



Technology for Precision Measurements
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PHASE DYNAMICS, INC. APPLICATION DATA SHEET PPM WATER IN LIQUIDS



Date Requested:	_____	Date Required:	_____
Contact Name:	_____	Phone:	_____
Company:	_____	Fax:	_____
Address:	_____	E-Mail:	_____
	_____	Project:	_____

FIELD CONDITIONS & CONNECTIONS:

Critical Process Information	Unit of Measure	Min	Normal	Max	Expected Accuracy
Fluid Temperature					
Pressure					
Flow Rate					
Oil Density					
Water PPM by Weight					

Equipment Description & Comments

Existing Metering Run?		
Existing Sample Ports?		
PLC or Flow Computer?		
Existing Flow Meter?		
Existing Static Mixer?		
Existing Densitometer?		
Type of Densitometer?		
Type of Density Signal?		

ELECTRONIC AREA & POWER REQUIREMENTS

Electronics Housing	Explosion Proof				
Power Requirements	24 VDC	120/230 VAC 50/60 Hz		Enclosure Heater	
Certification	None	FM	CSA	ATEX	PED
Protocol	Analog 4-20 mA & RS-485 Modbus		HART 4-20 mA	Other	

Describe Product Type (i.e. NGL, Condensate, Kerosene): _____

Brief Application Description (i.e. Pipeline, Offshore, Refinery): _____

Describe Laboratory Method Used for Water Determination: _____

Attach Drawing of Potential Installation and give any details potentially applicable to the requirements.

ATTACH ADDITIONAL SHEETS WHEN NECESSARY