



February 25, 2014

National Energy Board
444 – 7th Avenue SW
Calgary, Alberta
T2P 0X8

Attn : Gary Woo

Re : 2014 Approval to Alter Condition of a Well
Strategic et al Cameron M-73
Strategic et al Cameron 2M-73
Strategic et al Cameron 2H-03

Regarding the above noted Approvals to Alter Condition of a Well, in the applications, the service rig that was quoted was Hurley Rig #11. Unfortunately, this service rig was tied up and unavailable. An alternate service rig was retained. This is Hurley #10. Attached is all of the relevant rig inventory, inspection and certification documentation. This service rig is currently on location and in service in the Cameron Hills area.

If you have any questions or require any additional information, please call me at (403) 767-2944.

Yours truly,

A handwritten signature in black ink, appearing to read "Ken Nikiforuk".

Ken Nikiforuk
Production Manager

MAIL ROOM
SALLE DE COURIER

2014 FEB 28 P 12:45

NEB/ONE





Service Rig Description

Rig #10

Carrier	2006 BW 600 Tandem/Tri Drive Detroit Diesel 60 Series 475 HP Allison 5860 Transmission 42" X 10" Main Drum 38" X 8" Sandline Drum Cobalt Disk Brake Crown Saver Ram Saver
Mast	72' Freestanding 120,000 # Stiff Mast
Travel	Periods: 2, 3, 4
BOP's	Class 3 5000# Working Pressure
Rig Pump	Mobile Carrier Style Tandem / Tandem Enclosed & Heated for Winter Operation 4" X 6" Oil Well 5000# Working Pressure Detroit Diesel 60 Series 425 HP Mounted Steam Heater
Rig Tank	Skidded 35 MB Trough Degasser Line Pipe 5000# Working Pressure
Junk Truck	Mobile Carrier Style Single / Tandem Detroit Diesel 60 Series 425 HP
Comb. Building	30' Mobile Class 3 Accumulator 60 KW Generator Potty Change Room
Matting	2 - 8' X 40' sheets with ramps 1 - 8' X 16' sheets
Catwalk	1 - 40' X 7'
Pipe Racks	2 - Sets



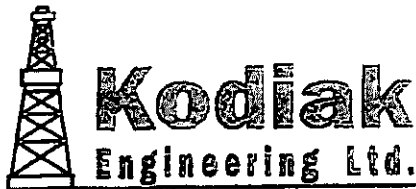
Example of Critical List

	Contractor Name: Hurley Well Service Ltd.			
	Rig Name: 10			
	Over Head Equipment List			
ITEM NAME	SERIAL NUMBER	HWS SERIAL NUMBER	INSPECTION DATE	YEARS/DAYS REMAINING
Mast	11-83	N/A	Oct 14, 2011	10 Years
Climbing Line Anchor	11-83	N/A	Oct 14, 2011	10 Years
Monkeyboard Rear Escape Line Frame	11-83	N/A	Oct 14, 2011	10 Years
MB Fall Restraint	11-83	N/A	Oct 14, 2011	10 Years
Brake linkage	060814	N/A	Nov 23, 2006	10 Years
Travelling Blocks	2896-1	HWS-TB-09	Nov 29, 2012	4 Years
Bails	06196-01/02	HWS-BL-03	Nov 28, 2012	4 Years
TBG Elevators: 2 3/8 2 7/8	N/A 120430	HWS-TE-16 HWS-TE-10	Jul 21, 2013 Nov 20, 2012	5 Years 5 Years
Rod Hook	120430	HWS-RH-07	Jun 25, 2012	4 Years
Rod Elevators	T0811028 T0811024 T0811027 T0811019	HWS-RE-35 HWS-RE-36 HWS-RE-37 HWS-RE-38	Oct 11, 2011 Oct 11, 2011 Oct 11, 2011 Oct 11, 2011	3 Years 3 Years 3 Years 3 Years
Crown Shivs	11-83	N/A	Oct 14, 2011	7 Years
Weight Indicator	M3941	HWS-WI-10	Mar 7, 2013	2 Months

Fall Arrests	091718	HWS-RL-14	Sep 28, 2013	7 Months
	090134	HWS-RL-15	Sep 28, 2013	7 Months

	Contractor Name: Hurley Well Service Ltd.			
	Rig Name: 10			
	Blow Out Prevention Equipment List			
ITEM NAME	SERIAL NUMBER	HWS SERIAL NUMBER	INSPECTION DATE	YEARS/DAYS REMAINING
Bops	5410	HWS-BOP-02	Jul 5, 2013	2 Years
Annular	5409	HWS-A-02	Jul 5, 2013	2 Years
Working Spool	49659	HWS-WS-02	Jul 5, 2013	2 Years
Working Valve	CA5263	HWS-WV-10	Jul 5, 2013	Continuous...
Safety Valves	D2875T-1174	HWS-SV-12	Feb 8, 2011	Continuous...

	Contractor Name: Hurley Well Service Ltd.			
	Rig Name: 10			
	Safety Equipment List			
ITEM NAME	SERIAL NUMBER	HWS SERIAL NUMBER	INSPECTION DATE	YEARS/DAYS REMAINING
Fire Extinguishers	N/A	HWS-FE-09	May 2, 2013	3 Months
	BT-762039	HWS-FE-12	May 2, 2013	3 Months
	AV-821088	HWS-FE-15	May 2, 2013	3 Months
	N/A	HWS-FE-16	May 2, 2013	3 Months
Air Packs	SZ209441	HWS-AP-13	Apr 5, 2013	4 Months
	SY098441	HWS-AP-14	Apr 5, 2013	4 Months



Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office: (780) 416-2125 • Fax: (780) 416-2780 • Cell: (780) 910-3533 • Email: hyzyk@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

COPY

RE: **CERTIFICATION OF FREESTANDING CAPITAL RIG MAST AND BASE**

Model:	140-72
Serial Number:	11-83
Mast Height:	72 ft / 21.95 m
Maximum Hook Load:	120,000 lbs. / 53,400 daN / 4 lines
Maximum Wind:	69 mph / 111 kph
Owner:	Hurley Well Service Ltd. – Rig #10
Our File:	11-07-7766/0

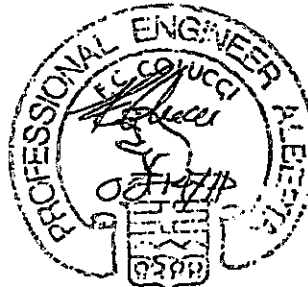
The above rig is certified to operate without external guylines, with internal load lines in place, and monkeyboard lines tied back to the ends of the outriggers, as per Capital Rig Repair operating procedure. The mast, base, and outriggers have been designed in accordance with API 4F, Mast With Guylines.

