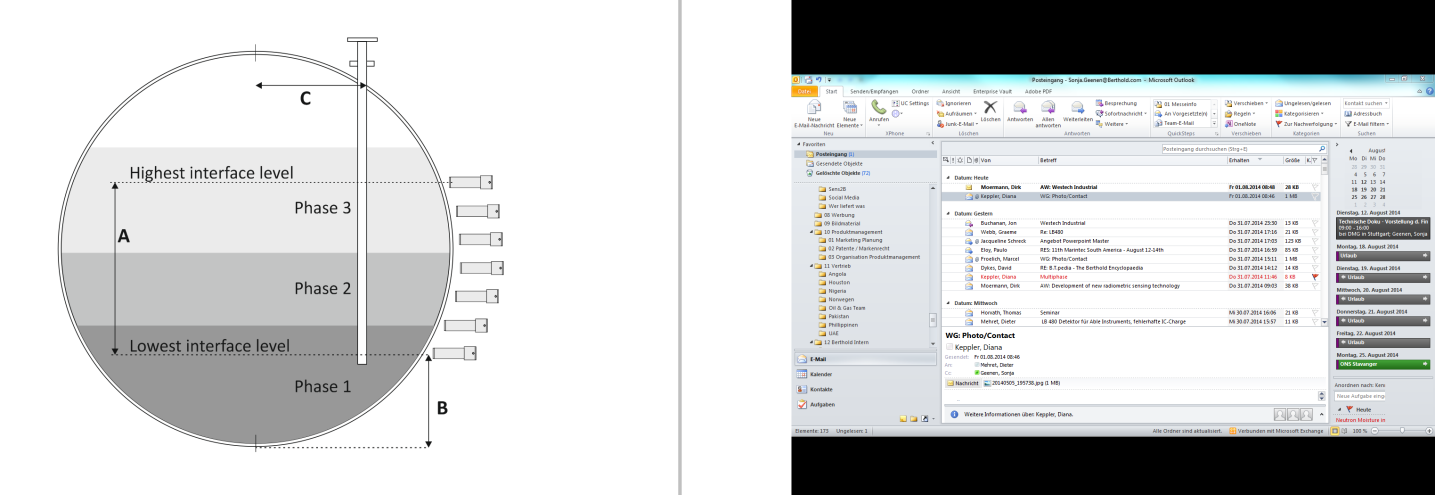
**Interface and Multiphase Level Measurement**

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| 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) | |  | |

|  |  |
| --- | --- |
| Measurement range (A) | mm inch |
| Offset (B) | mm inch |



|  |  |
| --- | --- |
| Optional: Number of Detectors |  |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | | |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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: | |