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Haskel**TEST PROCEDURE FOR****AG SERIES
GAS BOOSTERS**

100 E. Graham Place

Burbank, CA 91502 U.S.A.

MODEL NO. _____ SERIAL NO. _____

VERIFIED BY Q.C. _____

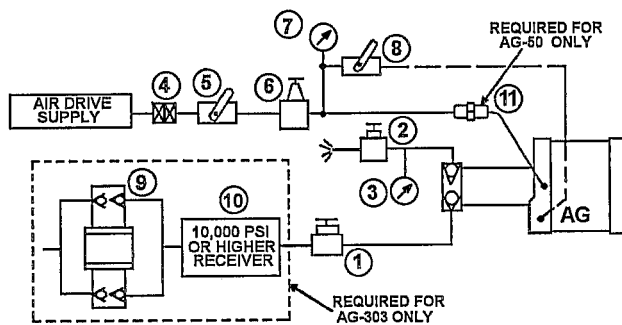
TP-AG

REV	DESCRIPTION	BY	APPD	DATE
A	Initial Production Release. ECO 7199	PS	<i>W27</i>	3/29/00

TEST SET-UP:

Prior to test, connect unit to a test system conforming to the following minimum requirements: The test fluid shall be nitrogen.

- (1) Valve, supply shut off
- (2) Valve, outlet, high press.
- (3) Gage, outlet pressure
- (4) Disconnect, air drive supply
- (5) Valve, shutoff, air drive
- (6) Regulator, air drive
- (7) Gage, air drive press.
- (8) Valve, shut off, Pilot.
- (9) Gas booster to generate 6000 psi in. (Can use AGD-62) (AG-303 only)
- (10) Receiver 10K psi or higher. (AG-303 only)
- (11) 17943 orifice (AG-50 only)

**TABLE 1**

RATIO	GAS SUPPLY PRESSURE (PSIG)	MIN GAS STALL PRESSURE (PSIG)
-1.5	100	225
-7	150	675
-15	200	1,475
-30	300	2,900
-50	800	5,000
-62	500	5,900
-75	600	7,400
-152	750	14,800
-233	1,000	22,800
-303	6,000	29,500

MINIMUM CYCLING PRESSURE:

Starting with valves (1) and (2) open and the regulator (6) set at 100 psig, slowly open valve (5) until the unit starts to cycle. Note pressure. The minimum cycling pressure shall be less than 15 psig.

STALL PRESSURE AND LEAKAGE:

With unit cycling, close valve (2) and apply a gas pressure to the inlet in accordance with Table 1. The unit shall build up pressure to at least the level specified in Table 1, and shall remain stalled without cycling for at least one minute; except for the AG-1.5 which is required to hold stall for 20 seconds minimum.

Verify no external leakage of either the pump section or air drive section.

This test verifies the integrity of the inlet check valves.

CYCLING SYSTEM:

Open valve (2) enough to allow the unit to cycle at the rate of 20 to 30 cycles per minute, and continue cycling for about 3 minutes. Verify proper operation of the cycling system.

For units with the 28881 modification, close valve (8) for one minute and verify that the unit stops cycling for that period. If the unit continues to cycle at a very slow rate, verify the integrity of the crosshole plug seal.

OUTLET CHECK:

Close valve (2) to stall unit and uncouple disconnect quickly. Verify that the outlet pressure does not decay rapidly.

PREPARATION FOR SHIPMENT:

De-pressurize unit by opening valve (2). Remove test fittings and clean threads of all residual Teflon Tape. Insert plastic shipping plugs as required, and apply nameplate, decals and stamps.

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