

Turnout Checklist Report

Job Card Details for: TO/2024/11/0395

Inspected By: 450042 (TE)

Inspection Month, Year: 2024-10

Inspection ID: TO

Current Status: Completed

Corridor: Corridor 2-Depot

Inspection Details: Elevated - 4

Inspection Scheduled By: 440002

Inspection Scheduled On: 2024-11-02 12:41:37

Allocated Staff: 450042

Date Of Inspection Planned: 2024-11-02

Station: Depot

Turnout No: 4

Location: 510-460

Direction: Left

Line: Access Track 2

Type of Turnout: 1 in 7 R140

Laid On: 2014-08

Remarks: -----

Particulars	Details of Inspection		
1. General	Status	Remarks	View Image
1. Condition of plinth Slab:	Good		
2. Condition of drainage	Good		
3. Any water stagnation on tracks	No		

4. Any water dripping on rails/fastening	No		
5. Condition of baseplate grouting	Good		
6. Condition of Baseplate / checkrail chair/ special Baseplate	Good		
7. Condition of slide chair baseplate top surface	Good		
8. Any Rail corrosion	No		
9. Any Rail paint peeloff	No		
10. Any rail surface defect	No		
11. Any weld defect	No		
12. Condition of station markings	Good		
13. Condition of turnout sign board	Good		
14. Any rail pad slipped out	No		
15. Any other remarks	No		

2. Switch assembly

16. Condition of Tongue Rails:	RH				LH	
a. Whether chipped or cracked over 200mm length within 1000mm from ATS	No			No		
b. Whether twisted or bent	No			No		
c. Whether knife edges	No			No		

c. Wheel flange edge	NO			NO		
d. Housing of switches with stock rail	Good			Good		
e. any other defects	No			No		
17. Condition of Stock Rails:			RH		LH	
a. Vertical wear			-		-	
b. Lateral wear			-		-	
c. any other defects			-		-	
18. Clearance between open switch and Stock Rail			159		160	
19. Creep at toe of switch			00		00	
20. Centering of anti creep device-Straight			8.7		5.0	
21. Centering of anti creep device-Curve			8.0		5.9	
22. Min. Flange way clearance (min 60mm)			74		81	
23. Condition of slide blocks			Good		Good	
24. Setting of tongue rails on chairs			Good		Good	
25. Condition of fitting of Switches			Good		Good	
26. Straightness of straight stock rail (measured on 10m chord)			+1			
27. Straightness of straight tongue rail (measured on 10m chord)			+3			

RH				LH		
Condition of Rollers						
3						
3. Gauge and XL	Mainline		Turnout			
	G	XL	G	XL		
(a) At 450mm ahead of toe of switch	N	1RL				
(b) 150mm behind toe of switch	+4	1RL	+5	1RL		
(c) At JOH	+6	L	+5	1RL		
(d) Gauge and XL at every Station (3Mtr)						
Station No 3	+3	1LL	+4	L		
Station No 4	N	L	+4	1RL		
Station No 5	N	2RL	+4	2RL		
Station No 6	+2	1RL	+4	L		
Gauge and XL 1m ahead of ANC	+4	1RL	+3	L		
Gauge and XL 150mm behind ANC	+5	4LL	-1	3RL		
Gauge and XL 1m behind ANC	+5	L	-1	L		
Station No 8	+1	1RL	-2	1RL		

Station No 9	N	L	+1	1LL
4. Crossing Assembly				
29. Condition of Crossing				View Image
(a) Sign of propogation of crack (if any)			No	
(b) Burring on top surface at nose			No	
(c) Whether Bent in Nose of crossing			No	
(d) Wear on Nose of Crossing (100 mm from Actual Nose)			00	
			RH	LH
(e) Wear on wing rails			0.3	0.3
(f) Clearance of wing rail opposite to nose of crossing and upto 450mm towards heel end			43	43
30. Clearance of Check Rails as per Annexure I		RH		LH
(a) at the specified distance towards toe		43		42
(b) at the specified distance towards heel		42		43
(c) at the flared end towards toe		61		64
(d) at the flared end towards heel		61		63
31. Lead curviture to be checked:				
By measuring Versines on 6 metre chord				

Stn.	Versine(mm)
0	16
1	29
2	31
3	32
4	32
5	33
6	32
7	4
8	3

5. Turn-in-Curve

32. Curvature to be checked on 6 metre chord (From heel end of crossing to end of turn - in - Curve)

Towards RH side				Towards LH side			
Stn.	Gauge	Cross Level	Versine(mm)	Stn.	Gauge	Cross Level	Versine(mm)
0				0			
1				1			
2				2			

3				3			
4				4			
5				5			
6				6			
7				7			
8				8			
9				9			
10				10			
11				11			
12				12			

Date: 22/04/2025