System 1 & 2 Application Data Sheet

Table of Revisions

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<th>Date</th>
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<tr>
<td>December 21, 2010</td>
<td>00</td>
<td></td>
<td>5579</td>
<td>Initial Issue created by Tracy Parker, previously F0126.</td>
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<tr>
<td>April 24, 2018</td>
<td>01</td>
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<td>DC18-0003</td>
<td>Revised by Roslyn M. to update datasheets. Revised by Dianna Reed-Ilori to update properties and other information.</td>
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<tr>
<th>Technical Reviewer</th>
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<tr>
<td>Reviewer Name</td>
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## System 1 & 2 Application Data Sheet

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<tr>
<th>Prepared By</th>
<th>Company</th>
<th>Date</th>
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<tbody>
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<tr>
<td>Phone #</td>
<td>Email</td>
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<tr>
<td>End User</td>
<td>Final Destination</td>
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</tr>
<tr>
<td>Quantity</td>
<td>Tag Information</td>
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### Required Information:
- Dimensional drawing/sketch and P&ID

### Specifications

#### Application
- Tank Dewatering
- API / Oil Skimming
- Other (Specify): __________

#### Type of Hydrocarbon/Organic
- Specify: __________

#### Type of Water / Aqueous Phase
- Process Water
- Steam Condensate / Distilled / Rain Water
- Other (Specify): __________

#### Process Temperature
- 32°F to 300°F (0°C to 148°C)
- 32°F to 450°F (0°C to 232°C)
- Other (Specify): __________

#### Ambient Temperature
- 32°F to 122°F (0°C to 50°C)
- -4°F to 122°F (-20°C to 50°C)
- Other (Specify): __________

#### Process Connection
- Seal Housing
- Flange welded to probe shaft
- U-Cup holder
- U-Cup holder welded to flange
- U-Cup holder threaded to flange
- Compression Fitting welded to flange
- Other (Specify): __________

#### Seal Housing / Flange Material
- 316L SS
- Duplex 2205
- Super Duplex 2507
- Hastelloy (C276)
- Monel 400
- Other (Specify): __________

#### Power Supply
- 24 VDC – 4 Wire System (Not loop powered)*
- 120 VAC*
- 220 VAC*
- 24 VDC Loop Powered (2-Wire System) HART**
- Other (Specify): __________

*MC-201 with LOGIC
**2 Independent probes (customer controls LOGIC)

#### Pressure Rating
- ANSI 150#
- ANSI 300#
- ANSI 600#
- Other (Specify): __________

#### Connection Type (NPT or Flange)
- NPT
- RF (Flange)
- RTJ (Flange)
- Other (Specify): __________
Output Options

- 4-20 mA
- Relay*
- Local Indicating Lights*
- Digital Display
- Other (Specify): ______

* Option not available for 2-Wire Loop Powered/STD on MC-201

Connection Size

- 2"
- 3"
- 4"
- Other (Specify): ______

Nozzle Schedule

- Sch 40
- Sch 80
- Sch 160 or above
- Minimum inside diameter of nozzle and isolation valve 1.8"

Enclosure

Hazardous Areas
- Aluminum
- 316L SS
- Other (Specify): ______

Safe Areas
- Fiberglass
- Other (Specify): ______

- Backplate (no enclosure)

IP-66 Standard

Electrical Entries

- ¾” NPT Standard

Optional Adapters

- ¾” NPT X ½” NPT
- ¾” NPT X M20
- ¾” NPT X M25

Electrical Certifications

- CSA-US
- ATEX
- GOST
- Other (Specify): ______

Process Service

- Sour Service
- Other (Specify): ______

Probe Information

Select one of the drawings below and provide dimensions / Hand Sketch.

Application Description: Circle the type of tank application and fill in appropriate data, if available. If different than below, hand draw the tank on the back of the application data sheet. Please include the diameter of the water draw off line and maximum and minimum interface levels.

D _________ E _________ G _________ H _________ L _________ W _________

L1 _________ L2 _________ N _________ V _________

Number of sumps per tank ______

REQUIRED: P&ID and Installation drawing for ALL formal quotes