The above mast, base and outriggers were fabricated from new material by Capital Rig Repair at their Edmonton, Alberta facility. We performed visual and magnetic particle inspections on the completed fabrication as per the attached inspection reports.

Based on the analysis performed, the inspection of the mast, base, and outriggers, and our review of the completed repairs, it is our opinion that the mast, base, and outriggers are safe operating structures when operated as per Capital Rig Repair operating procedure, and may be placed into service at the above ratings and specifications.

This certification covers the above-described mast, base and outriggers for a period of 24,000 operating hours, with inspections by a qualified person as per CAODC Recommended Practice T-03-04/R.P. 3.0, or until the mast, base or outriggers are damaged by either handling, transportation or operation.

PERMIT TO PRACTICE	
KODIAK ENGINEERING LTD.	
Signature	<i>[Signature]</i>
Date	<i>October 14, 2011</i>
PERMIT NUMBER: P 7518	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



Drilling and Service Rig Design • Inspection and Certification
Rig Component Design • Technical Reports



Kodiak Engineering Ltd.

Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office (780) 416-2125 • Fax (780) 416-2780 • Cell (780) 910-3533 • Email: lyzyk@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

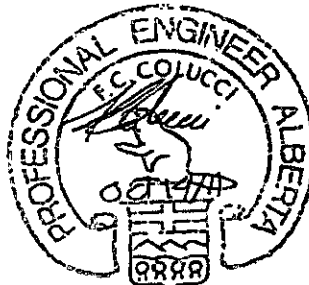
RE: **CERTIFICATION OF CLIMBING LINE ANCHOR**
Mast Model: Capital Rig 140-72
Mast Serial Number: 11-83
Frame Capacity: 5,000 lbs / 2,224 daN
Owner: Hurley Well Service Ltd. - Rig #10
Our File: 11-07-7766/2

The climbing line anchor at the crown has been designed to support and house the retractable climbing line at the crown. This anchor is rated for the above capacity, which is required for the climbing line anchor point as outlined by the climbing line OEM.

Based on our design and inspection of the climbing line anchor, it is our opinion that the climbing line anchor is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described climbing line anchor for 24,000 operating hours, with inspections by a qualified person as per CAODC Recommended Practice T-03-04/R.P. 3.0, or until the climbing line anchor is damaged by either handling, transportation or operation.

PERMIT TO PRACTICE KODIAK ENGINEERING LTD.
Signature <u>[Signature]</u>
Date <u>October 14, 2011</u>
PERMIT NUMBER: P 7516
The Association of Professional Engineers, Geologists and Geophysicists of Alberta



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October 14, 2011

Hurley Well Service Ltd.
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

RE: CERTIFICATION OF MONKEYBOARD REAR ESCAPE LINE FRAME

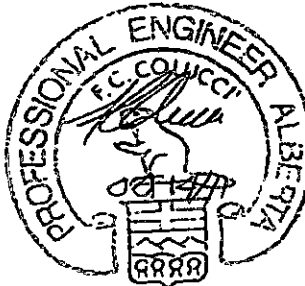
Mast Model:	Capital Rig 140-72
Mast Serial Number:	11-83
Frame Capacity:	3,000 lbs / 1,335 daN
Owner:	Hurley Well Service Ltd. - Rig #10
Our File:	11-07-7766/3

A frame has been manufactured new for the monkeyboard to allow for rear egress to the escape buggy on the escape line. The frame is rated for the above capacity, which is required for escape line anchor points as outlined by the escape buggy OEM. The frame fabrication has been performed by Capital Rig Repair at their Edmonton, Alberta facility.

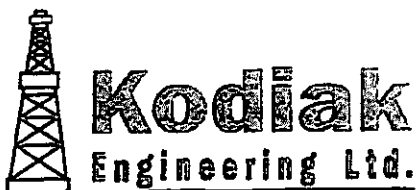
Based on our design and inspection of the completed monkeyboard rear escape line frame, it is our opinion that the monkeyboard rear escape line frame is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described monkeyboard rear escape line frame for 24,000 operating hours, with inspections by a qualified person as per CAODC Recommended Practice T-03-04/R.P. 3.0, or until the monkeyboard rear escape line frame is damaged by either handling, transportation or operation.

PERMIT TO PRACTICE KODIAK ENGINEERING LTD.
Signature <u><i>[Signature]</i></u>
Date <u>October 14, 2011</u>
PERMIT NUMBER: P 7518
The Association of Professional Engineers, Geologists and Geophysicists of Alberta



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Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office: (780) 416-2125 • Fax: (780) 416-2780 • Cell: (780) 910-3533 • Email: fyzyk@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd.
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

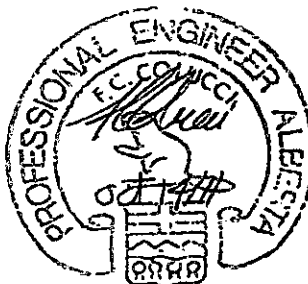
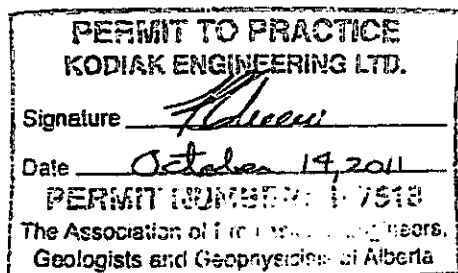
RE: **CERTIFICATION OF OVERHEAD MB FALL RESTRAINT SYSTEM**

Mast Model:	Capital 140-72
Mast Serial Number:	11-83
Maximum Static Load:	5,000 lbs / 2,225 daN
Owner:	Hurley Well Service Ltd. – Rig #10
Our File:	11-07-7766/4

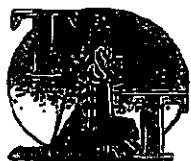
The overhead monkeyboard fall restraint system consists of a folding frame mounted to the front legs of the mast above the rod board with a self-retracting life line (SRL) attached to the end of the frame. The system was fabricated and installed new by Capital Rig Repair at their Edmonton, Alberta facility.

Based on the design performed and inspection of the completed system, it is our opinion that the overhead monkeyboard fall restraint system is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described overhead monkeyboard fall restraint system for 24,000 operating hours, with inspections by a qualified person as per CAODC Recommended Practice T-03-04/R.P. 3.0, or until the overhead monkeyboard fall restraint system is damaged by either handling, transportation or operation.



