

## NOTES

- 1. SOLID LINES INDICATE NATURAL GAS PIPING. DASHED LINES INDICATE ELECTRICAL WIRING.
- 2. DIAGRAM DEMONSTRATES TYPICAL SETUP FOR GAS BOOSTER FEEDING A BOILER, BURNER. ETC.
- 3. P1 INDICATES INCOMING PRESSURE GAUGE, P2 INDICATES BOOSTED PRESSURE GAUGE, P3 INDICATES REGULATED PRESSURE. FOR SYSTEM A, P2 IS A PRESSURE TRANSMITTER. FOR SYSTEM B, P2 IS A PRESSURE GAUGE.
- 4. PSL INDICATES LOW PRESSURE SHUTDOWN SWITCH.
- 5. T INDICATES THERMOCOUPLE TO SENSE GAS BOOSTER TEMPERATURE AND SHUTDOWN SYSTEM UPON HIGH TEMPERATURE CONDITION
- 6. PACKAGES A AND B INCLUDE ITEMS AS INDICATED. GAS BOOSTER AND INSTRUMENTS WIRED TO CONTROL PANEL AS INDICATED.
- 7. RUN SIGNAL FROM BOILER, BURNER ETC. ALLOWS GAS BOOSTER TO RUN ONLY WHEN BOOSTED GAS IS REQUIRED.
- 8. ISOLATION VALVES MAY BE PLUG VALVES OR BUTTERFLY VALVES DEPENDING ON INSTALLATION.
- 9. SOME SYSTEMS MAY HAVE MULTIPLE REGULATORS DOWNSTREAM OF THE GAS BOOST SYSTEM DEPENDING ON QUANTITY AND VARIOUS PRESSURE REQUIREMENTS OF EQUIPMENT BEING SUPPLIED.

TOLERANCES

OCTION BOWER & EQUIPMENT, INC.

TITLE
P&ID, Packages A and B Gas Boost Systems

DRAWN BY RMH
CHECKED BY RMH
APPROVED BY RMH
B Gas Booster Package AB P&ID.dwg

DATE 07/30/2015

SHEET 1 of 1

SCALE N/A

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