# MND Moisture Analyzer

## Application Information Form

### General Information

Company _____

Address _____

Contact name _____

Phone/Fax/email _____

Number of systems _____ Tag #s _____

### Measurement

Process material: _____

Typical concentrations, in descending concentration:

| Component | Concentration Range (% by weight) |
|---|---|
| 1. _____ | _____ % to _____ %; Average _____ % |
| 2. _____ | _____ % to _____ %; Average _____ % |
| 3. _____ | _____ % to _____ %; Average _____ % |
| 4. _____ | _____ % to _____ %; Average _____ % |
| 5. _____ | _____ % to _____ %; Average _____ % |

Free moisture content: _____ % to _____ %; Average _____ %

Is bound moisture present? ☐ no ☐ yes, _____ % to _____ %; Average _____ %

Measurement desired: free moisture _____; bound moisture _____, total _____

Bulk density _____ to _____; _____(units), Average: _____

Particle size distribution _____

Is material free flowing? ☐ No ☐ Yes

Material temperature range: _____ % to _____ %; Average: _____ %

Is bound hydrogen (other than $H_2O$) present? ☐ No ☐ Yes, _____% to _____%; _____% average

Is chlorine present? ☐ No ☐ Yes, _____% to _____%; _____% average

Is boron present? ☐ No ☐ Yes, _____% to _____%; _____% average

Is cadmium present? ☐ No ☐ Yes, _____% to _____%; _____% average



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## Additional Information

Is there a liner in the vessel? ☐ no ☐ yes, _____ ☐ in ☐ mm in thickness

What is the liner composed of? _____What is the density of the liner? _____

Is there insulation on the vessel? ☐ no ☐ yes, _____ ☐ in ☐ mm in thickness

What is it composed of? _____What is the density of the insulation? _____

Can any of the insulation in front of the gauge be removed? ☐ no ☐ yes, _____ ☐ in ☐ mm

Is on-line measurement needed? ☐ no ☐ yes

Is the material in a hopper, chute or other vessel? ☐ no ☐ yes

If yes, specify the dimensions (check one: ☐ in ☐ ft ☐ mm ☐ cm ☐ m)

Length _____ Width_____

Wall thickness: _____Material: _____ Density _____

Other: _____

If no, can materials handling equipment be modified to provide chute or hopper geometry? ☐ no ☐ yes

If yes, please include a sketch of measurement geometry, additional information or comments.

## Additional Comments

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

## Mail or Fax this form

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## For More Info or Help with this Form

Call TN Technologies at 800-736-0801 or 512-388-9100

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