



# Application Questionnaire

## General Moisture and Water Dew Point

### CUSTOMER

Customer:			
Location:			
Contact name:		Customer reference:	
Contact phone:		Email:	

### APPLICATION

Description of application and reason for the measurement:

### FLUID COMPOSITION:

Component:	Conc.	Unit:	Component:	Conc.	Unit:

Conc. = Concentration

### CAUTIONS:

**In pure fluids, please include any trace impurities.  
If any compounds of high dielectric constant, such as methanol, ethanol, ammonia, etc, these must be stated.**

### FLUID CONDITIONS AT SAMPLE SOURCE:

Temperature:	Max:		Normal:		Min:		Unit:		
Pressure:	Max:		Normal:		Min:		Unit:		
Phase:	Select	If Gas, does the gas contain any entrained liquids?:					Select		
If yes give details including composition of the liquid and concentration within the fluid:									
If Liquid, does the liquid contain any proportion of gas/vapor?:							Select		
If yes give detail:									
<b>Potential contaminants:</b>									
Does the fluid contain particles?:							Select		
If yes please give details including composition of the solids, particle size and concentration within the fluid:									
<b>Corrosion:</b>									
Is the fluid considered to be corrosive or contains corrosive components?:							Select		
If yes give details (including concentrations):									

### MOISTURE / DEW POINT MEASUREMENT

Measurement unit:		Measurement range:	
If water dew point, state if at : Select	If another pressure; state pressure:		Unit:
Expected measurements:	Min:	Normal:	Max:
Required Accuracy:		Alarm levels:	

### INSTALLATION

Location:	Select	Location description:	
Is the air laden with dust, sand or salt:	Select		
If yes give details:			
<b>Location environment or climate and instrument type</b>			Humidity: %rh
Temperature Indoors	Min:	Normal:	Max:
Temperature Outdoors	Min:	Normal:	Max:
Instrument type:	Select	For on-line is display required?	Select
Is the installation location in an Ex classified hazardous area?		Select	If yes, please complete:
Ex classification for field location:	Select	If other, please specify:	
NEC Class Division Group:	Class:	Div:	Grp:
Or IEC Zone Group Temperature Class:	Zone:	Grp:	TClass:
If on-line Ex analyser, location of control electronics:	Select	If Ex rated analyser house, please give details:	
NEC Class Division Group:	Class:	Div:	Grp:
Or IEC Zone Group Temperature Class:	Zone:	Grp:	TClass:

### POWER SUPPLY

Voltage:	Select	If other, please specify:	
----------	--------	---------------------------	--

### OUTPUTS, ALARMS AND COMMUNICATIONS

Analog output:	4-20mA	State output parameters:	
Alarms, Volt free contacts:	Instrument status alarm:	Select	Measurement alarm: Select
If yes, give number of alarms required with set points and if high or low activated:			
Digital communications:	Select	Datalogging:	Select

Further information or sketches that help to define the application: