



## LIQUIDEW EExd and I.S. APPLICATION QUESTIONNAIRE for moisture measurement in liquid

<b>Your Company:</b>		<b>Email:</b>	
<b>Contact:</b>		<b>Phone:</b>	
<b>Your Ref:</b>		<b>Fax:</b>	

### Sensor and Sampling System:

Description of installation, e.g. "Field", "Pilot Plant", "Refinery":			
Hazardous area classification:			
Distance from sample point:	feet/yards/metres*		
Environmental conditions at Sample point:	Winter: Temperature:- Min:    Max:    Nominal    °F/°C* Humidity:-    Min:    Max:    Nominal    %RH Summer: Temperature:- Min:    Max:    Nominal    °F/°C* Humidity:-    Min:    Max:    Nominal    %RH		
Is the proposed installation position inside or outside?	Inside/outside*		
Comments:			
What power supply available?	110/220V*	50/60Hz*	Other:

### Fluid



Components	%	Other information	
1.			
2.			
3.			
4.			
5.			
6.			
What processing has taken place?			
Are there any particulate contaminants present?	Yes/No*	If Yes give details:	
Are there any corrosive or aggressive substances present? (e.g. Chlorine)	Yes/No*	If Yes give details:	

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**Process Fluid Conditions at sample point:**

	Minimum	Maximum	Nominal	Unit
Fluid pressure:				KPa/bar/psi* Gauge/abs.*
Fluid temperature:				°C/°F*
Expected moisture content				ppm(w)/other*
Sample return pressure:				KPa/bar/psi* Gauge/abs.*

**Monitoring System – Relevant for Liquidew I.S. Control Unit only, not Liquidew EExd:**

Description of installation position e.g. 'instrument room':	
Hazardous area classification: Note: A safe area is required for the Control Unit.	
Distance from sample system:	metres/yards*



Environmental conditions at analyzer location:  Note: An indoors location suitable for electronic measurement instrumentation is required.  Comments:	Winter: Temperature: - Min:      Max:      Nominal      °C/°F*			
	Summer: Temperature: - Min:      Max:      Nominal      °C/°F*			
What power supply available?	110/220V*	50/60Hz*	Other:	

**Measurement Range (standard options):**

Parts per million(W)		Range	
Other (please specify):			

**Output Signals**

Analog 4-20mA:	Isolated	Yes/No*	Alarms	Yes/No*
Analog 0-1V:	Isolated	Yes/No*	Digital	Yes/No*
Other (please specify):				

\* Delete as appropriate

Please complete as much information as is known and return to Michell Instruments for our recommendations.