

# Terry Maintenance Services, Inc.

## Inspection Report

### PLEASE FILL OUT THIS FORM IN DETAIL

PLEASE TURN OFF MACHINE AND RESTART BEFORE INSPECTION SO THAT ANY ALARMS THAT ARE PRESENT WHEN POWERED UP WILL BE DETECTED

Inspector: K. WEEKS

Make MORI SEIKI Model SL-603 (1850-1)

Control Model MSX - 500 III

Serial number \_\_\_\_\_ Model Year \_\_\_\_\_

Manuals with machine? Please indicate which manuals are available? Electrical, Programming etc.

ELECTRICAL, MAINT, PROGRAMMING, PARTS LIST (1 CRATE)

Control: Power on: \_\_\_\_\_ Auto Operation: \_\_\_\_\_

Auto cut: \_\_\_\_\_ Total Cut: \_\_\_\_\_

Condition of Control Panel? Buttons, Keys, monitor etc.

NORMAL USAGE

Covers:

Condition of all working covers inside the machine? \_\_\_\_\_

GOOD, NO VISABLE DAMAGE

Condition of the way wipers? GOOD.

Spindle:

Please run the spindle at different rpm's to listen for bearing, belt and motor noise. Note any vibration and describe spindle condition below. If possible please check for spindle run out:

NO NOISE OR VIBRATION

Sub Spindle:

N/A

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Mill Spindle:

OK

Check inside spindles for any cracks, scoring or damage to taper that should be noted:

Axis Repeatability:

Please check and record findings for all applicable axis:

X axis .001" Y axis N/A Z axis .001"

C axis .0015" B axis N/A W axis N/A

Backlash and compensation in control?

X axis \_\_\_\_\_ Y axis \_\_\_\_\_ Z axis \_\_\_\_\_

C axis \_\_\_\_\_ B axis \_\_\_\_\_ W axis \_\_\_\_\_

Axis Noise, Please report any bearing, ballscrew or guide noise

NO NOISE

Compensation findings:

Turrets:

Check indexing and alignment. Please note any concerns:

GOOD WORKING CONDITION

Tool Changer:

Please check to make sure tool changer is in good working order. Please note any missing pockets or issues:

N/A

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Chucks:

Please note any issues with chuck open/close or damage:

OPEN/CLOSE PROPERLY

Tailstock:

Please check tailstock to make sure it is in good working order. Please test body and quill:

QUILL MOVES IN/OUT , BODY MOVES EASILY

Pallet Changer:

Please rotate pallet inside and outside the workspace. Change pallets and report condition:

N/A

Chip Conveyor:

Please run conveyor in forward and reverse to make sure conveyor is working properly. Note any concerns:

WORKS PROPERLY

Coolant:

Please check all pumps to make sure they are working and run coolant to check for leaks for any issues.

N/A COOLANT TAKEN OUT

Tooleye / Presetter:

Please check arm and sensors to make sure they are properly working. Note any problems.

NORMAL

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Electrical Cabinet:

Please check for cleanliness, fan operation etc. and note findings.

GOOD WORKING ORDER

Probe:

Please verify probe system is working and verify tool shank and stylus are present and in good order:

N/A

Hydraulics:

Please make sure hydraulic system is working properly

HYDRAULICS WORKING WELL / NO NOISE

Lube Systems:

Please make sure all ways and any applicable areas are being lubricated properly

WORKING PROPERLY

Miscellaneous items:

Please check the following items if applicable: Part catcher, barfeed and accessories or attachments the machine may have not listed above and note below:

MIST COLLECTOR WORKING

IMPORTANT THIS MUST BE FILLED OUT FOR THE REPORT TO BE COMPLETE: Please note below your over all opinion of condition of machine and any concerns that you feel need to be addressed:

MACHINE IS IN AN OVERALL GOOD CONDITION.