Configuration Worksheet

1. Select Series Type:
   - D800 Configuration Worksheet
   - D1000 Configuration Worksheet

2. Select Connection Type:
   - 30 LT
   - 45LT
   - #3/#4 Sprague
   - #5 Sprague

3. Maximum Flow Rate for Testing (Qmax):
   - 800 CFH
   - 1000 CFH
   - 1700 CFH

4. Select Test Points:
   - Number of prover test points ______________________
   - Flow rates or % of Qmax for each test point ______________________

5. Differential Test Plugs:
   - Yes
   - No

6. Meter Manufacturers Badge Color:
   - Black
   - Red

7. Traditional Brass Badge (Top Lip of Housing):
   - Yes
   - No

8. Front Badge:
   - Yes
   - No
   - If yes, then specify color: Black
   - Red
   - Information required on badge: ______________________

9. Customer Supplied Badges/Barcodes required?
   - Yes
   - No
   - If yes, you must 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

## Volume Configuration:
- **Meter Volume Units**: cf
- **Flow Sense**: Forward + Reverse
- **Compensated Multiplier (x1, x10, x100)**: x 100 (x 1 m³ Metric)
- **Non-compensated Multiplier (x1, x10, x100)**: x 100 (x 1 m³ 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.