Drilling and Service Rig Design • Inspection and Certification
Rig Component Design • Technical Reports



INSPECTIONS & ENGINEERING

609 - 21 Avenue Nisku, Alberta T9E 7X9
Phone: 780-955-9688 Fax: 780-955-9389
NON-DESTRUCTIVE EXAMINATION & ENGINEERING
24 Hour Service

In Service
Nov 23-2006

EQUIPMENT CERTIFICATION

November 23, 2006

Issued to:

Hurley Well Service Ltd.
RR3 Site 1 Box 11
Grande Prairie, Alberta
T8V 5N3

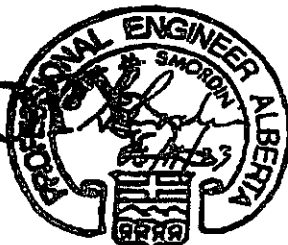
Rig #: 10
Equipment: SJ Petro / Brake Bands for Sand Line and
Main Line Drum
Model: BW600-SJ350
Serial #: SN. 060814
B.W. Rig Repair & Supply: ... W.O.# 9728-30
Engineering File #: 061112675

The above-mentioned equipment required a Level IV inspection, repairs where needed and certification for service. REES N.D.T. Inspections Services Ltd. examined all accessible areas of the brake bands. The bands were in a new manufactured condition at the time of magnetic particle inspection and visual examination.

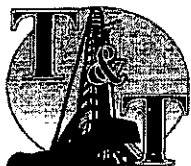
Based on the inspection, it is our opinion that the equipment is a safe operating unit and may be placed into service within the manufacturer's original ratings and specifications.

This certification is valid for a period of 1000 operating days, as per the recommendations provided by the Canadian Association of Oilwell Drilling Contractors, or until the unit has been damaged either as a result of operation, transportation or handling.

PERMIT TO PRACTISE	
T & T INSPECTION & ENGINEERING LTD.	
Signature	<i>A. Gordon</i>
Date	<i>November 23, 2006</i>
PERMIT NUMBER: P 6501	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



To: Darryl = 12 pages



INSPECTIONS & ENGINEERING

609 - 21 Avenue Nisku, Alberta T9E 7X9
Phone: 780-955-9688 Fax: 780-955-9389
NON-DESTRUCTIVE EXAMINATION & ENGINEERING
24 Hour Service

EQUIPMENT CERTIFICATION

November 29, 2012

Issued to:

Hurley Well Service Ltd
8209 - 102A Street
Grande Prairie, AB
T8W 1Z5

Rig #: 9
Equipment: Sowa Tubing Block & Hook
Model: 0724-3A, 3x24" Sheaves, 1" Wire, 100-Ton
Serial #: 2896-1
Equipment #: HWS-TB-09
Tartan Report #: M-3842
Engineering File #: 121120004

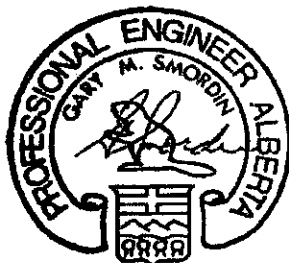
The above-mentioned equipment required a Level IV inspection, repairs where needed and certification for service.

Tartan N.D.T. Services Ltd. conducted the magnetic particle inspection and visual examination.

Based on the provided documentation, it is our opinion that the equipment is a safe operating unit and may be returned to service within the manufacturer's original ratings and specifications.

This certification is valid for a period of 6 years, as per the recommendations provided by the Canadian Association of Oilwell Drilling Contractors, or until the unit has been damaged either as a result of operation, transportation or handling.

PERMIT TO PRACTICE
T & T INSPECTIONS & ENGINEERING LTD.
Signature: <i>G. Smordin</i>
Date: <i>November 29, 2012</i>
PERMIT NUMBER: P 6501
The Association of Professional Engineers and Geoscientists of Alberta



November 29, 2012



November 28, 2012

Hurley Well Services
3901 - 100 Street
Grande Prairie, AB T8W 5A8

LEVEL IV CERTIFICATION

Equipment: 72" x 2 7/8" Bail Link **RFI Report Number:** SHP6433-02
Make: BVM **Inspection Date:** November 28, 2012
Model:
Serial Number: 06196-01/02
HWS BL03
Capacity: 150 Ton

On November 28, 2012 our technical staff non-destructively examined the aforementioned equipment in accordance with Red Flame Industries procedures and industry standard practices. Upon final inspection of the equipment and any repairs recommended or performed, no unacceptable defects were noted.

Based on the results of our final inspection, it is our opinion that the inspected components are safe for use within the original equipment manufacturer's specifications.

This certification is valid for a period of 6 years, with inspections by a qualified person as per CAODC R.P. 4.0, or until the equipment has been modified or damaged by handling or operation.



November 29 2012

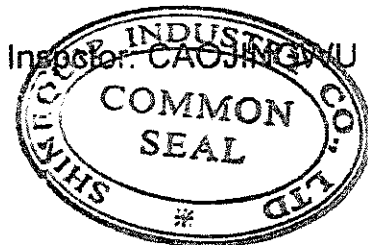
APEGGA Permit Number P8717

Shinequip Industry Co.,Ltd

INSPECTION REPORT OF TUBING ELEVATOR

According to API Spec8A/8C,the product was tested at 1.5 times the max ,load keeping five minutes .The result of test ,NDE,handing property and exterior as follows :

Description(Type)	TUBING ELEVATOR	Test Load	150TON
Dispatch No	TA/100T 2.3/8"EU: 30661、 30662 TA/100T 2.7/8"EU: 306112、 30696、 30653、 30176		
Test result	OK		
MPI result	OK		
Handing property	OK		
Exterior	OK		



DATE: july 21TH ,2013

HWSTE16

Shinequip Industry Co.,Ltd

MAGNETIC PARTICLE INSPECTION CERTIFICATE

Part name	TUBING ELEVATOR	Type	TA 100 EU 2 3/8"
Dispatch No.	120430	Qty	1 (Pcs)
Material	Alloy steel	Face estate	
Heat treatment estate	Quenching and Tempering	Area thickness	See below
Instrument Model	CEW-10000	Method of Magnetization	Continuum
Method of display	Fluorescence	Sensitivity	A 15/100
Black light lamp	>800Uw/cm2	Acceptance Std	API SPEC 8C 8.4.7.1
Test extent and place of assess casing: HWS TE 10			
In Service Nov 20/2012			
Find type of disfigurement and dimension(give clear indication of position in up map): Nonexistence			
Quality grade of assess and/or conclusion:			
Inspector	CAOJINWU SEAL Auditing	WUZHENG	Date JUNE 25 TH 2012



