



# IVS BOOSTER | TEST REPORT

File No: 62.841  
Date: SEPT. 05, 2012  
Supersedes: 62.841  
Date: MAR. 22, 2010

Representative : \_\_\_\_\_ Project name: \_\_\_\_\_

Cust. P.O. : \_\_\_\_\_ API - S.O. no.: \_\_\_\_\_ SAA - S.O. no.: \_\_\_\_\_

System model no.: \_\_\_\_\_ Booster serial no.: \_\_\_\_\_ Armstrong pump model no.: \_\_\_\_\_

Control panel: \_\_\_\_\_ Panel voltage: \_\_\_\_\_ Panel serial no.: \_\_\_\_\_

Design flow: \_\_\_\_\_ GPM System pressure setpoint: \_\_\_\_\_ PSI Suction pressure (min.): \_\_\_\_\_ PSI

Pump boost: \_\_\_\_\_ PSI Tested by: \_\_\_\_\_ Date tested: \_\_\_\_\_

### HYDROSTATIC LEAK TEST

Initial hydrostatic test pressure: \_\_\_\_\_ PSI

Hydrostatic test duration: \_\_\_\_\_ MIN

Final hydrostatic test pressure: \_\_\_\_\_ PSI

**NOTE:**

- Adjacent mount expansion tank precharge PSI is 2 PSI less than system pressure setpoint.

### PUMP INFORMATION

	P-1	P-2	_____	_____	_____
<b>PUMP NO.:</b>	P-1	P-2	_____	_____	_____
<b>FRAME SIZE:</b>	_____	_____	_____	_____	_____
<b>MOTOR HP:</b>	_____	_____	_____	_____	_____
<b>MOTOR SPEED:</b>	_____	_____	_____	_____	_____
<b>FULL LOAD AMPS:</b>	_____	_____	_____	_____	_____
<b>MOTOR MANUFACTURER:</b>	_____	_____	_____	_____	_____
<b>MOTOR SERIAL NO.:</b>	_____	_____	_____	_____	_____
<b>MAX RATED FLOW AT SETPOINT (GPM):</b>	_____	_____	_____	_____	_____
<b>MAX ACTUAL FLOW AT SETPOINT (GPM):</b>	_____	_____	_____	_____	_____

### SYSTEM STAGING INFORMATION\*

**PUMP ON FLOW (GPM):** 0 \_\_\_\_\_

**PUMP OFF FLOW (GPM):** 0 \_\_\_\_\_

Max total flow with all pumps running at system pressure setpoint: \_\_\_\_\_ GPM

**NOTE:**

- \*This information is for reference only. Pump on/off sequencing is not field adjustable.

**PAGE 2 AND 3 FOR INTERNAL USE ONLY**

**IVS PANEL CONFIGURATION INFORMATION**

Program name	_____	Number of pumps	_____
Standby pump	_____	Pressure units	_____
Number of level switches (option AE low level shutdown)	_____	Discharge pressure sensor	_____
Discharge pressure range	_____	Suction pressure sensor	_____
Suction pressure range	_____	Remote pressure sensor	_____
Remote pressure range	_____	Controlling sensor	_____
System pressure setpoint	Local _____ Remote _____	Suction pressure high limit	_____
Suction pressure low limit	_____	Discharge pressure high limit	_____
Discharge pressure low limit	_____	Factory high system shutdown (max working pressure)	_____ PSI
Pump stage on speed	_____ %	Pump stage factor	_____ %
Pump stage on delay	_____ SEC	Pump stage off delay	_____ SEC
Minimum run timer	_____ MIN	Soft fill mode	_____
No flow shutdown	_____	No flow delay	_____ SEC
Pump speed minimum	_____ %	Pump speed maximum	_____ %
Pump ramp time	_____ SEC	Default speed	_____ %
Rated motor RPM	_____ RPM	Motor rated power	_____ kW
Motor rated power	_____	Gain (Kc)	_____
Reset (Ti)	_____	Derivative (Td)	_____
Lead pump switch time	_____ HOURS	End of curve head	_____ %
Pressure setback	_____ %	BAS protocol	_____
BAS node	_____	BAS baud	_____
BAS serial card commissioned	_____	BAS serial card tested	_____

**COMMENTS**

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**CHECKSHEET**

- Isolation valve operational and handles cut when necessary
- Panel clear of loose metal chips from drilling
- Picture: System nameplate
- Picture: Overview of inside panel
- Picture: Overview of inside panel door
- Picture: Panel terminal strip
- Picture: Panel nameplate sticker
- Picture: All misc. panel stickers
- Picture: Suction header assembly
- Picture: Discharge header assembly
- Picture: Overview of drive wiring
- Picture: Overview of entire system control panel side
- Picture: Overview of entire system drive side
- Test Sheet page 1 in panel
- I&O in panel
- Electrical drawing in panel
- Drive manual in panel
- Picture: Crated and labeled

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