

T.C.L. Tradinco Calibration Laboratory

**CALIBRATION CERTIFICATE**

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Certificate number : 21600712

Applicant	eFBé Beveiligingen BV Middelblok 194 2831 BR Gouderak
Instrument	Analogue pressure gauge
Manufacturer	Badotherm
Type	100 mm
Serial number	V1430 3778
Service number	19223
Customer identification number	
Calibration method	This calibration is carried out with : Deadweight tester      type : M2000/1      S/N : 7518/93      Cal. Due : 3 June 2019

During calibration a testpressure 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	17 June 2016
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Recalibration date as stated on applicants request	17 June 2021
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Results	See following page(s)
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Uncertainty	± 0.38 % of full scale with use of correction figures in the range of 0 - 100 % of full scale
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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: 2.7.6.6/2.35

Traceability	The measurements have been executed using standards for which the traceability to (inter)national standards has been demonstrated towards the RvA.
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Date	17 June 2016
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Name	S. Baidjnath-Misier Head of TCL
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Certificate number : 21600712

	Standard	Instrument
Service number		19223
Type	M2000/1	100 mm
Manufacturer	Tradinco Instruments	Badotherm
Description	Deadweight tester	Analogue pressure gauge
Serial number	7518/93	V1430 3778
Range	(2.6 ÷ 350) bar	(0 ÷ 160) bar
Medium	Oil	Air
Accuracy	±0.011 % R	±1 % FS
Temperature	20.3°C ± 0.5°C	

MP.	STANDARD		READING		INSTRUMENT		LIMIT	
	INPUT UP bar	INPUT DOWN bar	UP bar	DOWN bar	ERROR UP % FS	ERROR DOWN % FS	UP % FS	DOWN % FS
1	0.00000	0.00000	0.5	1.0	0.3	0.6	± 1.0	± 1.0
2	29.9912	29.9912	30.0	30.5	0.0	0.3	± 1.0	± 1.0
3	59.9858	59.9858	60.0	60.0	0.0	0.0	± 1.0	± 1.0
4	99.9772	99.9772	99.5	100.0	-0.3	0.0	± 1.0	± 1.0
5	129.970	129.970	130.0	130.0	0.0	0.0	± 1.0	± 1.0
6	159.962		160.5		0.3		± 1.0	

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

Calibrated by  
Head of TCL

S. Baidjnath-Misier

Cal. date : 17 June 2016

Approved by  
Head of TCL

S. Baidjnath-Misier

Date : 17 June 2016

Berkel en Rodenrijs

Customer ref. : RvA 17025 kalibratie

Our ref. : 61601311

Customer : eFBé Beveiligingen BV