

**Vari-Gage 3300 Set-up/Calibration Form**

**Attention Customers: Please make note of all changes you make to these settings!**

Your Vari-Gage unit has been shipped with jumper and dip switch settings according to this form. If the appropriate calibration settings were provided to EG in advance, your unit should be calibrated and ready to be installed. If this information was not provided to EG in advance, we have used our standard testing settings which may or may not be appropriate for your installation. We recommend that you verify all settings and use this form to document your final settings.

**Warning: Please do not move jumpers or re-calibrate without fully understanding the calibration settings. Please refer to the Vari-Gage Operations Guide for more information about how to calibrate your Vari-Gage 3300**

Job Name: \_\_\_\_\_ EG Job #: \_\_\_\_\_ # of pumps: \_\_\_\_\_  
 Calibration Specs provided by: \_\_\_\_\_ See note above re: factory calibration settings.  
 Date of Factory Settings: \_\_\_\_\_ Vari-Gage S/N: \_\_\_\_\_ EG Technician: \_\_\_\_\_

**Input Configuration/Jumper: (See Operations Guide Chapter 3)**

W1 -- DC current input. 4-20mA     W2 -- Pneumatic Input, 0-15 psi     W3 -- DC voltage input, 0-10 VDC

**Option Configuration/DIP Switch( SW1): (See Operations Guide Chapter 3)**

ON	OFF	Configuration
	X	Always OFF
	X	Always OFF
		OFF for duplex operation, ON for triplex operation
		High level inhibit: ON to inhibit pump operation at high level (High Level Cut-out)
		Low level inhibit: ON to inhibit pump operation at low level (Low Level Cut-out)
		Analog input response: ON for slow, OFF for fast
		ON for load share speed control, OFF for independent speed control
		ON for pump down, OFF for pump up

**Calibration Information: (See Operations Guide Chapter 6)**

Liquid level to be measured/displayed (ft of water) \_\_\_\_\_  
 Submersible pressure transducer calibrated for (ft of water) \_\_\_\_\_  
 Lead MIN Speed (Factory Setting 0%) \_\_\_\_\_    Lead MAX Speed (Factory Setting 100%) \_\_\_\_\_  
 Lag-1 MIN Speed (Factory Setting 0%) \_\_\_\_\_    Lag-1 MAX Speed (Factory Setting 100%) \_\_\_\_\_  
 Lag-2 MIN Speed (Factory Setting 0%) \_\_\_\_\_    Lag-2 MAX Speed (Factory Setting 100%) \_\_\_\_\_  
 A. O. (Analog Output) MIN (Factory Setting 0 %) \_\_\_\_\_  
 A. O. (Analog Output) MAX (Factory Setting 100%) \_\_\_\_\_

**Programming Information (Liquid Level Setpoints): (See Operations Guide Chapter 5)**

*For Pump Down applications – start setpoint MUST be above the stop setpoint.    For Pump Up applications – start setpoint MUST be below the stop setpoint.*

High Level: _____	Low Level: _____
Lead Pump Start Level: _____	Lead Pump Stop Level: _____
Lag 1 Pump Start Level: _____	Lag 1 Pump Stop Level: _____
Lag 2 Pump Start Level: _____	Lag 2 Pump Stop Level: _____
Lead pump MIN speed level: _____	Lead pump MAX speed level: _____
Lag 1 pump MIN speed level: _____	Lag 1 pump MAX speed level: _____
Lag 2 pump MIN speed level: _____	Lag 2 pump MAX speed level: _____
The following % levels will show a flashing LED:	
Lead pump MIN speed %: _____	Lead pump MAX speed %: _____
Lag 1 pump MIN speed %: _____	Lag 1 pump MAX speed %: _____
Lag 2 pump MIN speed %: _____	Lag 2 pump MAX speed %: _____

**Alternation: (See Operations Guide Chapter 5)**

ALO Automatic alternating sequence (last on, first off)  
 AFO Automatic alternating sequence (first on, first off)  
 P1 Manual alternating sequence (P1, P2, P3)  
 P2 Manual alternating sequence (P2, P3, P1)  
 P3 Manual alternating sequence (P3, P1, P2)

**Alternation Time:**

Input any number from 1 to 168 hours

**Ramp Speed: (See Operations Guide Ch. 4)**

Input any number from 1 to 20  
 (1 = approximately 20% per sec. rate of change  
 20 = approximately 1% per sec. rate of change)