULZER PUMPS					APPROVED: 14/NOV/2022 C. GONZALEZ	
100488873-0010		PIPING DRAWING				
SULZER		PART NO. -	EN	APP1004888730010-01		1 / 2

- NOTES:
- SEE GENERAL ARRANGEMENT DRAWING **PGA1004888730010-01** FOR LOCATION OF TERMINATION POINTS.
 - COLORS ARE NOT INTENDED TO REPRESENT "AS SHIPPED" PAINT REQUIREMENTS. THEY ARE FOR QUICK IDENTIFICATION OF PIPING AND EQUIPMENT.
 - MODELED REPRESENTATIONS ONLY, ACTUAL CONFIGURATION MAY VARY. INCLUDING THE USE OF BENDS, TO REDUCE THE NUMBER OF FITTINGS.
 - EQUIPMENT WILL NOT OVERHANG BASE.
 - PIPING TO BE SUPPORTED PER SULZER STANDARDS.
 - ALL WELDS CONFORM TO ASME B31.3 (PER API 610).
 - THREADED CONNECTIONS AT SEAL GLANDS AND INSTRUMENTATION.



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DRAWING MAY BE REPRODUCED, DISTRIBUTED OR
TRANSMITTED IN ANY FORM OR BY ANY MEANS,
ELECTRONIC OR MECHANICAL, INCLUDING
PHOTOCOPYING AND RECORDING, WITHOUT THE
EXPRESS **PRIOR** WRITTEN CONSENT OF SULZER
PUMPS

PART LIST						
POS	QTY/Length	Art-No	Description	Size	Class	Material
1, 2, 3, 4	21 in	104961123906	PIPE	1/2-SCH160		A312 Type TP316L Seamless
5	3	020032840304	FLANGE, SW	1/2	300RF	A182 Gr F316/F316L Dual Grade
6	3	204795108223	GASKET, SPIRAL WOUND	1/2-CG	300	AISI 316/Flexible Graphite
7	8	015103731403	STUD	1/2-13UNC-2Ax3.0		A193 GR B7
8	16	015203690504	NUT	1/2-13UNC-2B		A194 GR 2H
9	1	104753517034	ORIFICE	1/2-300RF, d=0.156 in	300RF	AISI 316
10	2	104942700728	ELBOW, SW, 90 DEG	1/2	6000	A182 GR F316L



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	CUST. P.O. NO.:		SM00001022		
	SERVICE:		Carb Diesel Blending Pump		
	INSTALLED AT:		World Energy, Paramount, CA, USA		
	PUMP OEM:		SULZER PUMPS		
	SULZER ORDER NO.:		100488873-0010		
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			A.GUTIERREZ	A.GUTIERREZ	C.GONZALEZ
	REV. MODIFICATION		MODIFIED	CHECKED	APPROVED
SEP. PARTS LIST: NO		FORMAT: A1	DESIGN GROUP: -	THIRD ANGLE PROJECTION	
REPLACED BY:		-	SUBSTITUTE FOR:	ORIGINAL SCALE: -	
OHH		API PLAN 11		DRAWN: 14/NOV/2022 S. RAMIREZ	
1.5 x 3 x 8-1				CHECKED: 14/NOV/2022 A. GUTIERREZ	
SULZER PUMPS		PIPING DRAWING		APPROVED: 14/NOV/2022 C. GONZALEZ	
100488873-0010					
SULZER		PART NO. -	EN	APP1004888730010-01	2 / 2