

Application Data Sheet | Date: __

Radiometric Interface Profile - Multi-Point Density Array

Company Name:	Customer Contact Name:
Customer Address:	Phone and Fax:
City, State, Zip:	Cell:
Sales Person/Rep.:	Email:
Representative Firm:	Tag Number:

Process Material

1.	Description/Name:						
2.	Density ranges: SG Phase 1: Low: Phase 2: Low: Example: Oil @ 700 kg/m³ Water @ 990 kg/m	kg/m ³	lb/ft³ High: High:				
3.	Process temp.: Max: _ °F	°C	Operating:				
4.	Process pressure: Max: _ psig	bar	Operating:				
5.	Do any of the above param Yes* No	eters chang	e during operation?				
	*If yes, which parameter(s) and wh	at are their rang	es?				
6.	Process buildup on vessel "If yes, how much:	Yes* No in mm					
Dr	ywell						
7.	Drywell: Customer sup Pipe size	oplied	VEGA supplied				
	a. Drywell Material Requi Stainless Ste	rements: el Other _					
	b. Piping standard:						
	c. Includes: Radiogra Liquid pe	Hydrostatic test ds Other					
	d. Vessel design pressure	ə:	psi bar				
	e. Vessel design tempera	iture:	°F °C				
6.	Vessel nozzle for mounting (Provide vessel drawing) Nozzle(s) available Identify available nozzle(s)						

New nozzle added if required:

Yes

No

Cel	II:							
Email:								
Тас	g Nun	nber:						
Ve	sse	I (Please provide ves	sel drav	ving)				
9.	Nev	v or existing vessel?	New		Existing			
	Sha	pe of vessel:	Other: Pl	ease s	sketch			
	Ves	sel liner material:						
	Exan	nple: Gunnite						
	a.	Vessel ID:	in		mm			
	b.	Vessel Material: Wall thickness in measuren	nent area: _					
	C.	Vessel insulation: Material thickness: Material and density:	Ye	es	No			

	d.	Vessel jacket:	Yes*	No	
		*If yes, describe:			
	e.	Vessel internal obstructions: <i>'If yes, describe:</i>	Yes*	No	
10.	Hei HIL	ght of process levels (from vessel b	ottom):	in	mm
	NIL				

11.	Measurement span from lowest measurement point to highes						
	measurement poin	it:					
	See diagram point "A" _		in	mm			

LIL: _____

12.	Lowest measurem	nent point	elevation	(from	vessel	bottom):
	See diagram point "B"			in		mm

13. Number of desired density measurements within span: See diagram point "C" _____

14.	Vessel height clearance restriction:	Yes*	No	
	See diagram point "D"			
	*If yes, height:	in	mm	



Electronics

C. Number of sensors

D. Vessel height clearance restriction

15.	Area classification	:			(Class/Zon	e/Division)	Gene	eral Purpo	se		
16.	Ambient temperat	ure range:	Min:		Max:		°F	°C	Indoors	Outd	oors
17.	Input power:	110 V AC	220 V AC	24V DC							
18.	Display:	Remote Us	er Interface Displa	У	Integral	None					
Ra	diation Specif	ication									
19.	Will the detector b	e exposed to	external X-ray rad	iation during	operation?	Yes	No				
20.	Does the custome	r have a licer	se to possess/use	radioactive	material?	Yes	No				
21.	Does the custome *If yes:	r facility have	a plant standard r	adiation spe	cification (5mr@	12 in Stand	dard)? mR	Yes µSV	No @	in	mm
22.	Are there potential *If yes, describe:	external obs	tructions in the det	tector moun	ting area?	Yes*	No				
23.	Rank the following Best Density Resc	by importan	Ce (1-4 Highest to Lowe Fast Respo	_{est)} : nse Time	Low	Radiation		Lo	w Price		
	Dry Highest measurem	- Offset - ywell pipe - nent point		A N B N	lozzle flange size	e: m: Yes* *If yes, on n center lin	Drywel Drywel Vessel Vessel Nozzle No depth: _ e:	I flange to I flange to nozzle fla protrusio Flang Nozz	o source hold o vessel noz: nge n ge rating: le ID:	der flange	e e mm
Plea 11-	ase use this diagrar 14 on page 1.	m to answer o	questions	ļ	dditional In	formatio	on				
A. B	Measurement span Elevation from bottom o	of vessel									

Please provide a current copy of your current radioactive materials license, if available.

FOR INFORMATION ONLY

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PLEASE FILL IN VALUES FOR ITEMS (a), (b), (c), (d) AND RETURN TO SALES REPRESENTATIVE

