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| **APPLICATION DATA SHEET: STATIC (BIN) WEIGHING** |

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| **Quote Reference:** | | | |  | | |  | | **Tag:** | | | | | | |  | | | | | | | | | | | | | | |  | |
| **Customer:** | | |  | | | |  | | **End-User:** | | | | | | |  | | | | | | | | | | | | | | |  | |
| **Fax No:** | | |  | | | |  | | **Date:** | | | | | | |  | | | | | | | | | | | | | | |  | |
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| In order to evaluate the application *and* to ensure that any equipment subsequently purchased will be compatible with the process plant, certain minimum data is required. Please enter the data required on the questionnaire below.  A free hand sketch of the plant/equipment/supports etc., should be drawn on the reverse of this data sheet. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **PROCESS AND MEASUREMENT DETAILS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **VESSEL DATA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | **Maximum** | | | | | | | | | | | **Normal** | | | | | | | | | **Minimum** | | | | | |
| Bin tare mass (kg) | | | | | | |  | | | | | | | | |  | | | |  | | | | |  | | | |  | | | |
| Bin gross mass (kg) | | | | | | |  | | | | | | | | |  | | | |  | | | | |  | | | |  | | | |
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| **PROCESS DATA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | **Maximum** | | | | | | | | | | | **Normal** | | | | | | | | | **Minimum** | | | | | |
| Ambient temperature (°C) | | | | | | |  | | | | | | | | |  | | | |  | | | | |  | | | |  | | | |
| Process temperature (°C) | | | | | | |  | | | | | | | | |  | | | |  | | | | |  | | | |  | | | |
| Process material nett mass (kg) | | | | | | |  | | | | | | | | |  | | | |  | | | | |  | | | |  | | | |
| Bulk Density of process material (kg/m3) | | | | | | |  | | | | | | | | |  | | | |  | | | | |  | | | |  | | | |
| Process material | | | | | | |  | | | | | | | | |  | | | |  | | | | |  | | | |  | | | |
| Application (Mark choice (🗶) & enter accuracy required)? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | Level (Accuracy required >1%) | | | | | Accuracy | | | | | |  | | | | | | | | | % | | | | | | | | | | |
|  |  | Weighing (Accuracy required <1%) | | | | | Accuracy | | | | | |  | | | | | | | | | % | | | | | | | | | | |
|  |  | Custody Transfer/Certified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hazardous location? | | | | | | | Yes  No | | | | | | | |  | | | |  | | | | | | | | | (Classification) | | | | |
| Severe vibration? | | | | | | | Yes  No | | | | | | | | (Mark Choice) | | | | | | | | | | | | |  | | | | |
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| **CALIBRATION METHOD** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Theoretical  Material Test  Assised Test Mass Pieces (Mark preferred method(s)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **ELECTRONIC TRANSMITTER** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cabinet type | | | | | Blind  Wall Mounting | | | | | | | | | | | | | | | | | | | | | (Mark Choice) | | | | | | |
| Power supply available | | | | | 220V AC  110V AC  50 Hz  60 Hz | | | | | | | | | | | | | | | | | | | | | (Mark Choice) | | | | | | |
| Environmental temperature (°C) | | | | |  | | | (Maximum) | | |  | | | | | | | | | | (Normal) | | |  | | | | | | (Minimum) | | |
| Enclosure protection class | | | | | IP54 (std)  IP55  IP | | | | | | | | | | | |  | | | | | |  | | | (Mark Choice) | | | | | | |
|  | | | | |  | | | | | | | | | | | |  | | | | | |  | | |  | | | | | | |
| Severe vibration? | | | | | Yes  No | | | | | (Mark Choice) | | | | | | | | | | | | | | | | | | | | | | |
| Hazardous location? | | | | | Yes  No | | | | |  | | | | | | | | | | | | | | | | (Classification) | | | | | | |
| Local display required? | | | | | Yes  No | | | | | (Mark Choice) | | | | | | | | | | | | | | | | | | | | | | |
| Remote display required? | | | | | Yes  No | | | | | (Mark Choice) | | | | | | | | | | | | | | | | | | | | | | |
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| **TRANSMITTER OPTIONS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output signals required? | | | | | | 4-20 mA  Other | | | | | | | |  | | | | | | | | | | | | | | | | | |  |
|  | | | | | |  | | | | | | | |  | | | | | | | | | | | | | | | | | |  |
| Field bus options required? | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | | | |  |
| LCD back lighting required? | | | | | | Yes  No | | | | | | | | (Mark Choice) | | | | | | | | | | | | | | | | | | |
| High / Low alarms required? | | | | | | Yes  No | | | | | | | | (Mark Choice) | | | | | | | | | | | | | | | | | | |
| EMI Filtering Constant Voltage Transformer required? | | | | | | Yes  No | | | | | | | | (Mark Choice) | | | | | | | | | | | | | | | | | | |
| Inter-connecting cable required? | | | | | | Yes  No | | | | | |  | | Metres | | | | | | | | | | | | | |  | | | | |
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| **LOAD CELL OPTIONS** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| Number of load cells preferred | | | | |  | | | (Specify) | | | |
|  | | | | | | | | | | | |
| Mounting hardware required? | | | | | Yes  No | | | | | | |
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| **SPECIAL REQUIREMENTS** | | | | | | | | | | | |
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| **SKETCH OF VESSEL** (Side View) | | | | | | | | | | | |
| **or alternatively** attach a drawing (ACAD .dwg or .pdf format) of the vessel | | | | | | | | | | | |
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| **CONFIRMATION OF TECHNICAL DETAILS AS SET OUT ABOVE** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| Print Name: | |  | | | |  | Designation: | | |  |  |
| Signature: | |  | | | |  | Date: | | |  |  |
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|  | | | | | | | | | | | |
| **FOR OFFICE USE** | | | | | | | | | | | |
|  | | | | | | | | | | | |
| Transmitter Model to be supplied: | | | |  | | | | |  | | |
| Load cell model to be supplied: | | | |  | | | | |  | | |
| Load cell capacity to be supplied: | | | |  | | | | |  | | |
| Options to be supplied: | | | |  | | | | |  | | |
| Additional requirements: | | |  | | | | | | | |  |
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