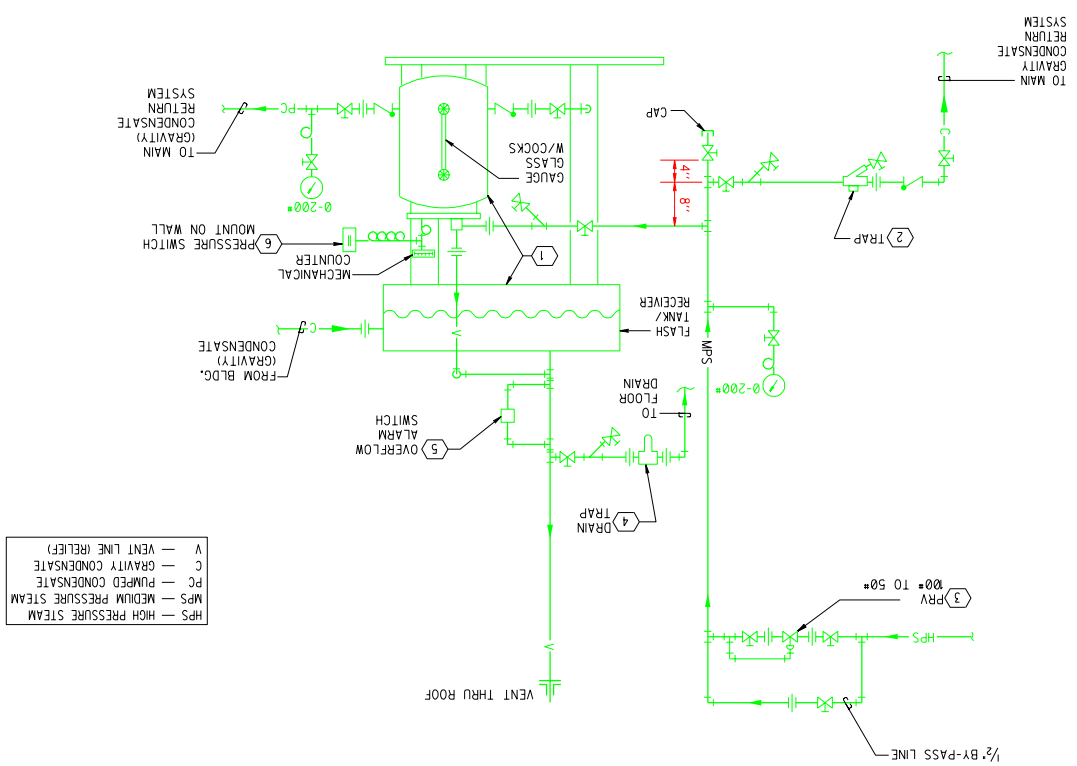


PACKAGED PRESSURE POWERED PUMP

SCALE: N.T.S.

| SYMBOL | DESCRIPTION |
|---|---|
| 1 | PRESSURED POWERED PUMP; PACKAGED SET-UP WITH ____ GALLON RECEIVER PUMP SHALL HAVE GAUGE GLASS WITH COCKS AND MECHANICAL COUNTER. ____ LBS/HR, OPERATING WITH 100 PSI INLET PRESSURE AND 40 PSI BACK PRESSURE. SPRAX SARCO TYPE PPC PACKAGED SET-UP. UNIT SIZE ____. |
| 2 | STEAM TRAP; THERMODYNAMIC WITH BULT-IN STRAINER, SPRAX-SARCO MODEL ½" TD42, 225 LBS/HR. AT 60 PSI DIFFERNTIAL PRESSURE. |
| 3 | STEAM PRESSURE REDUCING VALVE; SPENCE TYPE "E", WITH "D" PILOT. 250 PSIG (MINIMUM) ASME BODY CONSTRUCTION, FURNISH FOR DEAD END SERVICE. 100 PSI ENTERING TO 50 PSI LEAVING. ½" SIZE 590 LBS./HR. |
| 4 | DRAIN TRAP; FLOAT TYPE, LESS AIR VENT, HORIZONTAL SCREWED PIPE CONNECTIONS. BODY AND COVER SHALL BE CAST STEEL WITH STAINLESS STEEL TRIM. SPRAX SARCO MODEL FT-10. SIZE TO BE SAME AS VENT PIPE. |
| 5 | OVERFLOW ALARM SWITCH; MACNATROL MODEL B74-1820 CA. CARBON STEEL FLOAT CAGE (CONEL AND TYPE 316 S.S. TRIM) RATED AT 350° AND 930 PSI. 1 INCH NPT THREADED SERIES "C" SNAP SWITCH, SPDT, RATED AT 120 VDC, 0.40 AMPS, 450° F. MAX. LIQUID TEMPERATURE. ¾" NPT CONDUIT CONNECTION, NEMA 4 ENCLOSURE. |
| 6 | PRESSURE SWITCH; SQUARE D COMPANY, TYPE C INDUSTRIAL PRESSURE SWITCH, CLASS 9012, NEMA 1 MODEL CNG-5, INCLUDED WITH SWITCH SHALL BE A CLASS 9049 TYPE ATA STEAM CAPILLARY TUBING KIT FOR INSTALLATION BETWEEN THE PRESSURE AND PRESSURE SWITCH. SET POINT 75 PSI, DIFFERNTIAL 10PSI. |

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OLD FILE NAME: 15J 49.DGN

**MICROSTATION FILE**

FILE NAME: MP50335TD.dgn

REFERENCE FILES:

| P.O. / PROJECT NO. | REV | DATE | DESCRIPTION | DWN | CKD | APP |
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| | △ | 6-15-01 | UDS MODS | EG | FL | |
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U.S. DEPARTMENT OF ENERGY

KIRTLAND AREA OFFICE — ALBUQUERQUE, NEW MEXICO

**SANDIA NATIONAL LABORATORIES**

PACKAGED PRESSURE POWERED PUMP

| | |
|---|---|
| P.O. | |
| PROJECT NO. | |
| DRAWN BY | L.M.D. |
| CHECKED BY | R.A. |
| SNL ENGR | |
| DATE | 1/96 |
| SIZE | D+ |
| DRAWING NO | MP50335TD |
| SEQ. | |

MECHANICAL — STANDARD