

# SAFE LINK SPECIFICATION

## Customer Information

|    |                            |  |                 |                          |
|----|----------------------------|--|-----------------|--------------------------|
| 1  | <b>Company:</b>            |  | <b>Address:</b> |                          |
| 2  | <b>Contact Person:</b>     |  |                 |                          |
| 3  | <b>Telephone/Fax:</b>      |  |                 |                          |
| 4  | <b>E-mail:</b>             |  |                 |                          |
| 5  | <b>Project:</b>            |  | RFQ/Order –No.: |                          |
| 6  | <b>Enduser:</b>            |  |                 |                          |
| 7  | <b>Plant:</b>              | <input type="checkbox"/> Refinerie <input type="checkbox"/> PetroChemical <input type="checkbox"/> Power Plant <input type="checkbox"/> Other: |                 |                          |
| 8  |                            | <input type="checkbox"/> Onshore <input type="checkbox"/> Offshore   |                 |                          |
| 9  | <b>Ambient conditions:</b> | Temperature min./max.  | °C / °C         | Design: °C   Humidity: % |
| 10 | <b>Remarks:</b>            |  |                 |                          |

## Electrical requirements

|    |                         |                               |  |                                  |                                |                                |                             |
|----|-------------------------|-------------------------------|--|----------------------------------|--------------------------------|--------------------------------|-----------------------------|
| 11 | Hazardous Area          | <input type="checkbox"/> Yes  | <input type="checkbox"/> Temperature Class | <input type="checkbox"/> T3      | <input type="checkbox"/> T4    | <input type="checkbox"/> Other | <input type="checkbox"/> No |
| 12 | Electrical Standard     | <input type="checkbox"/> ATEX | <input type="checkbox"/> IEC               | <input type="checkbox"/> CSA/NEC | <input type="checkbox"/> Other |                                |                             |
| 13 | Additional Information: |                               |  |                                  |                                |                                |                             |
| 14 | <b>Remarks:</b>         |                               |  |                                  |                                |                                |                             |

## Instrument/ Measurement Characteristics

|    |   |   |                             |                                      |                                   |   |                                      |
|----|---|---|-----------------------------|--------------------------------------|-----------------------------------|---|--------------------------------------|
| 15 | Type of Measurement                     | <input type="checkbox"/> P  | <input type="checkbox"/> dP | <input type="checkbox"/> Temperature | <input type="checkbox"/> Analyser | <input type="checkbox"/> remote indicator | <input type="checkbox"/> other       |
| 16 | Quantity                                | _____   | _____                       | _____                                | _____                             | _____                                     | _____                                |
| 17 | Type of Instrument: Type/ model code    |   |                             |                                      |                                   |   | <input type="checkbox"/> free issued |
| 18 |   |   |                             |                                      |                                   |   |                                      |
| 19 | <b>Process connection of instrument</b> | <input type="checkbox"/> flange acc. to IEC 61518 <input type="checkbox"/> ½" NPT male <input type="checkbox"/> ½" NPT female <input type="checkbox"/> G½" male |                             |                                      |                                   |   |                                      |
| 20 | Transmitter with Capillaries            | Outer Diameter [OD] of Capillaries: mm  |                             |                                      |                                   |   |                                      |

## Manifold

|    |                                    |   |  |  |  |  |                                      |
|----|------------------------------------|---|--|--|--|--|--------------------------------------|
| 21 | Type of Manifold                   | <input type="checkbox"/> in-line <input type="checkbox"/> flange acc. to IEC 61518  |  |  |  |  |                                      |
| 22 |                                    | <input type="checkbox"/> BM-Manifold as per INTERTEC standards e.g. DS1102 or DS1104, see <a href="http://www.intertec.info">www.intertec.info</a> downloads enclosure selection                          |  |  |  |  |                                      |
| 23 | Type of manifold: Type/ model code |   |  |  |  |  | <input type="checkbox"/> free issued |
| 24 | <b>Instrument connection</b>       | <input type="checkbox"/> flange acc. to IEC 61518 <input type="checkbox"/> ½" NPT male <input type="checkbox"/> ½" NPT female <input type="checkbox"/> G½" female <input type="checkbox"/> swivel adapter |  |  |  |  |                                      |
| 25 | Process ports                      | <input type="checkbox"/> ½" NPT female <input type="checkbox"/> ½" NPT male <input type="checkbox"/> G½" female <input type="checkbox"/> other.....   |  |  |  |  |                                      |
| 26 | vent ports                         | <input type="checkbox"/> ¼" NPT female  |  |  |  |  |                                      |
| 27 |                                    |   |  |  |  |  |                                      |
| 28 | Type of Instrument Installation    | <input type="checkbox"/> Remote Installation <input type="checkbox"/> Direct Mounting   |  | <input type="checkbox"/> In-line <input type="checkbox"/> Top <input type="checkbox"/> other |  |  |                                      |
| 29 | <b>Entry of Impulse Lines</b>      | <input type="checkbox"/> Bottom <input type="checkbox"/> Rear   |  | <input type="checkbox"/> Top <input type="checkbox"/> other                                  |  |  |                                      |
| 30 | OD/ mm                             | Impulse line _____ mm   |  | Vent line _____ mm   |  |  |                                      |
| 31 | Grommets                           | <input type="checkbox"/> Yes <input type="checkbox"/> No  |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                     |  |  |                                      |
| 32 | Bulkheads                          | <input type="checkbox"/> Yes <input type="checkbox"/> No  |  | <input type="checkbox"/> Yes <input type="checkbox"/> No                                     |  |  |                                      |
| 33 | Tube bundle                        | <input type="checkbox"/> Single tube <input type="checkbox"/> dual tube   |  | OD/ mm: _____  |  |  |                                      |
| 34 | Shrink sleeves                     | <input type="checkbox"/> Yes <input type="checkbox"/> No  |  |  |  |  |                                      |

