



**Borza Inspections Ltd.**  
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 24 Hour Service

M54415

ISO 9003 - #97-598

**Magnetic Particle Inspection Report**

<b>Customer:</b>  R.S. Machine & Mfg. Ltd. 1207 - 8th Street Nisku, Alberta T9E 7M3		<b>Location :</b> R.S./Viper <b>Item Inspected :</b> As listed below <b>Test Method :</b> ASTM E 709 <b>Acceptance Standard :</b> ASTM E 125	
<b>Date :</b> May 21, 2002 <b>Invoice No. :</b> 67506			
<b>P.O. Number :</b> <b>Job Number :</b> 22237			

**Technique Details**

**BI Procedure No. :** MT-2F

**MPI Equipment:**

Manufacturer : Magnaflux	Serial No. :0802	Type : Y6	Last Calibration : 5/1/02
Manufacturer : Spectroline	Serial No. :1363847	Type : SB 100 PX	Last Calibration : 5/1/02

**Magnetizing Method :**  AC or  DC \*  Continuous or  Residual \*  Prod  Yoke  Coil

**Magnetic Particles :**  Dry (Colour :                      ) or  Wet \*  Fluorescent or  Non-fluorescent  
 Manufacturer : **Magnaflux**                      Type : **14A**

**Surface Condition:**  Clean Bare Metal  As Ground  Machined  Sand Blasted  Painted  Loose Scale Removed

**Inspection Results & Comments**

Item Inspected: (1) Set of AAX Tongs.  
 Final Magnetic Particle inspection was performed on the above listed.

Items tested: (2) hangers, (2) levers, (2) latches, (2) short jaws, (2) long jaws, (2) 4 - 5 3/4" lugs, (8) pins.

**RESULTS: CRACKS WERE DETECTED ON (1) SHORT JAW, (1) LONG JAW, (1) LEVER.  
 ALL DEFECTS MARKED AND NOTED FOR REPAIR.  
 MAY 21, 2002 - REINSPECTION ON THE ABOVE. ALL CRACKS REMOVED BY GRINDING EXCEPT FOR THE (1) SHORT  
 JAW THAT DOES NOT PASS DUE TOO EXTREME CRACKING. NO OTHER RELEVANT INDICATIONS WERE DETECTED @  
 TIME OF FINAL INSPECTION.**

TONGS - VRS - 2419.  
 VRS - 3309.  
 SAWS - VRS 6045 4 1/4" x 5 3/4"  
 VRS. 874 " "

<b>SIGNATURES</b>		BI Job#:
Client Representative	Rudy	
Technician (Sign)	<i>[Signature]</i>	
Technician (Print)	R. Borza	
Assistant (Print)		
<small>* Client Representative's Signature indicates acceptance of report and results.</small>		