**Interface and Multiphase Level Measurement**

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| Customer Contact Details |
| Company |       | Contact Name |       |
| Address |       | Phone  |       |
| City / Postal Code  |       | Fax |       |
| Country |       | Email |       |

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| --- | --- | --- | --- |
| Project / Tag No. |       | Date |       |

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| Physical Arrangement (Please provide vessel drawing!) |
| Vessel | [ ] new/design phase | [ ] existing |  |
| Vessel orientation | [ ] horizontal | [ ] vertical | [ ] other: please sketch |
| Vessel ID |       [ ] mm [ ] inch |   |  |
| Wall thickness |       [ ] mm [ ] inch | Vessel material |       |
| Insulation thickness |       [ ] mm [ ] inch | Insulation material  |       |
| Additional cladding/heating jacket (thickness & material) |       |

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| Measurement range (A) |       [ ] mm [ ] inch |
| Offset (B) |       [ ] mm [ ] inch |



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| Optional:Number of Detectors  |        |

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| Installation Details |
| Dip pipe | [ ] new/design phase | [ ] existing (please provide drawing) |
| Nozzle | Size:        | Position -distance from center line (C):       |

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| Measured Material Specifications |
|  | Name | Density range Unit:       Min Max | Level range (from vessel bottom)[ ] mm [ ] inch Min Max |
| Phase 1 |       |        |        |        |        |
| Phase 2 |       |        |        |        |        |
| Phase 3 |       |        |        |        |        |
| Phase 4 |       |        |        |        |        |
| Phase 5 |       |        |        |        |        |
| Emulsion layer | [ ]  yes | [ ] no  |
|  | Expected layer thickness |       [ ] mm [ ] inch |
| Build-ups on vessel wall | [ ]  yes | [ ]  no |
|  | Expected thickness |       [ ] mm [ ] inch |

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| Process Conditions |
| Process temperature  | Max:       | Operating:       | [ ] °C | [ ] °F |
| Ambient temperature | Min:       | Max:       | [ ] °C | [ ] °F |
| Process pressure | Max:       | Operating:       | [ ] bar | [ ] psig |

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| Detectors |
| Power Supply | [ ] 230 VAC | [ ] 115 VAC | [ ] 24 VDC |
| Communication standard | [ ] 4-20 mA | [ ] HART | [ ] Profibus PA | [ ] Foundation Fieldbus |
| Explosion protection |       |
| SIL approval | [ ] n.a. | [ ] SIL2 | [ ] SIL3 |
| Housing material | [ ] SS304 (standard) | [ ] SS316L (e.g. offshore) | [ ] others:       |