Application Data Sheet | Date: _____

Radiometric Weight

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. What is the bulk density of the process material? _____ ○ kg/m³ ○ lb/ft³
3. Process Temperature: Max: _____ Operating: _____ ○ °F ○ °C
4. Particle Size: Min: _____ Max: _____ ○ in dia ○ mm dia ○ mesh size
5. Is more than one product conveyed? ○ Yes* ○ No
   **If yes, answer questions 1-4 on reverse side.*
6. Does process material moisture content change? ○ Yes* ○ No
   **If yes, what range?* _____ *to* _____ %
7. Does process material build up on conveyor? ○ Yes* ○ No
   **If yes, how much?* _____ ○ *in* ○ *mm*

Measurement Description

☐ Belt Conveyor

8. Belt Type: ○ ○ ○ ○ ○ *Other: Please Sketch*
9. Belt Material: _____
10. Belt Width: _____ ○ in ○ mm
11. Max. Width of Process Material on Belt: _____ ○ in ○ mm

☐ Screw Conveyor

12. Screw Type: ○ Auger ○ Ribbon ○ *Other: Please Sketch on Reverse*
13. Screw Diameter: _____ ○ in ○ mm
14. Screw Pitch: _____ ○ in ○ mm
15. Screw Shaft Diameter: (Auger only) _____ ○ in ○ mm
16. Trough Material: _____
17. Trough I.D.: _____ ○ in ○ mm
18. Trough Wall Thickness: _____ ○ in ○ mm

Loading Conditions

19. Loading: Max: _____ Normal: _____ ○ tons/hour ○ metric tons/hour
20. Max Belt/Screw Speed: _____ ○ fpm ○ rpm ○ mpm
21. Is the belt/screw speed constant? ○ Yes ○ No
22. Is the loading constant/uniform? ○ Yes ○ No*
    **If no, how much variation?* _____
23. Measurement Units (4 … 20 mA): ○ Weight ○ Rate ○ Both
24. How is belt/screw fed? _____

Electronics

25. Area Classification: _____ (Class/Zone/Division) or ■ General Purpose
26. Ambient Temperature Range: Min: _____ Max: _____ ○ ºF ○ ºC
27. Input Power: ○ 24V DC ○ 110V AC ○ 220V AC
28. Output: ○ 4 … 20 mA/HART ○ Relay

Radiation Information

29. Maximum Field Near Source Holder (5 mR @ 12 in Standard): _____ ○ mR ○ uSv @ _____ ○ in ○ mm
30. Will the detector be exposed to external X-ray radiation during operation? ○ Yes ○ No
31. Does the customer have a license to possess/use radioactive material? ○ Yes ○ No

Special Applications

32. If belt/screw speed is not constant, do you want VEGA to supply a tachometer? ○ Yes ○ No*
    **If no, what is your tachometer output?* ○ *Frequency* ○ *Voltage* ○ *Current*
33. Do you want totalization? ○ Yes* ○ No
    **If yes:* ○ *Local* ○ *Remote*

If answer to #5 on front is yes, please answer questions 1-4 below for the additional product

1. Description/Name: _____
2. What is the bulk density of the process material? _____ ○ kg/m^3 ○ lb/ft^3
3. Process Temperature: Max: _____ Operating: _____ ○ °F ○ °C
4. Particle Size: Min: _____ Max: _____ ○ in dia ○ mm dia ○ mesh size

Additional Information

Sketch Vessel or Application Here

If vessel drawings are available, please provide.

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