| REFER               | RENCE DRAWINGS          | a |
|---------------------|-------------------------|---|
| MDD1004565270010-01 | MOTOR DRAWING           |   |
| CCD1004565270010-01 | COUPLING DRAWING        |   |
| SMD1004565270010-01 | MECHANICAL SEAL DRAWING |   |
| PPI1004565270010-01 | P&ID DRAWING            |   |
| SSD1004565270010-01 | PLAN 53B GA DRAWING     |   |

| <b>a</b> ) | COUPLING SPECIFICATIONS            |
|------------|------------------------------------|
|            | MFR: REXNORD                       |
|            | TYPE: XTSR 071-XXL SIZE: 0644      |
|            | COUPLING-GUARD MATERIAL: ALUMINIUM |

| DRIVER SPECIFICATIONS |         |          |
|-----------------------|---------|----------|
| MOTOR: ABB            |         |          |
| FRAME: 256T           |         |          |
| POWER: 15 HP          | SPEED:  | 3520 RPM |
| PHASE: 3              | VOLTAGE | 460      |
| FURNISHED BY: SPMX    | CYCLE:  | 60       |
|                       |         |          |

| PUMP SPECIFICATIONS  |  |
|--|--|
| SIZE & TYPE: 2 x 3 x 7.5A-1 OHH #STG.: 1   |  |
| SPEED: 3520 RPM  |  |
| ROTATION: CCW (AS VIEWED FROM DRIVER)  |  |
| DISCH FLG: 2.00"CLASS: 300# RF Standard: ASME B16.5  |  |
| SUCT FLG: 3.00"CLASS: 300# RF Standard: ASME B16.5   |  |
| MECH SEAL TYPE: John Crane   |  |
| MECH SEAL DRG: GA-268011-1 API CODE: 23A-PIN-048-11/53B  |  |
| API PIPING PLANS: PLAN 11 / 53B / M  | API PLAN 53B   |
| SUFFICIENT GROUT HOLES THE 6.0" x 4.0"—PROVIDED TO COMPLETELY GROUT BASE INCLUDING SUFFICIENT VENT HOLES WITH Ø0.5 | API PLAN M  8x ALIGNMENT SCREWS SQ. HEAR SET SCREW 0.50-13 UNC x 2.50 LG.  2x EARTHING LUGS (OPPOSITE SIDES) |

## NOTES:

- 1. CAUTION! CAREFULLY CHECK ALIGNMENT BEFORE STARTING UNIT. ALL HOLES IN FLANGES STRADDLE CENTERLINES. THE CONNECTION OF PIPES TO THE UNIT HAS TO BE STRESS FREE.
- 2. COLORS ARE NOT INTENDED TO REPRESENT "AS SHIPPED" PAINT REQUIREMENTS. THEY ARE FOR QUICK IDENTIFICATION OF PIPING AND EQUIPMENT.
- 3. PIPING AND EQUIPMENT ARE MODELED REPRESENTATIONS ONLY, ACTUAL LOCATION AND ORIENTATION MAY VARY PER SHOP STANDARDS, UNLESS OTHERWISE DIMENSIONED.
- . SEE DRIVER, SEAL SYSTEM, MECHANICAL SEAL OR COUPLING DRAWINGS FOR MAJOR DETAILS.

| (a) | APPROXIMATE WEIGHTS |      |     |
|-----|---------------------|------|-----|
|     | PUMP:               | 333  | LBS |
|     | MOTOR:              | 239  | LBS |
|     | BASEPLATE:          | 1218 | LBS |
|     | AUXILIARY:          | 690  | LBS |
|     | TOTAL:              | 2480 | LBS |