160 Portage Close
Sherwood Park, AB
T8H 2W2

Tel: (780) 449-5013
Fax: (780) 449-5036

May 12, 2010

Hurley Well Services Ltd.
RR 3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

HWS RH 07

CERTIFICATION

Equipment:	O'Bannon Rod Hook Assembly
Model:	15 Ton
Serial No.:	11100 HWS RH 07
Owner:	Hurley Well Services Ltd.
TRM #:	TRM0510002
Recertification Facility:	EMRC, a division of Topco Oilsite Products Ltd.
Nortech Field Report No.'s:	M-6520
Our Engineering File No.:	NT-10517

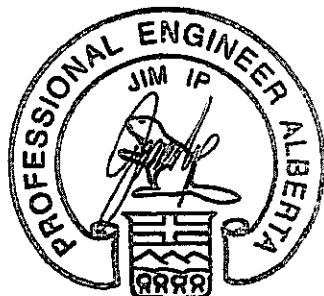
APEGGA Permit to Practice No.: P10646

We performed our examination of this rod hook assembly on May 07, 2010 at EMRC, a division of Topco Oilsite Products Ltd. The rod hook assembly was completely disassembled and sandblasted.

Nortech technicians provided magnetic particle inspection services.

Final NDT inspection revealed no defects after load test. As a result of our inspections and review of the supplied documents, it is our opinion that this rod hook assembly may be safely returned to service within the manufacturer's original ratings and specifications.

This certification is valid for 6 years, as per recommendations provided by CAODC RP-4.0, or until the rod hook assembly is damaged either as a result of operation, transportation or handling.



Jim Ip, P.Eng.

May 12, 2010

HWS RE 35



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSB Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811028	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.

HWS RE 36



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSB Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811024	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.

HWS RE 37



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSR Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811027	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.

HWS RE 38



Certificate of Proof Load Test

Date: October 11, 2011

It is hereby certified that the products identified on the bottom of this certificate were load tested to the indicated values. The product has successfully completed load testing without permanent deformation in product configuration or degradation in performance. An examination was performed by a qualified CGSB Level 2 Technician in accordance with API Specification 8C after proof load testing.

Proof Load Test Specification: API-SPEC 8C

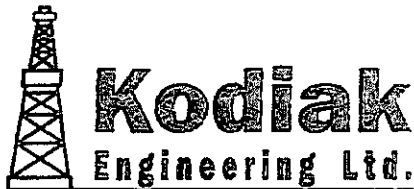
Re: 24/10/06 Rev 7

Quantity Tested	Serial Number	Product Description	Part Number	Maximum Rated Load	Proof Load Tested
1	T0811019	Trico Sucker Rod Elevator Plate Type	553-575-500	50,000 LB/25 Ton	75,000 LB

Proof Load Test By: EMRC – A Division of Topco Oilsite Products Ltd.

WARNING: The proper utilization and care of products, within its stated design limits, and the selection, installation, and working load limits on wire rope and other attachments is the sole responsibility of the user. Acceleration and impact loads will reduce the Maximum Rated Static Load. Welding repairs to the equipment indicated above are not recommended since the components are manufactured using high-strength steel. The product indicated above shall be annually inspected as required under CAODC Overhead Equipment Inspection & Certification Recommended Practice 4.0 for Service Rigs.

Please read the back of this certificate for General Cautions and Warnings.



Suite 101A, 957 Fir Street, Sherwood Park, AB T8A 4N6 • Office: (780) 416-2125 • Fax: (780) 416-2780 • Cell: (780) 910-3533 • Email: fyzyk@kodiakeng.com

October 14, 2011

Hurley Well Service Ltd.
R.R. #3, Site 1, Box 11
Grande Prairie, Alberta
T8V 5N3

RE: **LEVEL IV CERTIFICATION OF CAPITAL RIG CROWN**

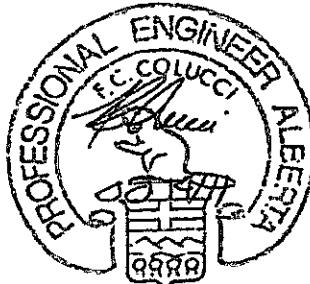
Mast Model:	140-72
Mast Serial Number:	11-83
Drill Line Sheaves:	3 x 24" x 1" Nylatron
Sand Line Sheave:	1 x 20" x 9/16" Nylatron
Owner:	Hurley Well Service Ltd. – Rig #10
Our File:	11-07-7766/1

The above crown was fabricated from new material by Capital Rig Repair at their Edmonton, Alberta facility. A visual and magnetic particle inspection was performed on the completed fabrication. No defects were noted at time of final inspection.

Based on the inspection of the completed fabrication, it is our opinion that the crown is a safe operating structure and may be placed into service within the above ratings and specifications.

This certification covers the above described crown for 24,000 operating hours, with inspections by a qualified person as per CAODC Recommended Practice T-03-04/R.P. 3.0, or until the crown is damaged by either handling, transportation or operation.

PERMIT TO PRACTICE KODIAK ENGINEERING LTD.	
Signature	<i>F. C. Colucci</i>
Date	<i>October 14, 2011</i>
PERMIT NUMBER: P 7518	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



Drilling and Service Rig Design • Inspection and Certification
Rig Component Design • Technical Reports

Certificate of Calibration

Report number Arkane-Cal Report11564

ARKANE WORKS

Manufacturer	Model	Company / Unit	Gauge Number	Serial Number	Calibration Date	Expiration Date
WEIGHT INDICATOR	INDICATOR 2 LINES	HURLEY WELL SERVICES	MWS WI 10	M3941	07/01/2013	07/01/2014

All instrument calibrations are verified for accuracy before they are shipped. The recommended calibration interval for this instrument is 12 months from the date of verification.

As Received Condition:

Out of Tolerance

As Left Condition: In Tolerance

All calibrations are performed in a controlled environment by qualified personnel using instrumentation and methods which guarantee that specifications claimed are reliable. Calibrations conform to ANSI/NCSL 7540-1-1994, MIL STD 45662A, 10CFR21 and 10CFR20 when specified by customer documentation. Laboratory ambient conditions throughout this calibration were:

Temperature: 20 to 24°C
Humidity: 30 to 55% RH
Pressure: 100 to 103 kPa

Reference Standards used in this calibration are traceable to the National Institute of Standards and Technology through the following report numbers:

Manufacturer	Model	Serial Number	Report Number	Due Date	Reference Uncertainty
Casta Engineering	10KPSIXP21	253296	146698	13-Mar-13	0.20% of FS + 0.02% FS 70%-100% of FS + 0.15 mm H ₂ O

This certificate shall not be reproduced except in full, without written approval.

