

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 peelfoff	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 edge	No	No

c. Symmetry of tongue	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				
38 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 propagation of crack (if any) No

(b) Burr 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 curvature 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