CONTRACT DATA

PURCHASER: AIR PRODUCTS AND CHEMICALS INC. USER: WORLD ENERGY PARAMOUNT LLC

JOB/PROJECT: WORLD ENERGY RENEWABLES PROJECT RJFU-B

UNIT: WBS: 1801

CERTIFIED FINAL

CONNECTION LAYOUT

4505551384 CUST. P.O. NO.: SERVICE: STRIPPER REFLUX PUMPS

INSTALLED AT: PARAMOUNT, CA PUMP OEM: SULZER PUMPS SULZER ORDER NO.: 100456527-0010

| IDENTIFICATION NUMBERS |                   |            |  |
|------------------------|-------------------|------------|--|
| SULZER                 | CUSTOMER TAG NO'S |            |  |
| SERIAL NO.             | PUMP              | DRIVER     |  |
| 649501                 | 18-P-355A         | 18-P-355AM |  |
| 649502                 | 18-P-355B         | 18-P-355BM |  |

| CERTIFIED FOR NOZZLE & FOUNDATION ONLY  PRELIMINARY ONLY | UNLESS OTHERWISE SPECIFIED TOLERANCES .X ± .50 .XX ± .12 |              |
|--|--|--------------|
|  | AUXILIARY CUSTOMER CONNECTION DIMENSION                  | NS ± 0.75    |
| DRAWING CONTENT  |  |              |
| SHEET DESCRIPTION  |  | SHEET<br>NO. |
| SA ISOMETRIC DATA SHEET                                  |  | 1            |
| OUNDATION AND NOZZLE                                     |  | 2            |
|  |  |              |

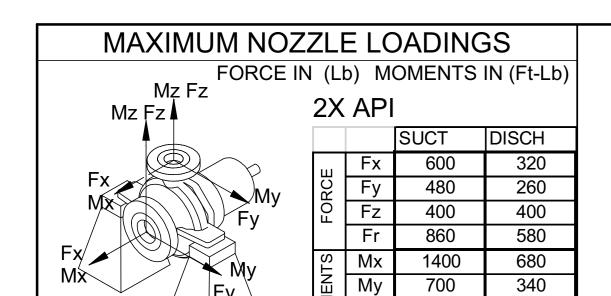
DO NOT SCALE. DIMENSIONS: INCH

CHANGES ACCORDING CUSTOMER COMMENTS 08/NOV/2022 08/NOV/2022 08/NOV/2022 S. RAMIREZ A. GUTIERREZ C. GONZALEZ REV. MODIFICATION CHECKED APPROVED SEP. PARTS LIST: NO FORMAT: A1 DESIGN GROUP: SULZER PUMPS THIRD ANGLE PROJECTION - SUBSTITUTE FOR: REPLACED BY: ORIGINAL SCALE: GENERAL ARRANGEMENT 20/DEC/202 OHH S. RAMIRE 2 x 3 x 7.5A-1 GA ISOMETRIC AND DATA SHEET CHECKED: 20/DEC/2021 A. GUTIERREZ APPROVED: 20/DEC/2021 100456527-0010 GENERAL ARRANGEMENT DRAWING

EN PGA1004565270010-01 1 / 3

C. GONZALEZ

© SULZER Ltd (2021) ALL RIGHTS RESERVED. NO PART OF THIS 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