As Received Test Results

25 DaKN 2-LINES

Reference Reading	Gauge Reading	Condition	Difference	Difference as % Tolerance	Allowable Tolerance
7.2098	7.5	Pass	0.2902	11.61%	0.5000
5.8897	5.0	Fail	-0.8897	-17.79%	0.5000
8.9231	7.5	Fail	-1.4231	-18.97%	0.5000
12.0642	10.0	Fail	-2.0642	-20.64%	0.5000
15.2751	12.5	Fail	-2.7751	-22.20%	0.5000
18.3157	15.0	Fail	-3.3157	-22.10%	0.5000
21.7450	17.5	Fail	-4.2450	-24.26%	0.5000
24.7967	20.0	Fail	-4.9602	-24.80%	0.5000
27.9478	22.5	Fail	-5.4668	-24.30%	0.5000
31.6003	25.0	Fail	-6.6003	-26.40%	0.5000

As Left Test Results

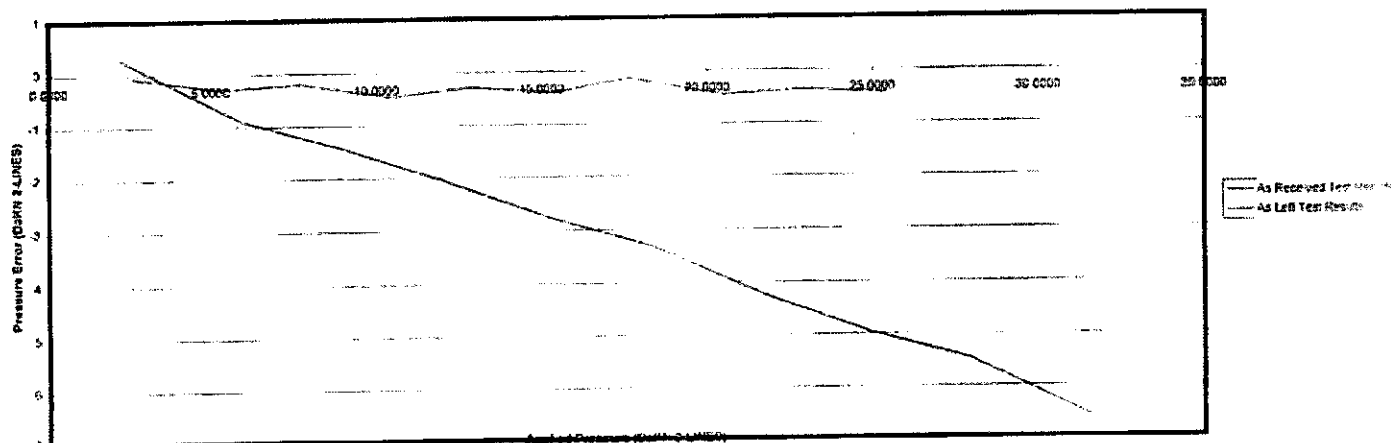
25 DaKN 2-LINES

Reference Reading	Gauge Reading	Condition	Difference	Difference as % Tolerance	Allowable Tolerance
2.5638	2.5	Pass	-0.0638	-2.55%	0.5000
5.2929	5.0	Pass	-0.2929	-5.86%	0.5000
7.7065	7.5	Pass	-0.2065	-2.75%	0.5000
10.4590	10.0	Pass	-0.4590	-4.59%	0.5000
12.7883	12.5	Pass	-0.2883	-2.31%	0.5000
15.3901	15.0	Pass	-0.9901	-6.60%	0.5000
17.6462	17.5	Pass	-0.1462	-0.84%	0.5000
20.4602	20.0	Pass	-0.4602	-2.30%	0.5000
22.6499	22.5	Pass	-0.3699	-1.64%	0.5000
25.4415	25.0	Pass	-0.4415	-1.77%	0.5000

In Service March 7 /13

Laboratory Representative:
Calibration Technician

Pressure Error Graph for Gauge # MWS-WI-10, S/N WEIGHT INDICATOR 2-LINES, Report # Arkane-Cal Report11564





In Service Sept 28, 2013 Certificate

Date: 09/24/2013
Customer: HURLEY WELL SERVICES
Model #: 3403500
Serial #: 091718
ID #: HWS RL 14
Next Service Due: 09/24/2014

Work Order #: GP193359
Technician: N909

This is to verify that the above Self Retracting Lifeline was serviced to manufacturer's specifications to meet or exceed the CAS requirements (CSAZ259.2.2-98).

This Fall Protection Device requires re-certification one year from the above date. Extreme working conditions may indicate the necessity to increase annual service.

Service Performed by: *Century Vallen*

☐ Edmonton, AB, T6B 2X4
4810 - 92 Avenue
Ph: 780-468-3366
Fx: 780-468-5654

☒ Grande Prairie, AB, T8V 8B7
10203 - 123 Street
Ph: 780-532-0843
Fx: 780-532-0819

☐ St. Catharines, ON, L2M 6S5
Unit #1, 27 Seapark Drive
Ph: 905-688-1866
Fx: 905-688-5020

☐ Regina, SK, S4N 4X1
563 McDonald Street
Ph: 306-721-2223
Fx: 306-721-2344

☐ Red Deer, AB, T4P 3R2
7948 Edgar Industrial Way
Ph: 403-343-6671
Fx: 403-347-9970





In Service Sept 10, 2013 Certificate

Date: 08/15/2013
Customer: HURLEY WELL
Model #: 3403500C
Serial #: 090134
ID #: HWS RL 15
Next Service Due: 08/15/2014

Work Order #: GP193024
Technician: N909

This is to verify that the above Self Retracting Lifeline was serviced to manufacturer's specifications to meet or exceed the CAS requirements (CSAZ259.2.2-98).

This Fall Protection Device requires re-certification one year from the above date. Extreme working conditions may indicate the necessity to increase annual service.

Service Performed by: *Century Vallen*

☐ Edmonton, AB, T6B 2X4
4810 - 92 Avenue
Ph: 780-468-3366
Fx: 780-468-5654

☒ Grande Prairie, AB, T8V 8B7
10203 - 123 Street
Ph: 780-532-0843
Fx: 780-532-0819

☐ St. Catharines, ON, L2M 6S5
Unit #1, 27 Seapark Drive
Ph: 905-688-1866
Fx: 905-688-5020

☐ Regina, SK, S4N 4X1
563 McDonald Street
Ph: 306-721-2223
Fx: 306-721-2344

☐ Red Deer, AB, T4P 3R2
7948 Edgar Industrial Way
Ph: 403-343-6671
Fx: 403-347-9970





ALBERTA PETROLEUM INDUSTRIES LTD.

