

# Analysis Application Data Sheet

## Reason for Measurement

pH  ORP  Conductivity  Dissolved Oxygen  Turbidity  Suspended Solids  
 Monitor  Control  Chlorine  Chlorine Dioxide

Purpose \_\_\_\_\_

Desired Accuracy \_\_\_\_\_ Desired Output:  4 to 20mA  HART® Other \_\_\_\_\_  
 PROFIBUS DP  PROFIBUS PA

What would happen if conditions went outside limits? \_\_\_\_\_

Measuring Range \_\_\_\_\_

## Process Conditions

Description of Process \_\_\_\_\_

Are Solids Present?  No  Yes If yes, describe \_\_\_\_\_

Could process material abrade electrode?  No  Yes

What coating build up is on the electrode?  None  Soft  Hard

Stream Component	Normal	High	Low
_____	_____ %	_____ %	_____ %
_____	_____ %	_____ %	_____ %
_____	_____ %	_____ %	_____ %

Measurement Range \_\_\_\_\_

Temperature Range \_\_\_\_\_ °F \_\_\_\_\_ °F \_\_\_\_\_ °F

Pressure \_\_\_\_\_ psi \_\_\_\_\_ psi \_\_\_\_\_ psi

Is pressure relief before the measuring point (Turbidity only)?  No  Yes

What interval between probe cleaning do you expect? \_\_\_\_\_

## Chemical Compatability

Which of the following will withstand chemical attack by the process stream:

Body Material  
 PVC  PTFE  PFA  Ryton  PEEK  PPS  PBT  
 316 SS  Titanium  Hastelloy Other \_\_\_\_\_

O-Ring Material  
 EPDM  Fluoraz  Viton  Chemraz Other \_\_\_\_\_

## Installation Information (please provide installation drawing on back of this data sheet)

Area Classification Class \_\_\_\_\_ Division \_\_\_\_\_ Group \_\_\_\_\_  Probe  Transmitter

Probe Mounting  In-line  By-pass  Open vessel  Indoor  Outdoor

Transmitter  Indoor  Outdoor Ambient Temperature Range \_\_\_\_\_ Power Available \_\_\_\_\_  
 2-wire  4-wire

Process Connections: \_\_\_\_\_ (i.e. 3/4" NPT, 2" Tri-clamp, etc.)

Sensor Cable Length: \_\_\_\_\_ feet

## Signed and Submitted by

Customer: \_\_\_\_\_ Date: \_\_\_\_\_

Representative: \_\_\_\_\_ Date: \_\_\_\_\_

Endress+Hauser: \_\_\_\_\_ Date: \_\_\_\_\_

Authorized Equipment: \_\_\_\_\_

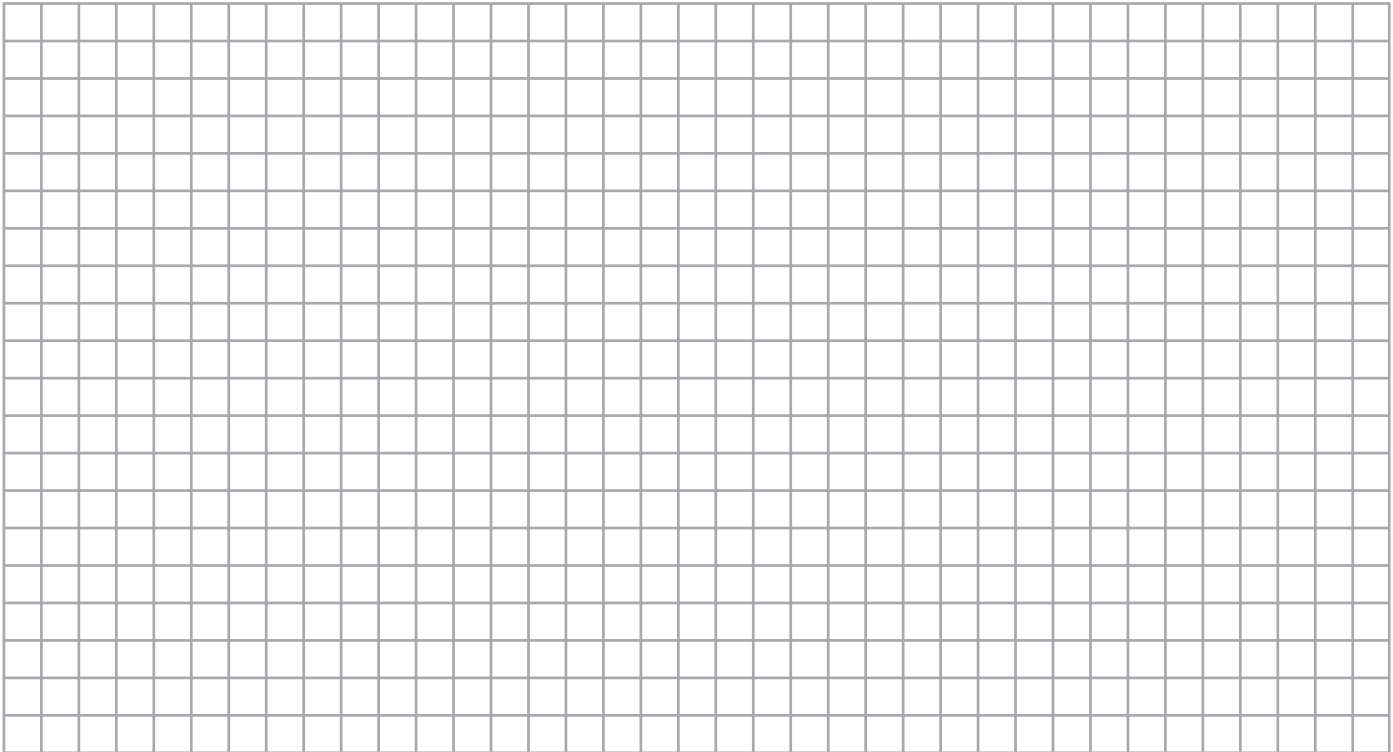
**Customer Name:** \_\_\_\_\_

Sketch Your Process (include nozzle dimensions, schedule and location if applicable)

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TOP VIEW



SIDE VIEW