Mz Mr

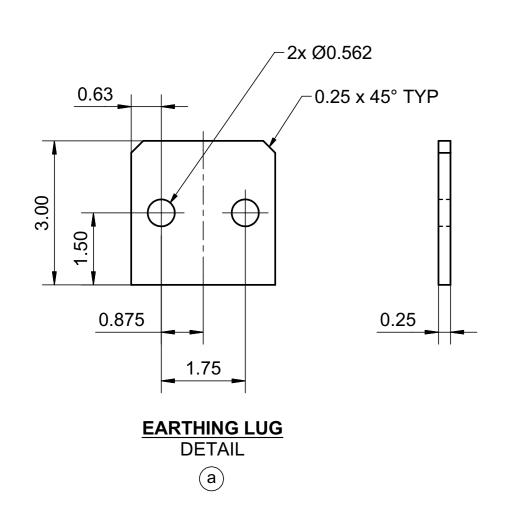
1060

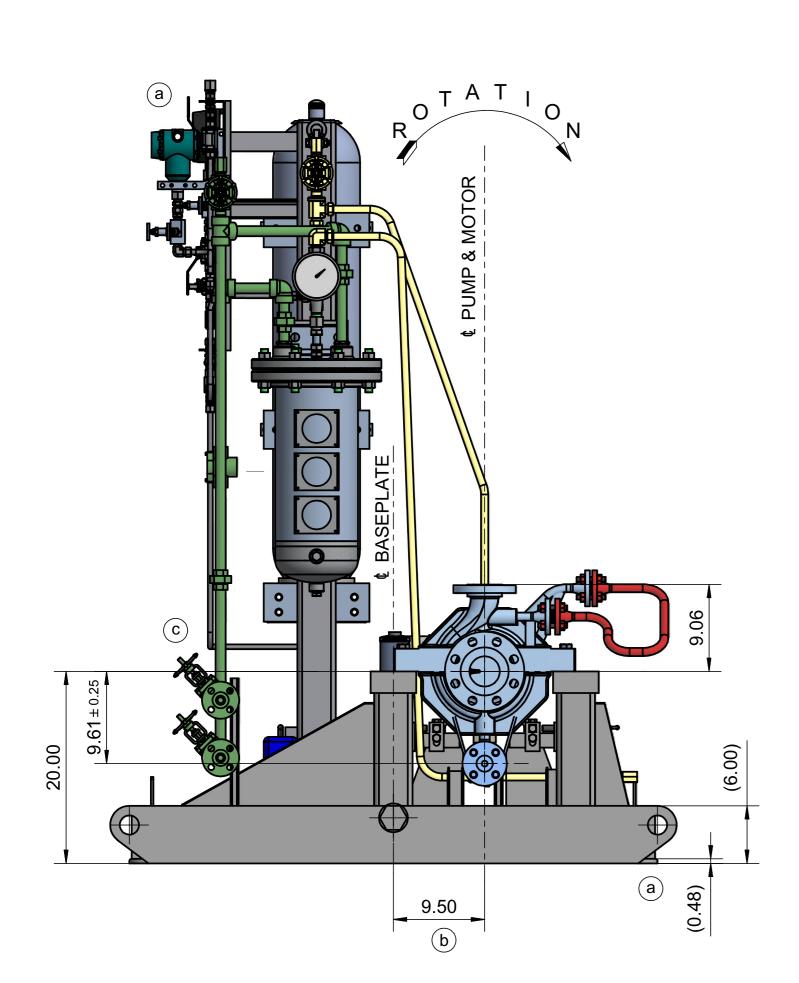
1900

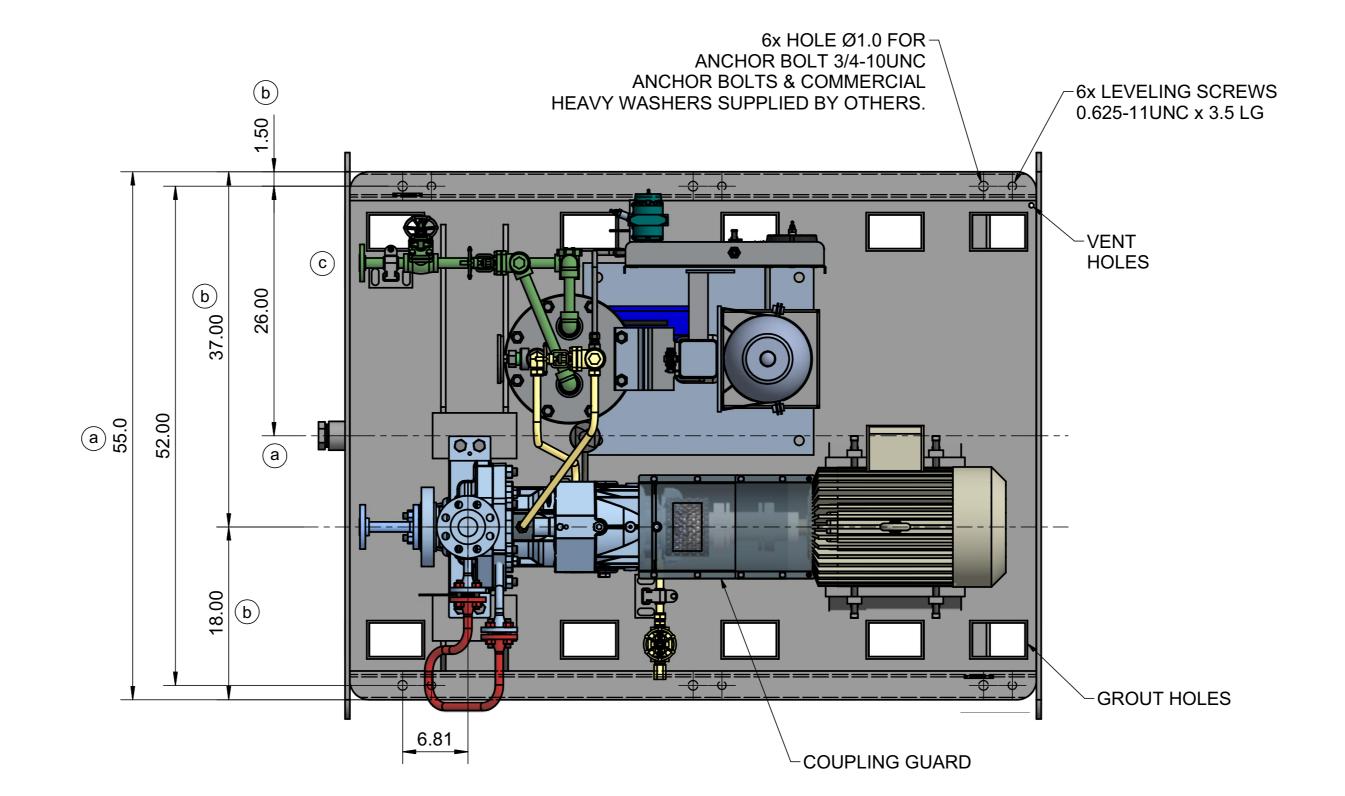
520

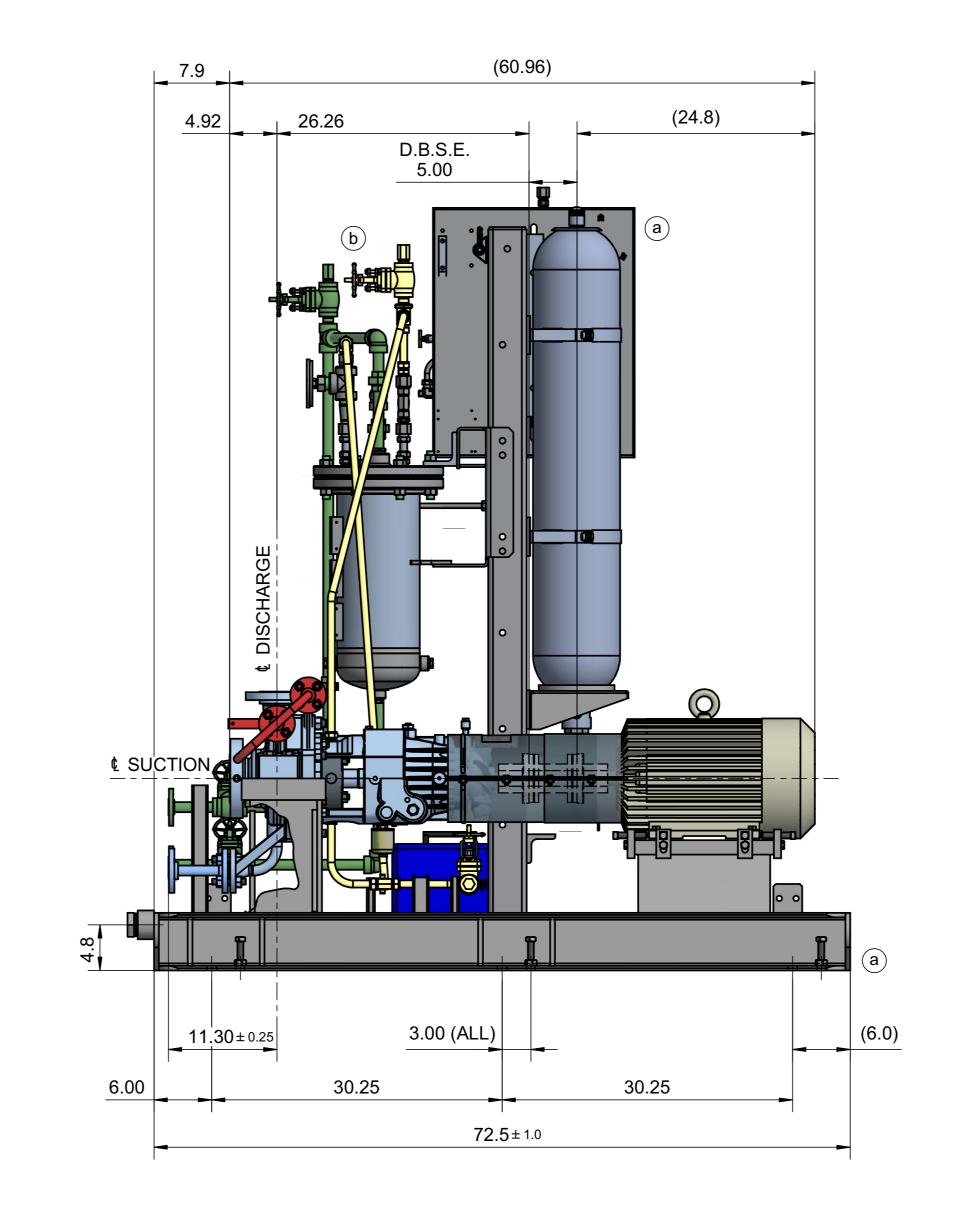
920











CONTRACT DATA PURCHASER: AIR PRODUCTS AND CHEMICALS INC.

WORLD ENERGY PARAMOUNT LLC JOB/PROJECT: WORLD ENERGY RENEWABLES PROJECT

UNIT: RJFU-B WBS: 1801

USER:

4505551384 CUST. P.O. NO.: SERVICE: STRIPPER REFLUX PUMPS

PARAMOUNT, CA INSTALLED AT: SULZER PUMPS PUMP OEM: SULZER ORDER NO.: 100456527-0010

| IDENTIFICATION NUMBERS |                   |            |  |
|------------------------|-------------------|------------|--|
