

**T.C.L. Tradinco Calibration Laboratory**

**CALIBRATION CERTIFICATE**

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Certificate number : 22100027

Applicant CE-ESTER Keuringsbedrijf B.V.  
Lakerveld 10 B  
4128 LJ Lexmond

Instrument Digital pressure gauge  
Manufacturer Tradinco Instruments  
Type TRAQC-1  
Serial number 3103KF1  
Service number 21711  
Customer identification number -

Calibration method This calibration is carried out with :  
Deadweight tester type : M2000/1 S/N : 7518/93 Cal. Due : 21 May 2024

During calibration a test pressure is put under a calibrated measuring piston which is loaded with calibrated weights

The instrument is calibrated in combination with oil/gas separator type 8335.

Environmental conditions Temperature: 20.0°C ± 2°C  
Humidity: 55 %rh ± 25 %rh

Date / period of calibration 13 January 2021

Results See following page(s)

Uncertainty ± 0.15 % of full scale with use of correction figures in the range of (0 ÷ 40) bar

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor of  $k = 2$ , which provides a confidence level of approximately 95 %.  
The standard uncertainty has been determined in accordance with document EA-4/02.

Calculated by software revision: 2.7.6.6/2.44

Traceability The measurements have been executed using standards for which the traceability to (inter)national standards has been demonstrated towards the RvA.

Date 13 January 2021

Name S. Baidjnath-Misier  
Head of TCL



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|                | Standard             | Instrument             |
|----------------|----------------------|------------------------|
| Service number |                      | 21711                  |
| Type           | M2000/1              | TRAQC-1                |
| Manufacturer   | Tradinco Instruments | Tradinco Instruments   |
| Description    | Deadweight tester    | Digital pressure gauge |
| Serial number  | 7518/93              | 3103KF1                |
| Range          | (2.6 ÷ 350) bar      | (-1 ÷ 40) bar          |
| Medium         | Oil                  | Air                    |
| Accuracy       | ±0.011 % R           | ±0.5 % FS              |
| Temperature    | 20.11°C ± 0.5°C      |                        |

| MP. | STANDARD        |                   | INSTRUMENT        |                     |                  |                    |                  |                    |
|-----|-----------------|-------------------|-------------------|---------------------|------------------|--------------------|------------------|--------------------|
|     | INPUT UP<br>bar | INPUT DOWN<br>bar | READING UP<br>bar | READING DOWN<br>bar | ERROR UP<br>% FS | ERROR DOWN<br>% FS | LIMIT UP<br>% FS | LIMIT DOWN<br>% FS |
| 1   | 0.00000         | 0.00000           | 0.00              | 0.00                | 0.00             | 0.00               | ± 0.50           | ± 0.50             |
| 2   | 9.99612         | 9.99612           | 9.98              | 9.98                | -0.04            | -0.04              | ± 0.50           | ± 0.50             |
| 3   | 19.9967         | 19.9967           | 19.99             | 20.00               | -0.02            | 0.01               | ± 0.50           | ± 0.50             |
| 4   | 29.9971         | 29.9971           | 29.98             | 29.99               | -0.04            | -0.02              | ± 0.50           | ± 0.50             |
| 5   | 34.9918         | 34.9918           | 34.98             | 34.99               | -0.03            | 0.00               | ± 0.50           | ± 0.50             |
| 6   | 39.9910         |                   | 39.97             |                     | -0.05            |                    | ± 0.50           |                    |

The instrument has not been adjusted (As found is as left calibration).

Customer ID. no. :-  
 Customer ref. :-  
 Our ref. : 62100020  
 Customer : CE-ESTER Keuringbedrijf B.V.

Calibrated by  
 Calibration Technician  
 A. Lachman  
 Cal. date : 13 January 2021

Approved by  
 Head of TCL  
  
 S. Bairath-Misier  
 Date: 13 January 2021  
 Zoetermeer