

METAL DETECTOR DISCOVERY SERIES

Customer : _____ DATE : ____ / ____ / ____

Contact Person: _____

MD Type:

INITIAL CHECKS BEFORE SERVICE

1. Note down all setting before servicing.
2. Test with calibrated test piece and note down metal detection.
3. Check all rubberised sealing in good condition.
4. Check if all glands in good condition.
5. Check if any visible water damage to system.
6. Note down the condition of the conveyor belt.

CHECK CONDITION OF	GOOD	NEEDS ATT.	COMMENTS
Rubberised sealing			
Cable glands			
External Cabling			
Conveyor Belt			
Water Damage to System			
LCD Monitor			

SYSTEM PARAMETERS :

PARAMETERS	BEFORE SERVICE	AFTER SERVICE
NOISE THRESHOLD		
HF AMPLIFICATION		
PHASE		
FILTER ADJUSTMENT		
SENSITIVITY SA		
SENSITIVITY SAC		
PULSE LENGTH		
TRACKING		
SHIFT TIME T1		
REJECTION TIME T2		
TYPE OF REJECTION		
PRODUCT SPEED		
COIL SIZE		
DISPLACEMENT		
COURSE SENSITIVITY		
JOINT MONITORING		
CHANNEL B		
TEST WITH TEST PIECES		
PRODUCT EFFECT MINIMISE		
COMPULSORY REJECTION		
ZERO CROSSING INDIFI		
LIGHT BARRIER SYNC		
PULSER		
RESET KEY		
INTERFACE 1		
INTERFACE 2		
REJECT MONITORING		
PRESSURE CONTROLLER		

Internal electronic check

ABC Board	<u>Voltage in:</u> <u>+5v out:</u>	comments
DSP BOARD	<u>+5V:</u>	comments
CONTROLLER BOARD	<u>+5V:</u> <u>+3V:</u>	comments
POWER SUPPLIES	<u>+24V:</u> <u>+5V:</u> <u>-15V:</u>	comments
I/O BOARDS	<u>MAIN SUPPLY:</u> <u>INPUTS:</u> <u>OUTPUTS:</u>	comments

ENGINEER.....**CUSTOMER.....**

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