

To: _____ Fax Number: _____

From: _____ Fax Number: _____

LOAD CELL Application Data Sheet



Phone: 864.574.8060 • 800.778.9242
Applications Engineering Fax: **864.574.8062**

Company Name: _____	Contact: _____
Name: _____	
Street Address: _____	
City: _____	State: _____ Postal Code: _____
Phone: _____	Fax: _____

Please complete and forward to an Applications Engineer for review.

Material Information:

Name (specific and generic): _____

Type: ☐ Liquid ☐ Slurry ☐ Powder ☐ Flake ☐ Pellet ☐ Granular

Characteristics (free flowing, sticky, wet, bridges, rat holes, etc.): _____

Is Material Flammable or Explosive? (Y/N) _____ If Yes, what is the area classification? _____

Class, Division, Group or IP rating: _____

Solids:

Bulk Density (lb/cf or g/cc): _____ Does bulk density vary? _____ Range? _____

Aeration Present (Y/N): _____

If Yes, what type? ☐ Air Pads ☐ Air Cannons ☐ Other: _____

Liquids/Slurries:

Density or Specific Gravity: _____

Surface: Calm (Y/N): _____ Turbulent (Y/N): _____

Agitator Present (Y/N): _____

Electrical Power & Output Requirements:

Supply Power Available: ☐ 115 VAC ☐ 230 VAC ☐ 24 VDC

Load Cell Output Preferred: ☐ 4/20 mA ☐ mV/Volt

How will reading be displayed? ☐ Panel Meter (Bridge Input) ☐ Panel Meter (mA Input) ☐ PLC

☐ Existing Load Cell Readout ☐ Other _____

Vessel Parameters:

Tank Location: Indoors _____ Outdoors _____

Tank Weight - Empty: _____ Tank Weight - Full: _____

Vessel Construction:

☐ Vertical Cylinder ☐ Horizontal Cylinder ☐ Square / Rectangular

How many legs support vessel? _____ Is tank skirted? (Y/N) _____

Foundation Under Tank Legs? ☐ Steel ☐ Concrete ☐ Other _____

Is there any external structure connecting the tank to other structures? (Y/N) _____

Please provide dimensional drawing of tank, including top, showing all fill points and discharge points, and detailed information on the supporting legs. Include external structures attached to this tank such as catwalks, piping, ladders and any other bracing that may be present. Also include any other equipment that may be present such as agitators.

