Belt Scale and Weighfeeder Retrofit Application Questionnaire

Customer Information
Contact: ____________________________ Prepared By: ____________________________
Company: ____________________________ Date: ____________________________
Address: ____________________________ Notes on the Application: ____________________________
City: ____________________________ Country: ____________________________
Zip/Postal Code: ____________________________ Phone: ( ) Fax: ( )

☐ Weighfeeder retrofit  ☐ Belt scale retrofit  E-mail: ____________________________

Please describe brand and model of current weighfeeder, integrator, belt scale (weighing element), and speed sensor:

Material
Material being measured: ____________________________ Particle size: ____________________________ mm / inch / mesh
Corrosive state of material: ☐ High ☐ Moderate ☐ Not corrosive

Conveyor or Weighfeeder
(Supply sketch where possible) Sketch attached ☐
Application: ☐ Inventory ☐ Load out ☐ Control ☐ Blending ☐ Legal for trade
Feed rate: ____________________________ minimum t/hr or kg/hr or lb/hr or LTPH or STPH
__________________________ maximum t/hr or kg/hr or lb/hr or LTPH or STPH

Constant feed rate ☐ Yes ☐ No  Access side (looking in direction of belt travel): ☐ Left ☐ Right ☐ Both

Electrical classification at scale location: ____________________________
Profile: ☐ Horizontal ☐ Incline / Decline ______ Degrees ☐ Variable Incline ______ Degrees ☐ Curved
Belts speed: ____________________________ minimum m/sec. or ft/min.
__________________________ maximum m/sec. or ft/min.
Belts length: ____________________________ m / ft.  Belt width: ____________________________ mm / in.
Idler diameter: ____________________________ mm / in.  Tail pulley dia.: ____________________________ mm / in.
Trough angle: ____________________________ Degrees  Idler spacing: ____________________________ mm / in.  Y ____________________________mm / in.

Integrator Requirements
(indicate all that apply)
Inputs required:
☐ 4 to 20 mA (specify) ____________________________
☐ PID
☐ LVDT
☐ Load Cells (#): ____________________________

Outputs required:
☐ 4 to 20 mA
☐ PID
☐ Remote totalizer
☐ Relays (#): ____________________________

Communications:
☐ AB Remote I/O
☐ DeviceNet
☐ PROFIBUS DP
☐ RS-232 / RS-485 Modbus

Preferred Belt Scale Model: ☐ MBS ☐ MUS ☐ MCS ☐ MSI ☐ MMI ☐ MLC ☐ WD600
Preferred Construction: ☐ Painted mild steel ☐ 304 SS ☐ 316 SS ☐ Other (specify) ____________________________