

**ALBERTA MEASUREMENT SERVICES LTD**

5327 - 91 STREET ~ EDMONTON, ALBERTA, T6E 6E2  
Phone (780) 468- 6387 ~ Fax (780) 462-9387

**RECORDER CALIBRATION CERTIFICATE**

**CUSTOMER:** Petro-Line  
**MODEL:** Barton  
**RANGE:** 0 - 18000 kPa x -30 to 50°C  
**SERIAL #:** AMS-186  
**DATE:** April 29, 2011

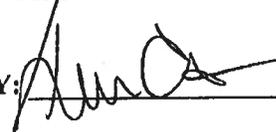
**AMBIENT TEMP:** 20C  
**STATIC ZERO**  
**AS FOUND:** N/A  
**AS LEFT:** 0 kPa  
**MECHANIC:** ██████████

MASTER DEADWEIGHT READING	BLUE PEN AS FOUND	BLUE PEN AS LEFT
0 kPa	N/A	0 kPa
4500 kPa		4500 kPa
9000 kPa		9000 kPa
13500 kPa		13500 kPa
18000 kPa		18000 kPa

MASTER INSTRUMENT READING	GREEN PEN AS FOUND	GREEN PEN AS LEFT
-30°C	N/A	-30°C
-10°C		-10°C
10°C		10°C
30°C		30°C
50°C		50°C

**REMARKS:** *THE ABOVE EQUIPMENT HAS BEEN COMPARED TO A RUSKA MODEL 5000 S/N 12342 DEADWEIGHT TESTER WHICH WAS CALIBRATED AGAINST A DHI MODEL RPM-4 S/N 489 TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST).*

*THE ABOVE EQUIPMENT HAS BEEN COMPARED TO FLUKE MODEL 51 S/N 6565100 TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST).*

**WITNESSED BY:**  **SIGNATURE:** 

**ALBERTA MEASUREMENT SERVICES LTD.**

5327 - 91 STREET - EDMONTON, ALBERTA, T6E 2E6 - CANADA  
Phone (780) 468- 6387 - Fax (780) 462-9387

**DIGITAL PRESSURE INDICATOR CALIBRATION CERTIFICATE**

CUSTOMER: Petro-Line  
MODEL: Druck DPI 601 CSA  
SERIAL: AMS-162  
RANGE: 0-5000 PSI  
DATE: April 29, 2011

<b>MASTER DEADWEIGHT READING</b>	<b>CUSTOMER READING</b>	<b>% DEVIATION</b>
0 PSI	0.0 PSI	0.000%
1250 PSI	1249.6 PSI	-0.008%
2500 PSI	2499.9 PSI	-0.002%
3750 PSI	3751.1 PSI	0.022%
5000 PSI	5001.4 PSI	0.028%

REMARK: DO NOT EXCEED 5000 PSI.

THE ABOVE INSTRUMENT WAS FOUND TO BE ACCURATE WITHIN THE MANUFACTURER'S SPECIFICATIONS FOR NON IMPROVED ACCURACY OF  $\pm 0.1\%$  OF FULL SCALE.

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WITNESSED BY:



SIGNATURE:



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**RECORDER CALIBRATION CERTIFICATE**

**CUSTOMER:** Petro-Line  
**MODEL:** Barton  
**RANGE:** 0 - 18000 kPa x -30 to 50°C  
**SERIAL #:** AMS-053  
**DATE:** April 29, 2011

**AMBIENT TEMP:** 20C  
**STATIC ZERO**  
**AS FOUND:** N/A  
**AS LEFT:** 0 kPa  
**MECHANIC:** ██████████

<b>MASTER DEADWEIGHT READING</b>	<b>BLUE PEN AS FOUND</b>	<b>BLUE PEN AS LEFT</b>
0 kPa	N/A	0 kPa
4500 kPa		4500 kPa
9000 kPa		9000 kPa
13500 kPa		13500 kPa
18000 kPa		18000 kPa

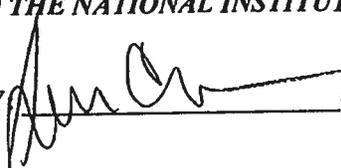
  

<b>MASTER INSTRUMENT READING</b>	<b>GREEN PEN AS FOUND</b>	<b>GREEN PEN AS LEFT</b>
-30°C	N/A	-30°C
-10°C		-10°C
10°C		10°C
30°C		30°C
50°C		50°C

**REMARKS:** THE ABOVE EQUIPMENT HAS BEEN COMPARED TO A RUSKA MODEL 5000 S/N 12342 DEADWEIGHT TESTER WHICH WAS CALIBRATED AGAINST A DHI MODEL RPM-4 S/N 489 TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST).

THE ABOVE EQUIPMENT HAS BEEN COMPARED TO FLUKE MODEL 51 S/N 6565100 TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST).

WITNESSED BY



SIGNATURE:



