

System TIVAR™ Engineering Linings

Project evaluation

From design to turnkey installation

Mitsubishi Chemical Group partners with you to develop bespoke lining solutions that make the handling of bulk materials safer, faster, easier and more efficient.

Please specify your problem as detailed as you can. This is important for developing a specific and tailor-made solution.

Plant/Component:
 Number: _____
 Hopper Silo Bunker Chute
 Tipper body Wheel loader bucket Wagon
 Other _____

Construction material:
 Steel Concrete Aluminium
 Other _____

Wall thickness (mm): _____

Existing lining: yes no
 Type: _____
 Thickness: _____

Location inside outside

Ambient temperature (°C):
 max. _____
 min. _____

Direct sunlight: yes no

Filling:
 continuously discontinuously
 centered decentered

Impact wear:
 Material directly hitting wall?
 Impact wear: yes no

Continuous material buffer in the plant?
 yes no, with intermissions _____

Drop height (m): _____

Throughput (t/h): _____

Operating time (h/day): _____

Bulk material:
Bulk material type: _____
Particle size (mm): max. _____ min. _____
Particle form: round sharp-edged lignitic
Density (kg/cm³): _____
Moisture content (%): _____
Bulk material temperature (°C): max. _____ min. _____

Problem description:
Impact wear: yes no
Risk of explosion: yes no
Malfunction due to:
 Sticking Bridging Freezing
 Corrosion Segregation
 Other _____

Affected area:
 Hopper/slanted walls vertical walls
 Other _____

Please describe major pain points that need to be solved

Timeline:
Which stage of the decision-making process are you in?
 Evaluation Supplier selection
 Awarding contract

When is the implementation scheduled?

By when is budget expected to be available?

Installation options:

Lift/Crane available on site: yes no

Accessibility for assembly:

Inspection opening Manhole Inlet/outlet
Other _____

Self-install under guidance possible? yes no

Your contact details:

Company: _____

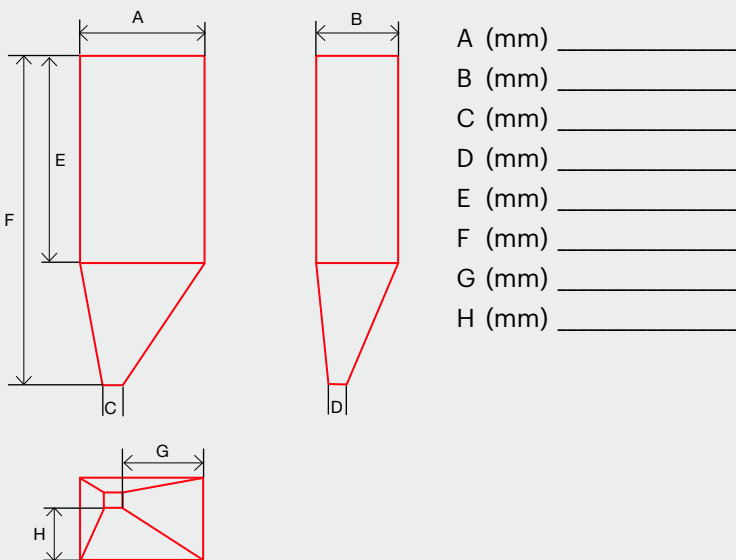
Name: _____

Email: _____

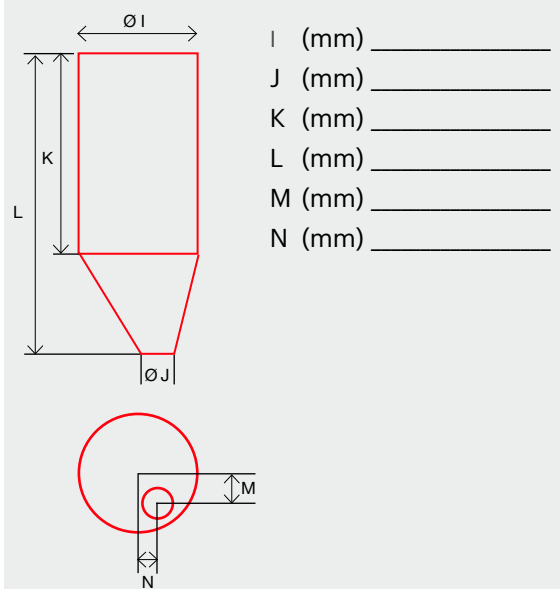
Phone/Mobile: _____

Please provide drawings, models and pictures of the system. Optionally, please specify dimensions.

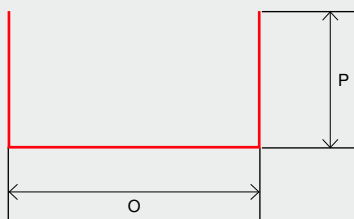
Bunker/Silo/Hopper Rectangular



Bunker/Silo/Hopper Cylindrical

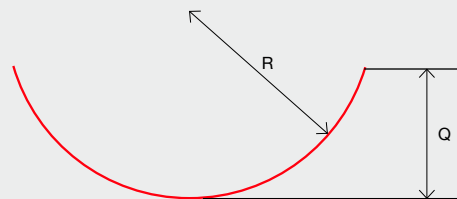


Troughs/Chutes Rectangular



O (mm) _____
P (mm) _____
Length _____
Slope _____

Troughs/Chutes Round



Q (mm) _____
R (mm) _____
Length _____
Slope _____



For more information please visit our **Lining Solutions** website.