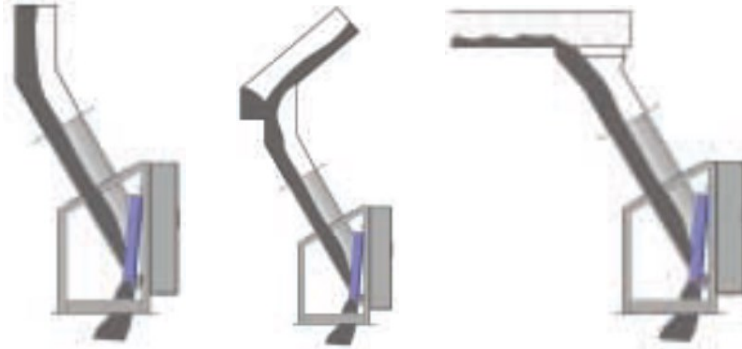


# ***MCR Technologies Group, Inc.***

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## **SI Application Form**



Date: \_\_\_\_\_

Contact: \_\_\_\_\_

Company Name: \_\_\_\_\_

Contact Phone Number: \_\_\_\_\_

Contact Email: \_\_\_\_\_

### Application Information

Application: (Describe the application in which the Flow Meter will be used.)	
Scale Objectives: (Inventory Control, Batching Control, or Blending Control)	
Flow Rate Range Requirements: (minimum and maximum)	
Measurement Accuracy Required: (within xx% of reading)	
Data Requirements: (Material Totalizer, Material Flow Rate, Tons Per hour.	
Describe any Environmental Conditions: (Caustic, explosive, high temperature, and temperature variations.)	

**MCR Technologies Group, Inc**  
P.O. Box 1016 Sterling, IL 61081  
815.622.3181  
www.weighshark.com  
sales@weighshark.com

MCR Technologies Group, Inc is a North American Distributor  
for the following German Companies



CONVEYOR  
SAFETY SWITCHES



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## **SI Application Form**

### Material Information & Material Flow

Material Being Measured:	
Material Density:	
Material / Environment Temperature Ranges:	
Material Moisture % Range:	
Describe Conveying Equipment and Transitions gravity feeding the Flow Meter.	
Describe Conveying Equipment and Transitions evacuating the Flow Meter.	
Describe any Machinery and processes creating vibrations transmitted to the Flow Meter.	
What is the in feed pipe diameter?	
Describe Flow Rate Consistency: (i.e. Flow rate remains consistent, Flow rate changes significantly when feed mills are brought on line or taken off line or material feeding scale bridges regularly causing erratic flows.)	
Describe Environmental Conditions For the Flow Meter and the Electronic Integrator. (indoors, outdoors, hot, cold, windy, rain, humidity, hose down area, dusty, dirty)	
Describe any Material Flow Ability and Problem Considerations (sticky, chunky, high moisture content, bridging, choking.)	
Distance of fall (feet).	

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Digital Metal Detector

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AGGREGATE  
METAL DETECTORS

Analog Metal Detector

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## **SI Application Form**

### Miscellaneous Considerations

Material Calibration Considerations: (how do you plan on capturing a measured weight run through the Flow Meter so as to compare to captured material weighed on separate scale. Option: Calibration Slide Gate, Calibration Divert Stand.)	
Installation Considerations (Excessive vibration or rocking, Flow Meter height, size weight restriction, Scale Discharge Square to round Transition, Product Discharge Divert Chute option, excessive air flow through the scale—airlock option requirement).	
Mechanical Consideration:  Discharge Tapered Transition—Square to Round.  Scale Discharge Divert Chute (typically scale is mounted on top so products discharges straight through or is diverted.	
Additional Comments:	

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