



KAM Controls
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CSS Application Data sheet

Customer Information

Date: _____
 Name: _____ Company: _____
 Street address: _____
 City: _____ State: _____ Postal code: _____
 Country: _____ Telephone: _____
 Email: _____
 End user name and location: _____
 Project name: _____

Pipeline and installation type (please specify units)

Main pipeline size: _____ Pipeline schedule: _____ ANSI Rating: _____
 Application (e.g. allocation, custody transfer, process measurement, etc.): _____

Flow Conditions

Please note: proper mixing in accordance with API MPMS Chapter 8.2 is required for accurate results. In order for KAM to properly quote a CSS, please fill out all flow conditions fields to the best of your ability. Should pipeline mixing be required, the quote will include an appropriate solution to fulfill this requirement (SMP Static Mixing Plate, SMS Static Mixing Spool or ML Measurement Loop).

	Minimum	Normal/ Operational	Maximum	Units
Water cut range				% Water
Flow rate				
Density or gravity range				
Viscosity	@		@	
Gas %				%
Operating pressure				
Design pressure	_____		_____	
Line temperature				
Design temperature				
Vapor temperature	_____		_____	
Salinity				
Wax	_____		_____	%
Wax appearance temp.	_____		_____	

Max. pressure drop allowed (If applicable): _____
 Pipe flow: _____
 NACE: _____
 Corrosive properties: _____

Ambient Temperature: Min. _____ Max. _____
 Ambient Humidity: Min. _____% Max. _____%

Please mark all integrated devices in sample loop:

Densitometer: Amount required: _____
 Water cut meter: Amount required: _____
 Pressure transmitter: Amount required: _____
 Temperature transmitter: Amount required: _____
 Other: _____ Amount required: _____

Sampling requirements (specify units):

Annual volume sampled: _____
Average batch size: _____
Required min. collected samples per batch: _____

Preferred Process Connection:

Best for LACT units 3" and above	Best for large diameter pipelines		Best for 2" LACTs
Fixed Insertion	Flanged Insertable	2" MNPT Insertable	Flow Through
Flange size:	Flange size:	Shaft Length:	Flange size:
Flange type:	Flange type:		Flange type:
Shaft Length:	Shaft Length:		
1.25" NPT (E-IAS Models only)			

Site Utilities:

A.C Volts _____ Phase _____ Hz _____
A.C Volts _____ Phase _____ Hz _____
D.C Volts _____
Instrument Air (Specify unit): _____

System Configuration Data

Sampler actuation:
Preferred configuration: Main Line S
Controller: Safe Area Hazardous Area Other: _____
Sample Receiver: 3
Flow Meter: Specify type: _____

Options: KAM Meterizer KAM Weight Scale
Auto change over between receivers

Complying Standards / Specifications

Piping Standards: _____
Structural standards _____
Welding Standard _____
Valve specification _____
Electrical installation specification _____
Material Specifications:
Piping: _____
Structural Steel: _____
Fasteners: _____
Gaskets: _____
Coating/Paint Specification: _____
Other Specifications / Standards: _____

Hazardous Area Configuration

Zone: _____ Group: _____ Temperature Code: _____

Comments / Additional Details: