DTSX Application Questionnaire

Date: _____

Company Name: _____ **Company Location:** _____

Customer Contact: _____

Customer Phone #: _____ **Customer Email:** _____

Please provide as much detail about the application as possible. Include any available drawings (hand sketches are acceptable if no drawings are available).

Necessary questions to ask when gathering information for a DTSX solution:

- **Sensing Temperature Range:**
- **Number of Sensing Cables:**
- **Area Classification(s) Required:**
- **Temperature Resolution required:**
- **Location of actual DTSX (indoor/outdoor):**
- **Visualization Requirements:**
- **Data Acquisition Requirements:**
- **Length of Sensing Cable:**

  Single or Double Ended:
- **Sampling rate – Expected rate in which the measurement is needed (sec., min., hrs.):**
- **I/O Requirements:**
- **Power Requirements (AC or DC voltage):**
- **Control System Communication Requirements:**
- **Temperature Differential Between the Process and what is Considered an Event?**
- **Ambient Conditions:**

  Minimum:

  Maximum:

■ **Process Conditions:**

Please provide as much detail as possible to the process this system is trying to measure and install into.

Installation Questions:

■ **Installation Type:**

- ☐ Direct Bury
- ☐ Cable Tray
- ☐ Submersible
- ☐ Direct to Equipment
- ☐ Conduit

■ **Distance between DTSX System and Sensing Cable:**

■ **Do you require remote junction boxes?**

■ **What area approval is required for remote junction boxes?**

■ **What type of protection is required for the Sensing Cable?**

- ☐ Rodent Protection
- ☐ Fire/Flame
- ☐ Low Temperature
- ☐ High Temperature

■ **Who is installing the cable?**

- ☐ Customer
- ☐ Yokogawa
- ☐ Contractor

Drawings:

Who Completed This Form? _____