Application Data Sheet

Date: _____

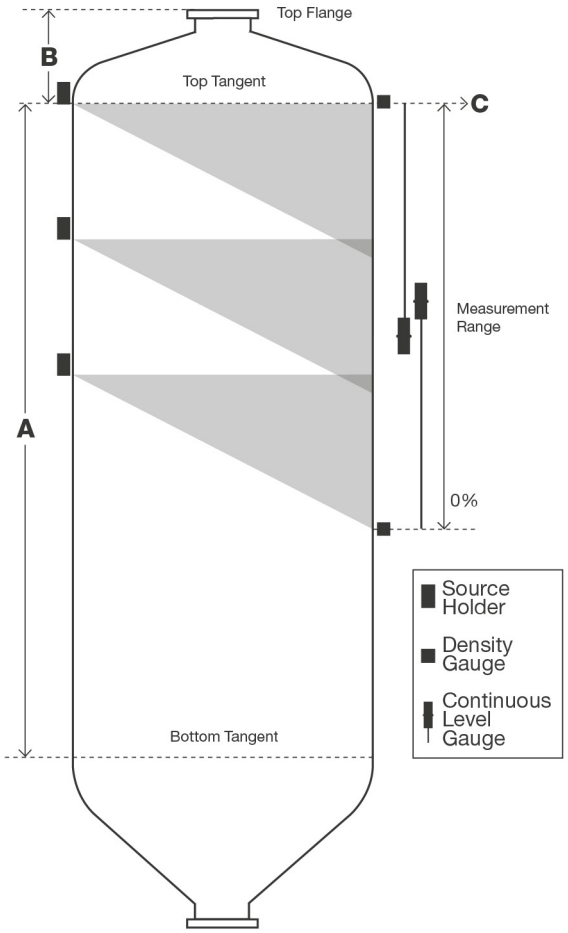
Coke Drum

Company Name:	Customer Contact Name:
Customer Address:	Phone and Fax:
City, State, Zip:	Cell Phone:
Sales Person/Rep:	Email:
Representative Firm:	RFQ (Request for Quotation) #:

Coke Drum Description

1. Number of Drums: _____
2. Inner Diameter of Drums (List All): _____ ◯ in ◯ mm
3. Vessel Tangent to Tangent Dimension (A): _____ ◯ in ◯ mm
4. Top Tangent to Top Flange Dimension (B): _____ ◯ in ◯ mm
5. Wall Thickness: _____ ◯ in ◯ mm

   Does wall thickness vary along measurement range?
   * If yes, please indicate on sketch (reverse side). ☐ Yes* ☐ No
6. Wall Cladding/Other: _____
7. Insulation: Density: _____ ◯ in ◯ mm
   Thickness: _____ ◯ in ◯ 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 ☐ Needle Coke ☐ Shot Coke ☐ Other
12. Current Measurement Technology: _____



Measurement Description

13. Current Cycle Time: _____
14. Typical Process Pressure: _____ ◯ psig ◯ bar
15. Typical Outage: _____
16. Target Outage: _____
17. Desired Measurement Range: ☐ 2 Drum Diameters (recommended)
    ☐ Other: _____
18. Top of Measurement Range (Recommended Top Drum Tangent)
    From Top Tangent (C): _____ ◯ mm ◯ in ◯ m ◯ ft
19. Max Radiation Specification: ☐ 5 mR/Hr @12 in (standard) ☐ Other: _____

System Enhancements

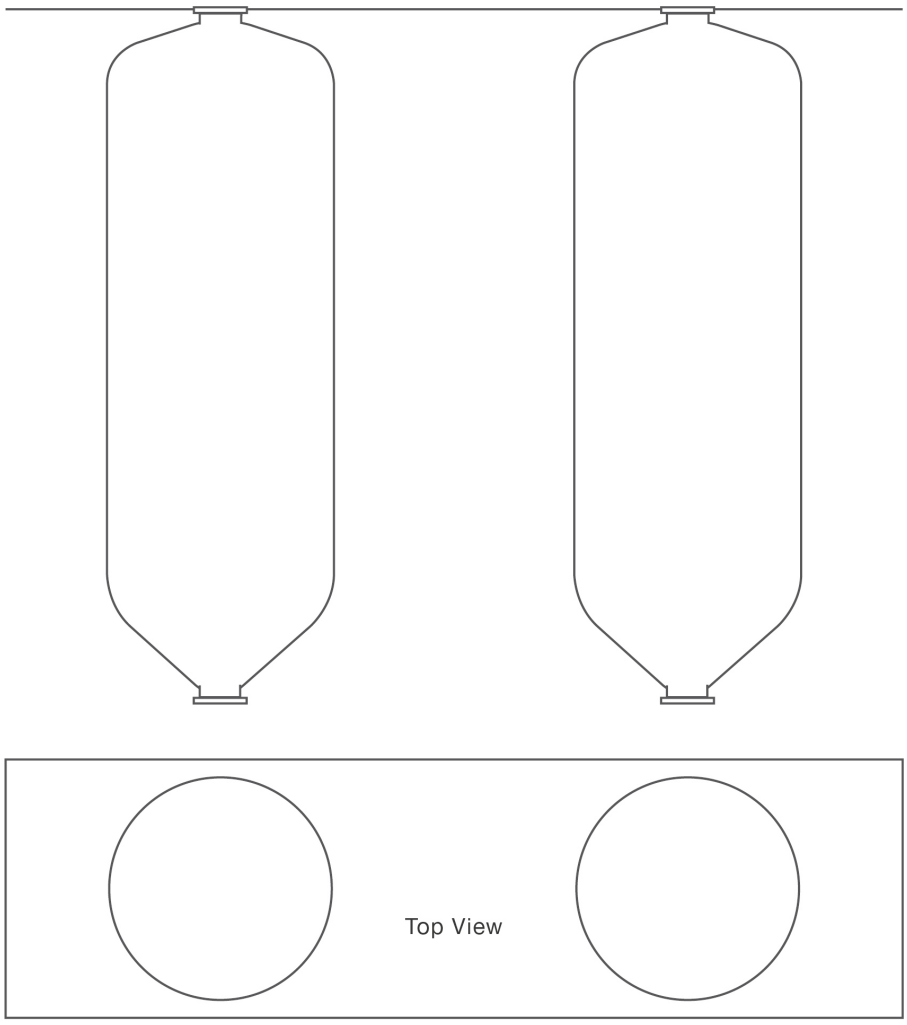
20. Is an automatic outage measurement desired? ☐ Yes ☐ No
21. Is X-ray interference alarming desired? ☐ Yes ☐ No

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.

31403-US-110114