

# D800/D1000 Configuration Worksheet

**1. Select Series Type:**

- D800                       D1000

**2. Select Connection Type:**

- 30LT                       45LT                       60LT                       #3/#4 Sprague                       #5 Sprague

**3. Maximum Flow Rate for Testing (Qmax):**

- 800 CFH                       1000 CFH                       1700 CFH

**4. Maximum # of prover test points: 3**

Standard D800 Test Points are 4.7%, 47%, 100%  
 Standard D1000 Test Points are 5.88%, 58.8%, 100%  
 NOTE: Consult factory for non-standard test points

**5. Differential Test Plugs:**

- Yes                       No

**6. Meter Manufacturer's Badge Nameplate Color:**

- Black                       Red

**7. Traditional Brass Badge (Top Lip of Housing):**

- Yes                       No

**8. Red Front Badge:**

- Yes                       No

If yes, please specify information required on badge: \_\_\_\_\_

**9. Customer Supplied Badges/Barcodes required?**

- Yes                       No

If yes, contact factory to discuss options.

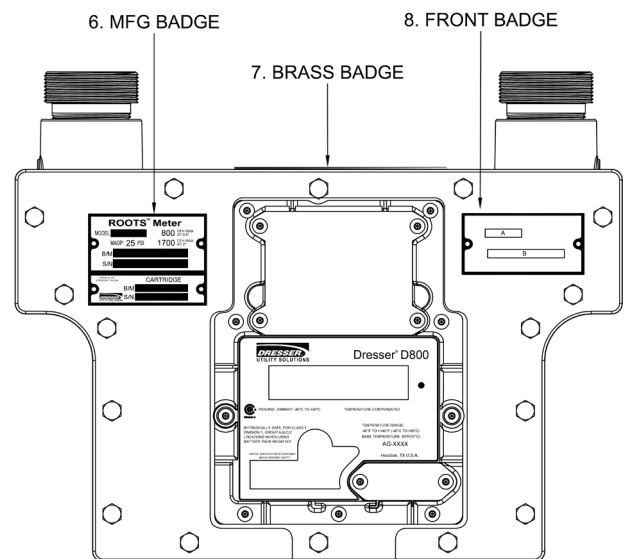
**10. Will Dresser install AMR Device?**

- Yes                       No

If yes, please indicate Model and Manufacturer: \_\_\_\_\_

**11. Select Software Configuration type:**

- Default (Temperature Compensated – please refer to next page for full default configuration settings)  
 Custom



## D800/D1000 Default Configuration

### Temperature Compensation:

Temperature Compensated	True
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### Volume Configuration:

Meter Volume Units	cf
Flow Sense*	Forward + Reverse
Compensated Multiplier (x100)	x 100 (x 1m <sup>3</sup> Metric)
Non-compensated Multiplier (x100)	x 100 (x 1m <sup>3</sup> Metric)
Compensated Number of Digits (5-8)	5
Non-compensated Number of Digits (5-8)	5
Number of Digits after dec. point	0 (Configurable for Metric only)
Pulse Output 1 Setting (Comp/Non-comp/Fault/Disabled)	Compensated
Pulse Output 1 Volume	x 10
Pulse Output 2 Setting (Comp/Non-comp/Fault/Disabled)	Non-compensated
Pulse Output 2 Volume	x 10
Pulse1/Pulse2 Pulse Width (50 ms/150 ms/250 ms)	150 ms
Pulse Output 3 Setting (Fault/Disabled)	Disabled
Fault Signal Pulse Output - AMR only (Continuous/Latched)	Continuous Pulse (every 30 seconds)

### Compensation Configuration:

Temperature Units	°F
Base Temperature	60
Temperature Mode	Live
Fixed Temperature (under fault)	60
Pressure Units (psi/kPa)	psi
Base Pressure	14.73
Atmospheric Pressure	14.73
Fixed Pressure Reference (Gauge/Absolute)	Gauge Mode
Fixed Line Pressure	0
Fixed Pressure Factor	1

### Alarm Settings

High Temperature Limit	140
Low Temperature Limit	-40
Use Fixed Temp. Under Fault Status	True
High Temperature Alarm	True
Low Temperature Alarm	True
High Flow Alarm	True
Volume Input Alarm	True
Low Battery Alarm	True – not configurable

### Leak Test Parameters:

Leak Test Time	00:01
Flow Rate/Hour	2
Maximum Leak Volume	0.03333334

\*Flow Sense Direction Options: Forward-Reverse, Reverse-Forward, Reverse, Forward, Forward+Reverse

\*\*Required for prover testing meter with IR interface.

#### Dresser Measurement

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