## Enclosure

|    |   |   |  |   |  |             |  |
|----|---|---|--|---|--|-------------|--|
| 35 | Design:   | <input type="checkbox"/> MULTIBOX <input type="checkbox"/> DIABOX <input type="checkbox"/> MINIBOX <input type="checkbox"/> MESC-Box <input type="checkbox"/> cabinet         |  |   |  |             |  |
| 36 | No. of Instrument per enclosure   | <input type="checkbox"/> single <input type="checkbox"/> double <input type="checkbox"/> triple <input type="checkbox"/> four or more: ..... <input type="checkbox"/> Shelter |  |   |  |             |  |
| 37 | Insulation  | <input type="checkbox"/> arctic-PP <input type="checkbox"/> No  |  |   |  |             |  |
| 38 | Window :  | <input type="checkbox"/> Yes <input type="checkbox"/> No   Surface: <input type="checkbox"/> Anti-static design (GO) according to IEC 60079-0                                 |  |   |  |             |  |
| 39 | lid propstay:   | <input type="checkbox"/> gal. st. <input type="checkbox"/> st. st.  |  |   |  |             |  |
| 40 | Power feed cable : size and position  | <input type="checkbox"/> Bottom <input type="checkbox"/> Rear   |  | <input type="checkbox"/> Other  |  | OD: .....mm |  |
| 41 | Signal feed cable : size and position   | <input type="checkbox"/> Bottom <input type="checkbox"/> Rear   |  | <input type="checkbox"/> Other  |  | OD: .....mm |  |
| 42 | armoured cable :  | <input type="checkbox"/> Yes <input type="checkbox"/> No   OD inner sheath .....mm  |  | <input type="checkbox"/> Yes <input type="checkbox"/> No   OD outer sheath .....mm  |  |             |  |
| 43 | Earthing Cable Glands:  | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Bottom <input type="checkbox"/> Rear  |  | <input type="checkbox"/> other  |  | Size:.....  |  |
| 44 | Instrument mounting/ installation   | <input type="checkbox"/> MSW-mounting system <input type="checkbox"/> 2" Pipe Pillar  |  | <input type="checkbox"/> special bracket  |  |             |  |
| 45 | Enclosure mounting/ installation  | <input type="checkbox"/> 2" Pipe stand <input type="checkbox"/> Wall Mounting   |  | <input type="checkbox"/> other  |  |             |  |
| 46 | <b>Material inside:</b>   | <input type="checkbox"/> gal. st. <input type="checkbox"/> st. st.  |  | <b>Material outside:</b> <input type="checkbox"/> gal. st. <input type="checkbox"/> st. st.   |  |             |  |
| 47 | <b>ISOPASS insulation adapter:</b>  | <input type="checkbox"/> Yes  |  | <input type="checkbox"/> 2" Pipe stand: <input type="checkbox"/> Yes <input type="checkbox"/> H= 1000 mm <input type="checkbox"/> H= 1700 mm <input type="checkbox"/> H= ..... mm |  |             |  |
| 48 | <input type="checkbox"/> earthing rail <input type="checkbox"/> earthing bolt | <input type="checkbox"/> Earthing bolt for pipe stand   |  |   |  |             |  |
| 49 | Label   | <input type="checkbox"/> Resopal <input type="checkbox"/> Stainless Steel   |  | <input type="checkbox"/> No   |  |             |  |

## Heater

|    |                                  |   |  |
|----|----------------------------------|---|--|
| 50 | Heating purposes                 | <input type="checkbox"/> freeze protection (+10°C) <input type="checkbox"/> req.maintenance Temperature .....°C   |  |
| 51 | nominal Voltage                  | <input type="checkbox"/> 230 VAC <input type="checkbox"/> other ..... VAC   |  |
| 52 | Heating                          | <input type="checkbox"/> Electric <input type="checkbox"/> Steam/Water/ Glycol <input type="checkbox"/> Other   |  |
| 53 | In case of steam heater:         | Steam pressure: bar   steam temperature: °C   |  |
| 54 | Junction Box for Heater          | <input type="checkbox"/> Yes, size of port for power feed cable <input type="checkbox"/> M25x1,5 <input type="checkbox"/> M20x1,5 <input type="checkbox"/> switch 0-1 |  |
| 55 | Connection of heat tracing cable | <input type="checkbox"/> Yes, size of connection port <input type="checkbox"/> M25x1,5 <input type="checkbox"/> M20x1,5 <input type="checkbox"/> No                   |  |
| 56 | <b>Remarks:</b>                  |   |  |

## Accessories/ Services

|    |  |  |  |  |
|----|--|--|--|--|
| 57 | <input type="checkbox"/> leakage test 6 bar air                    | <input type="checkbox"/> Pressure test <input type="checkbox"/> Certificates <input type="checkbox"/> Temperature Tests in climate chamber |  |  |
| 58 | <input type="checkbox"/> GA-drawings                               | <input type="checkbox"/> SUNSHADES <input type="checkbox"/> heat tracing cable <input type="checkbox"/> tube bundles, preinsulated         |  |  |
| 59 | <input checked="" type="checkbox"/> <b>Workshop pre-assembling</b> |  |  |  |
| 60 | <b>Remarks:</b>  |  |  |  |