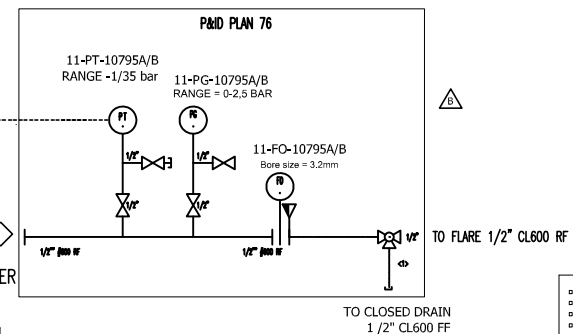
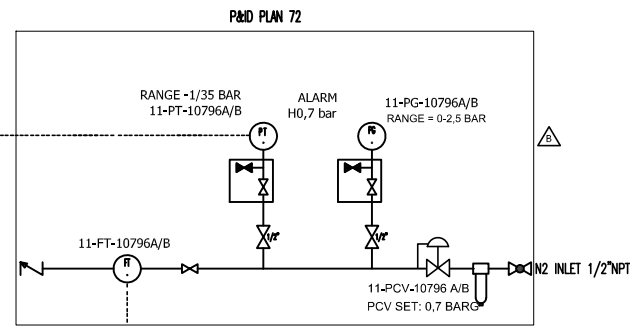
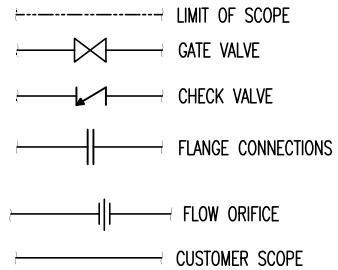


OPERATING AND DESIGN CONDITIONS FOR NITROGEN,
 OT : AMB (MAX 48°C) / OP :7.6 barg
 DT : 85°C / DP : 16 barg



ITEM	DESCRIPTION	SIZE
GV-1	GATE VALVE, CASE DRAIN	3/4"-SW,800#
GV-2	GATE VALVE, CONTAINMENT SEAL DRAIN	1/2"-SW,800#

LEGENDS



- NOTES:
1. LOCAL BEARING TEMPERATURE MEASURING POINT - PLUGGED
 2. ONLY ONE PLACE RTD CONNECTION
 3. FO TAG NUMBER -11-FO-10751A/B

INSTRUMENT TAG NO.	PUMP	11-P-107A		11-P-107B	
		1/2"	1/2"	1/2"	1/2"
PLAN 72	NIT	10796A	10796B		
	PCV	10796A	10796B		
	PT	10796A	10796B		
	PAH	10796A	10796B		
	FT	10796A	10796B		
	FO-2	10795A	10795B		
PLAN 76	PG	10795A	10795B		
	PT	10795A	10795B		
	BD	1/2"	1/2"		
	CD	1/2"	1/2"		

ITEM	CUSTOMER CONNECTION POINTS	SIZE / SCH.	TYPE	TERMINATION
SF	SUCTION CLASS ASME B16.5 300# END FLANGE	NB 3"	RF FLG	SHIPPING COVER
DF	DISCHARGE CLASS ASME B16.5 300# TOP FLANGE (WITH ORIFICE & GASKET)	NB 1"	RF FLG	SHIPPING COVER
N3	PLAN 11-ASME B16.5 300# FLANGE (WITH ORIFICE & GASKET)	.50" SCH 160	SWRF	PIPED BY RUHRPUMPEN
N4	PLAN 72	.50"	NPT	PIPED BY RUHRPUMPEN
N5	PLAN 76	.50" SCH 80	SWRF	PIPED BY RUHRPUMPEN
D1	DRAIN(WITH VALVE), PUMP CASE/ASME B16.5 300#	.50" SCH 160	SWRF	BLIND FLANGE
D2	'CONTAINMENT' SEAL 'DRAIN' WITH VALVE	.50" SCH 80	SWRF	BLIND FLANGE
P2	BEARING TEMP SENSOR (RTD)	.50"	NPT	USER CONNECTION
NIT		.50"	NPT	
BD		.50"	NPT	

APPROVAL DRAWING NOTES

1. PURCHASER'S COMMENTS AND/OR CORRECTIONS, WITHIN THE SCOPE OF CONTRACT, WILL BE MADE ON THE FIRST COMPLETED CERTIFIED DRAWING SUBMITTED BY TURBO TECH PUMP DIVISION AND RETURNED FOR CORRECTION.
2. CORRECTIONS, ALTERATIONS, ADDITIONS AND/OR MODIFICATIONS OUTSIDE SCOPE OF CONTRACT OR MADE AFTER FIRST SUBMITTAL, WILL REQUIRE AN ENGINEERING SERVICE CHARGE AND MAY CHANGE PRICE.
3. ITEMS CONDITIONALLY APPROVED OR NEEDING DEFERRED APPROVAL BY PURCHASER, MUST BE SPECIFICALLY STATED. DELIVERY MAY BE AFFECTED.

No Comment
 Comment As Marked, Manufacturing May Proceed
 Major Comment As Marked, Manufacturing Shall Be On Hold For The Next Revision.
 Rejected, New Document With The Same Revision No. shall be issued
 For Information

Name: _____ Date: _____
 Signature: _____
 Title: _____

Purpose of Distribution (PCD)
 Eng. Phase: _____ Purpose of Distribution (PCD): _____
 DE: _____

NO.	DATE	DESCRIPTION	BY	CHKD BY	APPROVED BY
01	18/10/2023	ISSUED FOR APPROVAL	MS	STP	MS
02	07/12/2022	ISSUED FOR APPROVAL	MS	STP	MS
03	07/10/2022	ISSUED FOR APPROVAL	MS	STP	MS
04	18/08/2022	ISSUED FOR APPROVAL	MS	STP	MS
05	08/02/2022	ISSUED FOR APPROVAL	MS	STP	MS

OWNER: _____
 PROJECT: HENGAM FERTILIZER PROJECT
 TURBO TECH FZE

TITLE: PID FOR AMMONIA SOLUTION PUMPS(11-P-107 A/B) SCE 3X1X11 PUMP

SCALE: NTS
 SHEET NO: 04
 TOTAL SHEETS: 04