# **GTS Flowmeter Application Form:**

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

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

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City/State/Zip: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Office Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

**Application Information:**

Quantity of applications: \_\_\_\_\_\_\_\_\_\_ Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Rate units required: ( )Lbs/hr ( )Kg/hr ( )Tons/hr ( ) MTons/hr ( ) other \_\_\_\_\_\_\_\_\_

Flow rate: \_\_\_\_\_\_\_\_\_\_\_ max \_\_\_\_\_\_\_\_\_\_\_ min \_\_\_\_\_\_\_\_\_\_\_ norm

Accuracy desired: +/- \_\_\_\_\_\_\_\_ percent

Material Flow is: ( )uniform ( )surges ( )slugs ( )slides ( )free fall ( ) Pneumatic

If Pneumatic Convey: ( )dilute phase or ( )dense phase, >20% product concentration, aka slugs

Can a material test be performed? ( )yes ( )no Static Electricity Present? ( )yes ( )no

Hazardous classification: ( ) None ( ) Ex Zone (Gas or Dust) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Prefeed device type (screw, rotary valve, pneumatic, free fall…)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Straight run length: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total available free fall height:\_\_\_\_\_\_\_\_\_\_\_\_\_

Pipe diameter: \_\_\_\_\_\_\_\_\_\_ Pipe schedule: \_\_\_\_\_\_\_\_\_\_\_ Pipe material: \_\_\_\_\_\_\_\_\_\_

Or Rectangular dimensions:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Wall thickness: \_\_\_\_\_\_\_\_\_\_

**Product Information:**

Material/Product: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Size: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ( )inches ( )mm ( )mesh

Bulk Density: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ ( ) lbs/ft³ ( ) g/cm³

Material Temp: \_\_\_\_\_\_\_\_ max \_\_\_\_\_\_\_\_ min ( )F ( )C

Pressure: \_\_\_\_\_\_\_\_\_\_\_\_\_ max ( ) psi ( ) bar Moisture: \_\_\_\_\_\_\_\_\_\_\_\_ %

Material Flow Characteristics: ( )Free Flowing ( )Sluggish ( )Subject to build-up

Material Properties: ( )Corrosive ( )Easily aerated ( )Abrasive ( )Extremely Abrasive

Is the material conductive? ( )yes ( )no ( )Don’t know

Pneumatic Systems: Air velocity \_\_\_\_\_\_\_\_\_\_\_\_\_ ( ) ft/s ( ) m/s ( ) CFM <NOT SCFM>

Employee Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Please attach a drawing, sketch, or picture of the entire application and process.**