Borza Inspections Ltd.
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24 Hour Service

M54415

ISO 9003 - #97-598

Magnetic Particle Inspection Report

Customer:

R.S. Machine & Mnfg. Ltd.
1207 - 8th Street
Nisku, Alberta
T9E 7M3

Location : R.S./Viper
Item Inspected : As listed below
Test Method : ASTM E 709
Acceptance Standard : ASTM E 125

Date : May 21, 2002 Invoice No. : 67506

P.O. Number : Job Number : 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 • ◆ Fluoresent or ◇ Non-fluoresent
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 TO 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 " "

SIGNATURES
Client Representative * : Rudy
Technician (Sign) :
Technician (Print) R. Borza CGSB Level ASNT Level II
Assistant (Print) :
* Client Representative's Signature indicates acceptance of report and results.

BI Job#: