**Liebherr moisture measurement system FMS**



|  |  |  |  |
| --- | --- | --- | --- |
| **Customer:**  |  | **Contact:** |  |
| **Address:** |  | **Phone:** |  |
| **E-mail:** |  | **Date:** |  |
| **Website:**  |  |  |  |

**Material characteristics:**

|  |  |
| --- | --- |
| **Material to be measured:** |       |
| **Composition description:**  |       |
|  | Homogeneity:   |
| **Is metal present:**  | [ ]  yes [ ]  no content    % Variation:   |
| **Powder & Bulk:** |  [ ]  Other Powder&Bulk:      Grain size:min:    mm max:    mm |
| **Emulsion/other description:** |   [ ]  Other emulsion:      density:approx.       g/cc (kg/dm³) Variation:   |

Measuring range, moisture: min:    % max:     %

Water saturation at: approx.     % moisture

Required accuracy: +/-      %

Product abrasiveness: [ ]  low [ ]  high

Product “stickiness”: [ ]  low [ ]  high

Product conductivity: [ ]  yes [ ]  no

Moisture reference (%moisture):

**Ambient conditions:**

Process temperature: min:    °C max:     °C

Ambient temperature: min:    °C max:     °C

Material layer on sensor: min:       mm max:       mm

Further information (e.g.: SIP, CIP):

(Food Grade level required (what level?):

Type of washdown used:

**Installation:**

Installation place:  [ ]  Tube :       mm

 [ ]  Other

Process type: [ ]  Continuous operation [ ]  Batching operation (Starting signal 24V)

Distance from the sensor location/s to the controller:       feet or meters

Max range is 1,200 meters´- 3,900 feet total installed in series via optional RS-485 bus cable)

Number of measuring points / sensors heads:       (max. 16 sensor heads per controller
 interchange and evaluation unit)

Interchange and evaluation unit:

Desired interface to customer from the controller-interchange unit:

[ ]  EX-protection

[ ]  separate process display necessary

Brief description of the plant process and goal for In-Line measurements:

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