



SERVICE REPORT

(Service Hotline) TEL: 01562 749555 FAX: 01562 749514

(Parts Hotline) TEL: 01562 749524 FAX: 01562 749512

(Tooling Hotline) TEL: 01562 749761 FAX: 01562 749513

COMPANY NAME CLYDESDALE JONES			MACHINE TYPE LC3015F1NT4KW		SERIAL NO. 28510130				
CUSTOMER CODE 025265	DATE 06/03/2024	ENGINEER CODE 796	RETRO TYPE		SERIAL NO.				
JOB REFERENCE 0357814	JOB CODE - DESCRIPTION 120 - Machine Service FOC					CONTRACT Contract	COMPLETION Y ☒ N ☐	JOB START 07:45	JOB FINISH 14:00

FANUC LASER SERVICE CHECKSHEET

NC TYPE					
1. M/C FOUNDATION		PASS	☒	FAIL	☐
COMMENTS					
2. LASER OSCILLATOR					
REGULATOR PRESSURES (BAR)	PRI	60	SEC	1.20	
EXTERNAL LEAK	PASS	☒	FAIL	☐	
TURBO/ROOTS OIL BLOWER CHANGED	YES	☐	NO	☒	
VAC PUMP OIL CHANGED	YES	☐	NO	☒	
VAC PUMP FILTER CHANGED	YES	☐	NO	☒	
INTERNAL LEAK CHECK	0.3 TORR/15 MINS				
POWER COEFFICIENT VALUE	1038				
HENE BEAM	PASS	☒	FAIL	☐	
COOLING WATER FLOW	PASS	☒	FAIL	☐	
COOLING FANS OPERATION	PASS	☒	FAIL	☐	
MODE BURN	PASS	☒	FAIL	☐	
POWER - EXIT OF OSCILLATOR (WATTS)	C=	1819	A=	1797	
COMMENTS					
3. INTERNAL MIRRORS					
MIRRORS CLEANED	YES	☒	NO	☐	
COMMENTS					
4. BEAM DELIVERY					
EXTERNAL MIRRORS	PASS	☒	FAIL	☐	
COOLING WATER FLOW	PASS	☒	FAIL	☐	
EXTERNAL BEAM ALIGNMENT	PASS	☒	FAIL	☐	
A/O MIRROR PRESSURE	NA	☐	PASS	☒	FAIL
POWER AT CUTTING HEAD (WATTS)	C=	-	A=	-	
COMMENTS					
5. PNEUMATICS AND ASSIST GASES					
COMPRESSED AIR SUPPLY (BAR)	6.0				
PNEUMATICS SYSTEM	PASS	☒	FAIL	☐	
ASSIST GAS AND CONTROL	PASS	☒	FAIL	☐	
AIR PURGE UNIT	NA	☐	PASS	☒	FAIL
COMMENTS					
6. SRAM/PARAMETER SAVE					
YES		☐	NO	☒	
COMMENTS					
7. HEAD AND MC SETUP					
HEAD CONDITION	PASS	☒	FAIL	☐	
LENS CONDITION	PASS	☒	FAIL	☐	
COMMENTS					
8. ROUTINE MAINT. PROCEDURES					
PASS		☒	FAIL	☐	
COMMENTS					
9. M/C OPTIONS					
WORK CHUTE	NA	☐	PASS	☐	FAIL
CLAMPS/AVOID CLAMPS	NA	☐	PASS	☐	FAIL
SCRAP CONVEYORS	NA	☐	PASS	☐	FAIL
SMOKE SENSOR	NA	☐	PASS	☐	FAIL
NOZZLE CHANGER	NA	☐	PASS	☐	FAIL
OIL SHOT	NA	☐	PASS	☐	FAIL
WACS	NA	☐	PASS	☐	FAIL
EZ CUT UNIT	NA	☐	PASS	☐	FAIL
COMMENTS					
10. AUTOMATION OPTIONS (MP/L/PR/PR-UL/LST/ASL)					
M/C FUNCTION CHECK	NA	☐	PASS	☒	FAIL
MATERIAL LOAD/UNLOAD	NA	☐	PASS	☒	FAIL
PNEUMATIC SYSTEM	NA	☐	PASS	☒	FAIL
SHEET TRANSFER DEVICE	NA	☐	PASS	☒	FAIL
PROX SWITCHES/SENSORS	NA	☐	PASS	☒	FAIL
MACHINE INTERLOCKS	NA	☐	PASS	☒	FAIL
PR PICK ACCURACY	NA	☐	PASS	☒	FAIL
COMMENTS					
11. CHILLER FUNCTION					
PASS		☒	FAIL	☐	
COMMENTS					
12. ELECTRICAL SYSTEM					
NC/APC/SERVO BATTERY REPLACED	YES	☐	NO	☒	
COMMENTS					
13. X,Y,Z DRIVE SYSTEMS					
LOST MOTION	X	0	Y	0	
GRID SHIFT/ORIGIN ACCURACY			PASS	☒	FAIL
LINEAR SCALE	NA	☐	PASS	☒	FAIL
MAGNETS	NA	☐	PASS	☒	FAIL
X-AXIS SYNC ERROR	NA	☒	PASS	☐	FAIL
COMMENTS					
14. M/C FUNCTION TEST					
PASS		☒	FAIL	☐	
COMMENTS					
15. M/C SAFETY DEVICES					
PASS		☒	FAIL	☐	
COMMENTS					
16. PRODUCT CUTTING TEST					
PASS		☒	FAIL	☐	
COMMENTS					
17. LOG BOOK					
NA	☒	YES	☐	NO	☐