| SULZER<br>SERIAL NO.   | CUSTOMER TAG NO'S |            |  |
|                        | PUMP              | DRIVER     |  |
| 649501                 | 18-P-355A         | 18-P-355AM |  |
| 649502                 | 18-P-355B         | 18-P-355BM |  |

| CERTIFIED FINAL                        | DO NOT SCALE. DIMENSIONS: INCH                  |  |
|--|---|--|
|  | UNLESS OTHERWISE SPECIFIED                      |  |
| CERTIFIED FOR NOZZLE & FOUNDATION ONLY | TOLERANCES                                      |  |
|  | .X ± .50  |  |
|  | .XX ± .12                                       |  |
| PRELIMINARY ONLY                       |   |  |
|  | AUXILIARY CUSTOMER CONNECTION DIMENSIONS ± 0.75 |  |

CHANGES ACCORDING CUSTOMER COMMENTS 08/NOV/2022 08/NOV/2022 08/NOV/2022 A. GUTIERREZ C. GONZALEZ APPROVED REV. MODIFICATION CHECKED SEP. PARTS LIST: NO FORMAT: A1 DESIGN GROUP: SULZER PUMPS THIRD ANGLE PROJECTION - SUBSTITUTE FOR: REPLACED BY: ORIGINAL SCALE: GENERAL ARRANGEMENT 20/DEC/202 2 x 3 x 7.5A-1 FOUNDATION AND NOZZLE CHECKED: 20/DEC/202 A. GUTIERREZ

100456527-0010 GENERAL ARRANGEMENT DRAWING

EN PGA1004565270010-01 2 / 3

APPROVED: 20/DEC/2021

C. GONZALEZ

© SULZER Ltd (2021)
ALL RIGHTS RESERVED. NO PART OF THIS
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

