



## ALCO Machine Works Inc.

6925 - 104 STREET, EDMONTON, ALBERTA  
PH: (780) 435-3502 • FAX (780) 436-1858

August 23, 2001

Viper Rentals & Service Ltd.  
10709 - 95<sup>th</sup> Street  
High Level, Alberta  
T0H 1Z0

### Equipment Certifi

*Equipment: Web Wilson Manual Tong Assembly*

*Model: Type C*

*Serial No.: VRS-9266, VRS-2422*

*T&T Inspection Report No.: 22452*

*Alco Machine Works Inc. W.O.: 31794*

*Engineering File No.: 31794-E*

The above-mentioned tong assembly required a Level IV in Oilwell Drilling Contractors, R.P. 5.0), applicable repairs, ar

T&T Inspections & Engineering Ltd. conducted a magnetic after the tong assembly was completely disassembled and

Repair procedures were developed based on the MP inspe examination performed by qualified personnel with Alco Ma

Based on the final inspection on August 23, 2001, after loa assembly is a safe operating unit and may be returned to s rating and specification.

This certification is valid for a period of 500 operating days, the Canadian Association of Oilwell Drilling Contractors, or damaged either as a result of operation, transportation or h



PERMIT TO PRACTICE ALCO MACHINE WORKS INC.	
Signature	
Date	August 23, 2001
PERMIT NUMBER: P7208	
The Association of Professional Engineers, Geologists and Geophysicists of Alberta	



# INSPECTIONS & ENGINEERING

8022 Coronet Road Edmonton, Alberta T6E 4N9  
Phone: 780-469-9688 Fax: 780-463-9389  
email: ttinsp@telusplanet.net  
NON-DESTRUCTIVE EXAMINATION & ENGINEERING  
24 Hour Service

## CERTIFICATE OF INSPECTION

To: Viper Rentals & Service

T & T # 22452

The undersigned hereby certifies that the following equipment has been inspected

W.W. Tongs                      S/N ALCOLT#010831794 Stamped 22452  
Type C (12 Pieces)                      Rig #  
Tongs VRS#9366, Jaws VRS#2422

strictly in accordance with NONDESTRUCTIVE Examination ASTM-E-709 and the inspection meets the minimum qualification standards for inspectors as set forth in the ASNT-TC-1A.

Date: 08/23/01

Inspector  
C.G.S.B. / A.S.N.T.

9366-1  
9366-2  
2422-1  
2422-2

24 Hour Service  
NON-DESTRUCTIVE EXAMINATIONS & ENGINEERING

**ROSTEL INDUSTRIES**

Date: April 17, 2007  
P.P #: 1019116



9699 Sheppard Road S.E.  
Calgary, Alberta, Canada  
T2C 4K5  
Telephone: 403.720.3999  
Facsimile: 403.720.3636

**Rostel Industries Ltd. Manual Rotary Tong Component Certification**

This is to certify that the Rostel Industries tong components stated below have been manufactured in compliance with Rostel Industries Ltd. Specification and Manufacturing processes, which include the following.

- > Rostel Industries Ltd Castings meet or exceed material requirements as specified by API 7K for operation at -40C.
- > A Proof Load Test
- > A full NDE (Dry Powder method) based on specifications set by Rostel Industries LTD

Description	Part Number (cast)	Heat Number (cast)	Rostel Serial Number (stamped)	Proof load tested in ft/Lbs
RIL-C SHORT JAW	C342-01	R-EYS-2	R-19116-1	18,000
RIL-C SHORT JAW	C342-01	R-EYS-3	<del>R-19116-2</del>	18,000
RIL-C SHORT JAW	C342-01	R-EYS-4	R-19116-3	18,000
RIL-C SHORT JAW	C342-01	R-EYS-5	R-19116-4	18,000
RIL-C SHORT JAW	C342-01	R-EYS-6	R-19116-5	18,000
RIL-C SHORT JAW	C342-01	R-EYS-7	R-19116-6	18,000
RIL-C SHORT JAW	C342-01	R-EYS-8	R-19116-7	18,000
RIL-C SHORT JAW	C342-01	R-EYS-9	R-19116-8	18,000
RIL-C SHORT JAW	C342-01	R-EYS-10	R-19116-9	18,000
RIL-C SHORT JAW	C342-01	R-EYS-11	R-19116-10	18,000
RIL-C SHORT JAW	C342-01	R-EYS-12	R-19116-11	18,000
RIL-C SHORT JAW	C342-01	R-EYS-13	R-19116-12	18,000
RIL-C SHORT JAW	C342-01	R-EYS-14	R-19116-13	18,000
RIL-C SHORT JAW	C342-01	R-EYS-15	R-19116-14	18,000
RIL-C SHORT JAW	C342-01	R-EYS-16	R-19116-15	18,000
RIL-C SHORT JAW	C342-01	R-EYS-17	R-19116-16	18,000
RIL-C SHORT JAW	C342-01	R-EYS-18	R-19116-17	18,000
RIL-C SHORT JAW	C342-01	R-EYS-19	R-19116-18	18,000
RIL-C SHORT JAW	C342-01	R-EYS-20	R-19116-19	18,000
RIL-C SHORT JAW	C342-01	R-EYS-21	R-19116-20	18,000
RIL-C SHORT JAW	C342-01	R-EYS-22	R-19116-21	18,000
RIL-C SHORT JAW	C342-01	R-EYS-23	R-19116-22	18,000

- 9366-2

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*[Signature]*  
Certifying Engineer

Manual Rotary Tong Supervisor

This Certificate is provided subject to Rostel Industries terms and conditions as listed on our Work Order including that condition entitled LIMITATION OF LIABILITY AND WARRANTIES.

Rostel Industries Ltd. manual rotary tongs are NOT to be interchanged with other manufacturers similar tong components. Interchanging Rostel manufactured components with other manufacturers similar components will void any warranty provided by Rostel Industries and may cause the following.

- > Poor operation
  - > Possible component failure which may cause injury to personnel
  - Torque Rating applies only to Rostel Industries Ltd. Manual Rotary tong components that meet the following requirements.
    - > Are in new or as new working condition
    - > Are based on a steady line pull that is level and at right angles to the Lever
- All Rostel Manual Rotary tong components are to be maintained in accordance to CAODC recommended practice 5.0.

Effective Date: October 27 2004