

CERTIFICATE OF CALIBRATION

Date of Issue: 10/11/2021 Certificate No: CL05108

proserv

ISSUED BY:

Proserv UK Ltd
4 Greenbank Place, East Tullos Industrial Estate, Aberdeen, AB12 3BT
Tel: 01224 957236
Email: rental@proserv.com calibration@proserv.com

Customer : MacScott Bond Ltd
Project Number : PJ-04-028709

INSTRUMENT INFORMATION:

Description : Pressure Recorder
Range : 15,000 Psi
Accuracy : 1% FS
Serial Number : 19E701121
Reference :

TRACEABILITY INFORMATION:

Calibrated Against : Paroscientific 745-20K SIS19328

ENVIRONMENTAL CONDITIONS: Temperature 20°C ± 2°C
Humidity < 70%

Results recorded increasing and decreasing pressure

Nominal Pressure	Applied Pressure	Actual Pressure	Error	Unit
0	0	0	0	Psi
7500	7500	7419	-81	Psi
15000	15000	15022	22	Psi
7500	7500	7371	-129	Psi
0	0	0	0	Psi

Worst case error is: 129 Psi

Calibration Information:

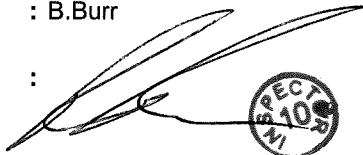
This certificate provides traceability of measurement to recognised national standards, and to the units of measurements realised at the National Standards Laboratories. This instrument was calibrated against laboratory standards whose values are traceable to recognised national standards and in general accordance with ISO/IEC 17025:2017. This uncertainty limits quoted refer to the measured values only, with no account being taken of the instruments ability to maintain its calibration.

Notes: : Instrument was placed in lab and allowed to acclimatise for one hour before
No adjustments were required

Tested/Calibrated by : B.Burr

Date of calibration: 10/11/2021

Signed :



Due Date: 10/11/2022

CERTIFICATE OF CALIBRATION

Date of Issue: 08/10/2020 Certificate No: CL02785



ISSUED BY:

Proserv UK Ltd
4 Greenbank Place, East Tullos Industrial Estate, Aberdeen, AB12 3BT
Tel: 01224 957236
Email: rental@proserv.com calibration@proserv.com

Customer : MacScott Bond Ltd
Project Number : PJ-04-026350

INSTRUMENT INFORMATION:

Description : Chart Recorder
Range : 15,000 Psi
Accuracy : 1% FS
Serial Number : 19E701121
Reference :

TRACEABILITY INFORMATION:

Calibrated Against : Paroscientific 745-40K SIS17848

ENVIRONMENTAL CONDITIONS: Temperature 20°C ± 2°C
Humidity < 70%

Results recorded increasing and decreasing pressure

Nominal Pressure	Applied Pressure	Actual Pressure	Error	Unit
0	0	0	0	Psi
7500	7500	7567	67	Psi
15000	15000	15073	73	Psi
7500	7500	7420	-80	Psi
0	0	0	0	Psi

Worst case error is: 80 Psi

Calibration Information:

This certificate provides traceability of measurement to recognised national standards, and to the units of measurements realised at the National Standards Laboratories. This instrument was calibrated against laboratory standards whose values are traceable to recognised national standards and in general accordance with ISO/IEC 17025:2005. This uncertainty limits quoted refer to the measured values only, with no account being taken of the instruments ability to maintain its calibration.

Notes: : Instrument was placed in lab and allowed to acclimatise for one hour before calibration.
No adjustments were required

Tested/Calibrated by : A. Will

Date of calibration: 08/10/2020

Signed :

Due Date: 08/10/2021



Certificate No **1092965**

Date of Issue **3 October 2019**

CALIBRATION CERTIFICATE

Customer's Name MACSCOTT BOND LTD
Customer's Reference AP0017173
Serial Number 19E701121
Description Scotia Pressure Recorder
Range 15000psi
Our Reference 332099/R/5
Temperature of Test 21.3 °C
Calibration Uncertainty ±1% of fs +0.2 div
Standard Used Budenberg PCU (D112)
Traceable Ref UKAS Lab 0208 Cert 035903

Applied Value	Reading	Correction
psi		
3000	3060	-60
6000	6060	-60
9000	9000	
12000	12000	
15000	15000	

The Standard Used is traceable to National Standards. Positive corrections are to be added to the reading and negative subtracted.
 Calibration is done in accordance with ISO IEC 17025:2017

Notes on Calibration:
 Equipment certified has passed our check for safety compliance in accordance with our internal procedures.
 No adjustments were made before calibration.

Signed: *Callum Mackie*

Job Title: Technician

Date of calibration for this device is 2 October 2019
 Recommended maximum recalibration date: 2 April 2020



CM4 MCTAG1

CM4



Certificate No **1055283**

Date of Issue **6 March 2019**

CALIBRATION CERTIFICATE

Customer's Name MACSCOTT BOND LTD
Customer's Reference AP0016844
Serial Number 19E701121
Description Scotia Pressure Recorder
Range 15000psi
Our Reference 324489/S/7
Temperature of Test 21.9 °C
Calibration Uncertainty ±1% of fs +0.2 div
Standard Used Budenberg PCU (E100)
Traceable Ref UKAS Lab 0208 Cert 035055

Applied Value	Reading	Correction
psi		
3000.00	3000	
6000.00	6000	
9000.00	9000	
12000.00	12000	
15000.00	15000	

The Standard Used is traceable to National Standards. Positive corrections are to be added to the reading and negative subtracted. Calibration is done in accordance with ISO IEC 17025

Notes on Calibration:

Equipment certified has passed our check for safety compliance in accordance with our internal procedures.

Signed:

Job Title: Technician

Date of calibration for this device is 6 March 2019
Recalibration date: 6 September 2019





Certificate No **1055185**

Date of Issue **6 March 2019**

Certificate of Conformity

Customer's Name MACSCOTT BOND LTD
Customer's Reference AP0016844
Serial Number 390657/835
Description Bristol Charts CSP/11/4145-Scotia
Range -10+40,15000/2-8-24
Our Reference 324489/S/8

The above item has been checked prior to delivery to yourselves and was found to comply with the requirements of your purchase order. Equipment certified has passed our checks for safety compliance in accordance with our internal procedures.

1 chart has been removed and tested. Charts found to be within manufacturers tolerance.

Date of Test/Calibration: 6 March 2019

Signed:

Job Title: Tech Co-ordinator

GF