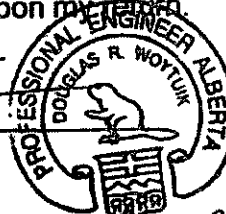
"Blowout Preventer & Fluid Control Specialists"

3712 - 93 Street,
Edmonton, AB T6E 5K6
Phone 780-436-9693
Fax 780-436-8515
api@apibop.com
www.apibop.com

To Whom It May Concern:

During my absence I authorize Alberta Petroleum Industries President, Scott Delbridge, to act as the "Certifying Party" per Appendix 5 of ERCB Directive 36. Permanent certificates will be issued after a review upon my return.

Douglas Woytuik P.Eng:



30 June 2010

Re: Service Requirements

A.P.I. Work Order No.: 67428 S/N: 5410/HWS-BOP-2

Certification Date: June 28 / 13

After a review of the above Alberta Petroleum Industries Ltd. Work Order, the equipment listed above meets the 3-year certification requirements of ERCB Directive 36, Appendix 5.

The required documentation for the work performed on this equipment for certification is on file with Alberta Petroleum Industries Ltd.

Regards,

Scott Delbridge
President

In Service July 5, 2013



ALBERTA PETROLEUM INDUSTRIES LTD.

"Blowout Preventer & Fluid Control Specialists"

3712 - 93 Street,
Edmonton, AB T6E 5K6
Phone 780-436-9693
Fax 780-436-8515
api@apibop.com
www.apibop.com

To Whom It May Concern:

During my absence I authorize Alberta Petroleum Industries President, Scott Delbridge, to act as the "Certifying Party" per Appendix 5 of ERCB Directive 36. Permanent certificates will be issued after a review upon my return.

Douglas Woytuik P.Eng:



30 June 2010

Re: Service Requirements

A.P.I. Work Order No.: 67427

SIN: 5409/HWS-A-02

Certification Date: June 28/13

After a review of the above Alberta Petroleum Industries Ltd. Work Order, the equipment listed above meets the 3-year certification requirements of ERCB Directive 36, Appendix 5.

The required documentation for the work performed on this equipment for certification is on file with Alberta Petroleum Industries Ltd.

Regards,

Scott Delbridge
President

In Service - Done - Clean



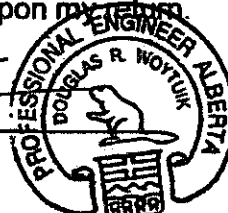
ALBERTA PETROLEUM INDUSTRIES LTD.
"Blowout Preventer & Fluid Control Specialists"

3712 - 93 Street
Edmonton, AB T6E 5K
Phone 780-436-965
Fax 780-436-851
api@apibop.co
www.apibop.co

To Whom It May Concern:

During my absence I authorize Alberta Petroleum Industries President, Scott Delbridge, to act as the "Certifying Party" per Appendix 5 of ERCB Directive 36. Permanent certificates will be issued after a review upon my return.

Douglas Woytuik P.Eng:



30 June 2010

Re: Service Requirements

A.P.I. Work Order No.: 67429 S/N: 49659/HWS-^{WS}KA-02

Certification Date: June 28/13

After a review of the above Alberta Petroleum Industries Ltd. Work Order, the equipment listed above meets the 3-year certification requirements of ERCB Directive 36, Appendix 5.

The required documentation for the work performed on this equipment for certification is on file with Alberta Petroleum Industries Ltd.

Regards,

Scott Delbridge
President

In Service July 5, 2013

IN SERVICE July 5, 2013 OF QUALITY CERTIFICATE

DATE: December-10-2012

MANUFACTURER	JIANGSU JIN SHI MACHINERY GROUP CO., LTD
CUSTOMER	WDC/PTDC
SPECIFICATION	API 6A 20" S ISO15155-2009
CUSTOMER P.O.	
ITEM NO.	10-95885
QUANTITY	1PCS
SIZE & DESCRIPTION	JM, 2-1/16 SM VALVE, API 6A DD LU PSL1, P11
NO	NO: PFPAP3552
IDENTIFICATION NO:	2011C5443

VALVE PART	SERIAL #	HEAT NO.	NON-DESTRUCTIVE TESTING									
			STEEL	CAL216	A-5-6-1	C	Mn	P	S	Si	Cu	NI
			0.361	0.483	0.018	0.016	0.240	0.018	0.024	0.024	0.006	0.013
			REMARKS									
VALVE PART	SERIAL #	HEAT NO.	NON-DESTRUCTIVE TESTING									
			BONNET	CAL218	WIZAT02	C	Mn	P	S	Si	Cu	NI
			0.295	0.347	0.016	0.003	0.299	0.009	0.009	1.007	0.213	0.006
			REMARKS									
VALVE PART	SERIAL #	HEAT NO.	NON-DESTRUCTIVE TESTING									
			BODY	CAL263	IU10	C	Mn	P	S	Si	Cu	NI
			0.3	0.28	0.35	0.021	0.01	0.21	0.08	0.03	0.16	0.009
			REMARKS									

VALVE SERIAL # 2011C5443									
PRESSURE TEST (PSI)									
API 6A 20"									
100 N.M.									
TORQUE									
SEAL A KSI									
SEAL B KSI									
BACK SEAL									
HYDRO AIR									
HYDRO AIR									
SECONDS									
240X2									
DIMENSIONS CONFORM TO API 6A									

95	80.1	27	36	203/205	203/205	203/205	67	66	63
TENSILE KSI	YIELD KSI	%EL	%RA	HARDNESS HBW	CHARP J	TEMP(-46°C)			
MECHANICALS									

95	80	27	60	207/205	-	-	-	-	-
105	83	24	57	209/207	-	-	-	-	-
105	83	24	57	209/207	-	-	-	-	-
105	83	24	57	209/207	-	-	-	-	-

95	80	27	60	207/205	CHARP J	TEMP(-C)			
TENSILE KSI	YIELD KSI	%EL	%RA	HARDNESS HBW					
MECHANICALS									

95	89	21	56	199/197	CHARP J	TEMP(-46C)	67	70	67
TENSILE KSI	YIELD KSI	%EL	%RA	HARDNESS HBW					
MECHANICALS									

95.6	72.8	26	57	203/205	CHARP J	TEMP(-46C)	67	66	67
TENSILE KSI	YIELD KSI	%EL	%RA	HARDNESS HBW					
MECHANICALS									

95	80.1	27	36	203/205	CHARP J	TEMP(-46C)	67	66	63
TENSILE KSI	YIELD KSI	%EL	%RA	HARDNESS HBW					
MECHANICALS									



WE CERTIFY HERE THE MATERIAL PROPERTIES SHOWN ABOVE AND THE WELDING FOR THOSE MATERIAL ARE CONSISTENT WITH THE ORDER SPECIFICATIONS THE INFORMATION CONTAINED IN THIS REPORT IS TRUE AND CORRECT TO OUR KNOWLEDGE

HWS W V 10

D-Valves Ltd.
6133 - 97 St
Edmonton, Alberta
Phone (780) 436 5353 Fax (780) 438-7906

Service report on IBOP's (Inside Blowout Preventers) such as Tubing Safety valves and Kellycocks.

