

Application Data Sheet

Date:

Coke Drum

Company Name:	Customer Contact Name:
Customer Address:	Phone and Fax:
City, State, Zip:	Cell:
Sales Person/Rep.:	Email:
Project number:	TAG number:

Coke Drum Description

1.	Number of Drums:			
2.	Inner Diameter of Drum (List All):	S	in	mm
3.	Vessel Tangent to Tangent Dimension (A):		in	mm
4.	Top Tangent to Top Flange Dimension (B):	in	mm	
5.	Wall Thickness: Does wall thickness vary along mea * If yes, please indicate on sketch (r	asurement range? reverse side).	in Yes*	mm No
6.	Wall Cladding/Other:			
7.	Insulation: Density: Thicknes	s:	in in	mm mm
8.	Max Temp. at Insulation Surface:		°F	°C
9.	Temperature at Electronics (122°F Max):		°F	°C
10.	Process Limitation:	Coker Limited	Heater Limited	
11.	Coke Type:	Sponge Coke Shot Coke	Needle Coke Other	

12. Current Measurement Technology:

Measurement Description

- 13. Current Cycle Time:
- 14. Typical Process Pressure: _____ psig bar
- 15. Average filling level of coke: _____

16. Target of the coke filling level:

 18. Top of Measurement Range (Recommended Top Drum Tangent)

 From Top Tangent (C): _____ mm in m ft



System Enhancements



Information on the control area 20. Control area for source holders: μSv mR at ___ mm inch Yes 21. Is the sensor exposed to external gamma radiation during operation? No 22. Does the end customer already have a permit for handling gamma radiation? Yes No 23. Rate the following points according to their importance 1-4 (1 = important; 4 = unimportant): Best measurement resolution Fast response time Smallest source Lowest price **Typical System Components**

- 1. Quantity of source holders dependent upon range desired and vessel characteristics
- 2. Continuous level devices
- 3. Two density gauges for auto zero at 0% and vapor density compensation at 100% of span

Sketch/Drawing

Please provide existing platform information as needed; see additional instructions below.



For retrofit applications, detector hardware may be matched to existing platform elevations to minimize installed cost. Please provide details on existing platforms, including structural steel elevations and stairways.