

THERMOWELL WAKE FREQUENCY CALCULATION DATA SHEET

☐ In Accordance With ASME PTC 19.3

☐ *In Accordance With ASME PTC 19.3 TW2010

Item Number: _____ SAP(Sales Order) No.: _____

Reference Tag or Drawing Number(s): _____

SECTION I – THERMOWELL DESCRIPTION Supply Complete Model

Code: _____ and Continue to Section II.

If the Complete Model Code is **NOT** available then the following thermowell specifications are required for each line item to provide a calculation: Type of Thermowell: _____ THREADED _____ FLANGED Style of Thermowell: _____ STRAIGHT _____ TAPERED _____ REDUCED

Minor O.D (inches): _____ I.D. _____ U Length: _____

Major O.D. (inches): _____ I.D. _____ U Length: _____ Process Connection:

_____ Material Grade: _____

Print Attached: _____ YES _____ NO

SECTION II – REQUIRED OPERATING CONDITIONS INFORMATION The following Calculations are available only if the operating pressure, temperature, and velocity are provided. Operating Conditions are to be provided by the Purchaser for each service condition of the above described thermowell.

NOTE: Items 1, 2, and 3 are required for calculations. (If calculation fails, supplier to suggest Maximum Insertion “U” Length to pass calculation.)

1. Maximum Operating Pressure: _____

2. Maximum Operating Temperature: _____ (Specify Fahrenheit or Centigrade)

3. Operating Velocity: _____

a. Max. Operating Flow – lbs/hr or GPM _____ (NOT SCFH or SCFM)

b. Line I.D. _____

4. *Operating Viscosity: _____

5. *Fluid Name: _____

6. *Density at Operating Pressure and Temperature: _____

Notes;

*Indicates additional information required for ASME PTC 19.3 TW2010
For steam applications; Viscosity and Density not required.