Company: Hurley Well Service

Date: February 8, 2011

Rig #:

P.O: RR125085

Work Number: 74715

Serial Number: HWS-SV-12
D2875T-1174

Make: D-Valve Safety IBOP

Size: 2 7/8 EUE

Pressure: 5000

Trim: Nace ☒ Standard ☐

Check Parts Replaced

Labour Performed

- ☒ Seal Kit
- ☒ Stem
- ☐ Saver Sub
- ☐ Ball
- ☒ Stem Bushing
- ☒ Upper Seat Insert
- ☐ Stop Ring
- ☒ Lower Seat
- ☐ Square Seal

- ☒ Dismantle
- ☒ Wash
- ☒ Inspect *
- ☐ Magnaflux
- ☒ Lap Ball
- ☒ Lap Upper Seat
- ☒ Lap Lower Seat
- ☒ Grind Ball
- ☒ Bore Lower Pocket
- ☐ Bore Upper Pocket
- ☒ Bore Stemhole
- ☐ Adjust Stops
- ☐ Recondition Stem
- ☒ Chase Pin
- ☒ Chase Box
- ☒ Assemble
- ☒ Pressure Test
- ☒ Chart
- ☒ Grease
- ☒ Paint
- ☒ Torque

* - Includes measuring all parts and bores, examining all seal areas

We at D-Valves certify that your reconditioned IBOP equipment has been checked and repaired by one of Alberta's best trained repair and manufacturing shops for the purpose of blowout prevention, in accordance with:

American Petroleum Institute (API)
National Association of Corrosion Engineer (NACE), MR-01-75 specifications
Alberta Recommended Practices (ARP)
D-Valves Standards

Authorized Signature: M. Lawrence

Recharge by:



FIRE SYSTEMS & PORTABLE EXTINGUISHERS

Name: H.W.S. FE 12
 Last Recharge Date: 2015 New
 Type: 3016 ABC SP
 Location: GP

Month	Day	Year	Service	Inspected by
05	02	13	Annual Maintenance Pressurized	JTOS
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	

Serial # BT-762039

MONTHLY INSPECTION RECORD	
JAN	
FEB	
MAR	
APR	
MAY	SL
JUN	
JUL	
AUG	
SEPT	
OCT	
NOV	
DEC	

Recharge by:



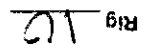
FIRE SYSTEMS & PORTABLE EXTINGUISHERS

Name: H.W.S. FE 15
 Last Recharge Date: 2011 New
 Type: 3016 ABC SP
 Location: GP

Month	Day	Year	Service	Inspected by
05	02	13	Annual Maintenance Pressurized	JTOS
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	
			Annual Maintenance Pressurized	

Serial # AV-221088


MONTHLY INSPECTION RECORD	
JAN	
FEB	
MAR	
APR	
MAY	SL
JUN	
JUL	
AUG	
SEPT	
OCT	
NOV	
DEC	



Fire Extinguisher Inspection Checklist

in-house Annual

[illegible]

Hydro Date 

Deaf, Deaf

777 09

07/0 - 07/0



ProCheck3 Test Results

4/5/2013 11:26:55 AM

Complete SCBA Test

PosiChek3
calibration was up
to date when this
test was
performed.

MSA

Hurley Well Service

L01654

Airhawk 2216

Grande Prairie, AB

SZ209441

Apparatus Tested

Location : Grande Prairie
Other ID : HWS AP13

Auxiliary IDs

Facepiece Ultra Elite
Second Stage SZ209441
First Stage/Reducer HZ208182
Low Pressure Alarm Whistle
Cyl Connector 346
Airline Attachment None
Harness Nylon

Visual Inspection

Facepiece Pass
Backframe/Harness Pass
Cylinder Pass
Low Pressure Warning : Pass
Hoses Pass

Functional Tests

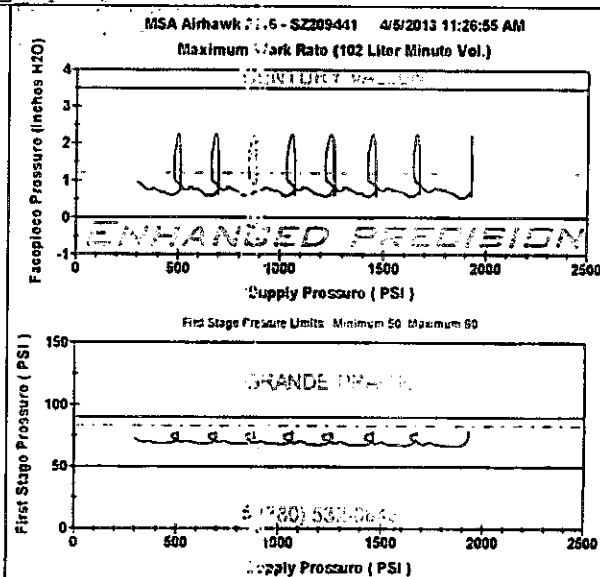
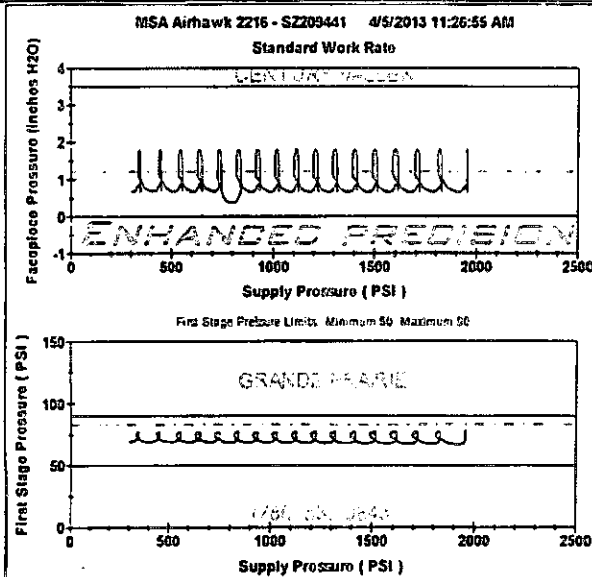
Facepiece Leak Test Pass 0.1 in. H2O
Exhalation Pressure : Pass 1.6 in. H2O
Pressure Gauge Test Pass

