Questionnaire for choosing the hydraulic pressure seal

Customer: _____

Address: _____

1. Process medium

Name and analysis: _____

Density: _____

Material for wetted parts: _____

2. Process pressure specification

Pressure (differential pressure): _____

Pressure variation limits: _____ frequency: _____

Maximum static pressure: _____

Maximum overload pressure: _____

Any negative pressures?: ____ yes _____ no

3. Operating temperatures

3.1 Temperatures during measurement

Process: _____ °C Variation: _ _____ °C to _____ °C

Ambient: _____ °C Variation: _ _____ °C to _____ °C

Measuring device: _____ °C Variation: _____ °C to _____ °C

3.2 Highest temperature when equipment is not in measurement (e.g. during cleaning): _____ °C

3.3 Lowest absolute pressure and simultaneous temperature at hydraulic pressure seal:

_____ mbar (abs) _____ °C

4. Capillary tubes

Length:_____ m, Number of pressure seals: _____

Heating:_____ yes, _____ no, Temperature _____ °C, Variation_____°C

5. Purpose of measurement

Level measurement:_____ Fig. 2, or _____ Fig. 3 (see page 5/02)

Pressure measurement: _____ Fig. 4 (see page 5/02)

Other: _____

6. Installation specification

Span (h_1): _____

Difference in height between minimum level and (+)-flange (h_2): _____

Difference in height between (+)-flange and measuring device (h_3): _____

Difference in height between (-)-flange and measuring device (h_4): _____

7. Equipment specification

Selected equipment _____

_____

_____