Non-Contact Encoder Inspection Report

Technician		**Cell#**	
Serial Number		**Date**	
Model			

Encoder Manufacturer	
RLS	
Baumer	

1. What Alarm is being generated	
2. When does the alarm occur?	
3. Is the Alarm resettable?	
4**.** Other - Describe the issue:	

Mandatory Troubleshooting	
1**.** Is a Ferrite filter installed on the encoder cable at the Processor end?	
2. Is the encoder cable properly seated on the processor PCB?	
3. Is the encoder cable routed away from the power cable 650 and 650A	
4. Has the ground cable been inspected and firmly secured at the reader heah mounting plate?	
5. Inspect the encoder ring, is the contamination on the face of the ring, if so has it been cleaned?	
6. Is there physical damage on the rings face and/or readers head sensing face?	
7. What is the readhead to ring gap?	
8. is there a 0.02" Shim present?	
9. What is the axial alignment measurement?	
10. Are ferrite filters installed on the Vector Drive output and REGEN cable?	
11. Does the drive have one or three ferrite filters on the output cables, if three, then replace them with one.	
12. Is the green ground cable on the output of the drive routed in the ferrite, if so take it out of the ferrite.	
13. For Alarm 4.103, did you inspect the D-Y contactor assembly?	
14. For Alarm 4.153, did you check the ring's magnetic lines using the magnetic field viewer?	
15. Did you inspect the cable and connector at the read head?	
16. Did you clean the pins with WD40 and add dielectric grease to the connector?	
17. What is the resistance measurement from the readhead connector to the case?	
18. Did you add a star washer to the connector between the jam nut and the case?	
19. What is the resistance between the cable connector and case after adding the washer?	

Notes/Observations:

Attach this report, an error report, and any relevent documentation to a service notification in the Haas Service App.