500 PSI	1000 PSI	1500 PSI
Pass 541	Pass 924	Pass 1487

Alarm Accuracy Pass 561 PSI
Alarm Ringdown Pass 126 PSI
Static Facepiece Pressure Pass 1.2 in. H2O
Static First Stage Pressure Pass 83 PSI

First Stage Pressure Change Pass 5 PSI

Bypass Test Pass
High Pressure Leakage Pass 3 PSI



Minimum	Maximum		Breathing Results	Minimum	Maximum	
0.4 in. H2O	1.8 in. H2O	Pass	Facepiece Pressure	0.5 in. H2O	2.3 in. H2O	Pass
67 PSI	78 PSI	Pass	First Stage Pressure	66 PSI	79 PSI	Pass

Tested by : Dale Fitzpatrick
Organization : 10203 - 123 Street
EP Grande Prairie, Alberta

Signature

Page 1 of 1

Version 3.26



ProCheck3 Test Results

Complete SCBA Test

4/5/2013 1:21:45 PM

PosiChek3
calibration was up
to date when this
test was
performed.

L01654

MSA
Airhawk 2216
SY098441

Hurley Well Service
Grande Prairie, AB

Apparatus Tested

Location : Grande Prairie
Other ID : HWS AP14

Auxiliary IDs

Facepiece Ultra Elite
Second Stage SY098441
First Stage/Reducer HY261932
Low Pressure Alarm Whistle
Cyl Connector 346
Airline Attachment None
Harness Nylon

Visual Inspection

Facepiece Pass
Backframe/Harness Pass
Cylinder Pass
Low Pressure Warning : Pass
Hoses Pass

Functional Tests

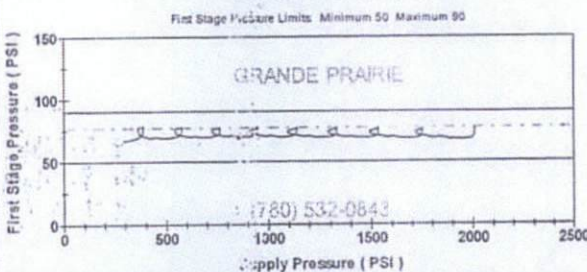
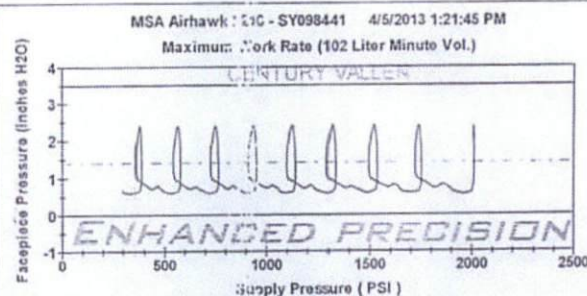
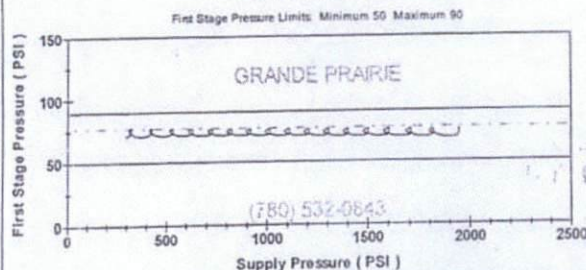
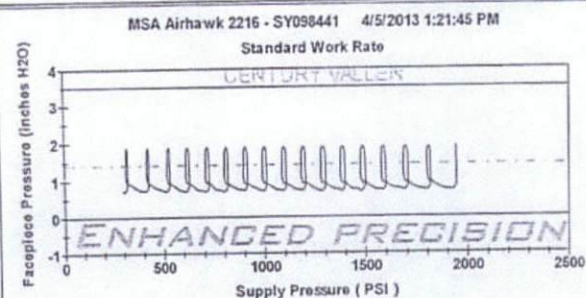
Facepiece Leak Test Pass 0.0 in. H2O
Exhalation Pressure : Pass 1.7 in. H2O
Pressure Gauge Test Pass

500 PSI	1000 PSI	1500 PSI
Pass 509	Pass 951	Pass 1478

Alarm Accuracy Pass 524 PSI
Alarm Ringdown Pass 148 PSI
Static Facepiece Pressure Pass 1.4 in. H2O
Static First Stage Pressure Pass 77 PSI

First Stage Pressure Change Pass 1 PSI

Bypass Test Pass
High Pressure Leakage Pass 3 PSI



Minimum	Maximum		Breathing Results	Minimum	Maximum	
0.7 in. H2O	1.9 in. H2O	Pass	Facepiece Pressure	0.6 in. H2O	2.4 in. H2O	Pass
68 PSI	78 PSI	Pass	First Stage Pressure	67 PSI	79 PSI	Pass

Tested by : Dale Fitzpatrick
Organization : 10203 - 123 Street
EP Grande Prairie, Alberta

Signature

Page 1 of 1

Version 3.26

Certificate of Inspection Permit

HURLEY WELL SERVICE LTD
RR 3 SITE 1 BOX 11

GRANDE PRAIRIE, AB
T8V 5N3

COMPANY CODE: UNIT HWSB03
DESCRIPTION: FIRETUBE BOILER
LOCATION: PORTABLE, GRANDE PRAIRIE
MANUFACTURER: WILLIAMS & DAVIS BOILERS INC

Max. Inspection Interval: 1.00 Yr.

Year Built: 2006

CRN: F6261.2

Serial #: 9415

Volume:

Heating Surface: 37.16 M2

Surface Area:

Pressure Relief Valves

PART	MAX. ALLOWABLE PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
BOILER	1034 KPA	185 C		SV1	1034 KPA	1921 KG/H	BOILER

Terms and Conditions:

Permit Issued by: MONZUR, ABU

Signature: 

NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:

An owner or vendor must notify the Administrator in writing when the pressure equipment identified on this certificate is sold or otherwise disposed of.

The owner or person in charge shall report all accidents involving Pressure Equipment to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.