

Belt Scale Application



Company _____ Prepared By _____ Date _____

Address _____

City _____ State/Zip/Country _____

Phone _____ Fax _____ Email _____

Application Notes:

MATERIAL

Material being measured _____ Bulk Density (kg/l) (lb/cu. ft)

Corrosive state of material (choose one) High Moderate Not Corrosive

Feed Rate t/hr: _____ min. _____ max. Accuracy Required: +/- _____ %

Constant Feed Rate: Yes No

CONVEYOR

Application: Inventory Load out Control Blending

Profile: Horizontal Incline/Decline _____ (deg) Variable Incline _____ (deg) Curved

Automatic Tensioning Apparatus: Yes No

Access Side: (looking in direction of belt travel) Left Right Both

Area Classification: Zone _____ Class _____ Division _____

Does the current conveyor have scale grade idlers? Yes No

Belt Speed (ft/m per minute): _____ min. _____ max.

Condition of belt? _____

What type of splice does the belt have? _____

Belt Length: _____ m/ft Belt Width: _____ mm/in Belt Cleaning Device: Yes No

Idler Diameter: _____ mm/in Idler Spacing: _____ mm/in Tail Pulley Diameter: _____ mm/in

Trough Angle: _____ degrees Conveyor Length: _____ ft/m

(Supply sketch where possible) Sketch Attached

INTEGRATOR REQUIREMENTS

Enclosure Type: Field Mount/Universal Panel Mount Wall Mount

Power Available: 115V 230V 9-36VDC

Communications: AB Remote I/O Device Net Profibus-DP Ethernet IP

Analog Output RS-232 (standard) Ethernet TCP/IP Control Net

Remote Display Rate: Yes No Remote Display Totalizer: Yes No

Speed Sensor: Speed Wheel Shaft Encoder Magnet

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