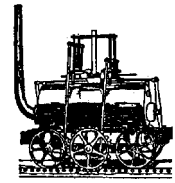


MIDDLETON RAILWAY TRUST LTD

STEAM LOCOMOTIVE EXAMINATION REPORT



Examination C (every 30 days use – to be carried out in steam and cold, as required)

			LOCOMOTIVE No.
No	Item	Tick	Comments
Boiler			
1	Check firebox for water/steam leaks		
2	Remove and inspect fusible plugs, Renew, if necessary (record this)		
3	Check condition of tube ends in firebox		
4	Check firebox stays for breakage, wastage, etc		
5	Check water spaces for scale and sludge		
6	Check smokebox for water/steam leaks and for signs of air leakage		
7	Check tube condition of tube ends in smokebox		
8	Check condition of securing dart for smokebox door		
9	Check blower ring and any other smokebox pipework for condition and security		
10	Check for leaks on all visible seams of boiler, washout plugs, mudholes, etc		
11	Check condition of ashpan and dampers, including linkages		
Fittings & Pipework			
12	Check injectors, whistle, blower, etc for satisfactory operation		
13	Check safety valve for correct operation and record pressure		
14	Check each water gauge for correct operation		
15	Check all pipework and valves for leakage, damage and chaffing		
Cylinders & Motion			
16	Check crossheads for wear, security, including small end fastenings and piston rod cotters		
17	Check slidebars for loose mounting bolts and that all pins and cotters are present and secure		
18	Check connecting rods for security of cotters and retaining screws and wear in bearings		
19	Check Coupling rods for security of cotters and retaining screws and wear in bearings		
20	Check valve gear pins for security, lubrication and general wear		
21	Check reversing lever for wear of quadrant plate and catch.		
22	Check operation of drain cocks and for leakage when closed		
23	Check all glands and covers for steam leakage		

Cont'd

24	Check valves and pistons for excessive steam leakage as an indication of worn or damaged rings and valve faces.		
Brakes			
25	Check brakes for correct operation, adjustment, missing pins and security		
26	Check all brake hangers for wear and security		
27	Check condition of all brake blocks		
28	Check vacuum brake system for correct operation		
29	Check vacuum brake hoses for abrasion and missing sealing rubbers		
30	Check vacuum brake pipework generally for security, damage and leakage		
Frames, Wheels and Axleboxes			
31	Check hornstays for condition and loosenes		
32	Check axlesboxes for general condition and wear		
33	Check frames and stretchers for damage, loose fastenings, cracks, etc.		
34	Check springs for broken or missing leaves and security		
	Check all wheel tyres for condition		
Buffers & drawgear			
35	Check couplings for damage, missing pins and security		
36	Check buffers for damage and security		
General			
37	Check cab and bunker for damage, looseness, etc		
38	Check water tank for damage, looseness, leaks, etc		
39	Check chains on Sentinel locos for condition of split pins and removable link.		
Locomotive suitable for continued service		YES	NO
If no, list work to be carried out before loco can be returned to service			
SIGNED		DATE	