

Page 1 of 6	Prevention from climbing of Monkey over Traction Installation structures	No. TI/MI/00056 Rev.03	Effective from- 27.11.2025
-------------	--	------------------------	----------------------------

भारत सरकार, रेल मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS



सत्यमेव जयते

कर्षण संस्थापन निदेशालय
TRACTION INSTALLATION DIRECTORATE

Maintenance Instructions
for
Prevention from climbing of Monkey over Traction Installation structures

ट्रैक्शन इंस्टॉलेशन संरचनाओं पर बंदरों के चढ़ने से बचाव

संख्या: टीआई/एमआई /0056 Rev.03

No. TI/MI/0056 Rev.03

		हस्ताक्षर/Signature
अनुमोदित Approved by	प्रधान कार्यकारी निदेशक (कर्षण संस्थापन) Principal Executive Director (TI)	
अनुशंसित Recommended by	कार्यकारी निदेशक (कर्षण संस्थापन) Executive Director (TI)	

जारीकर्ता / ISSUED BY:

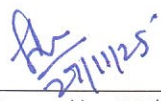
अनुसंधान अभिकल्प और मानक संगठन
RESEARCH DESIGNS & STANDARDS ORGANISATION,
मानक नगर, लखनऊ- 226011
MANAK NAGAR, LUCKNOW-226011

Prepared by: SSE/ TI	Checked by: ADE/TI-2	Issued by: DIRECTOR/TI-2

Page 2 of 6	Prevention from climbing of Monkey over Traction Installation structures	No. TI/MI/00056 Rev.03	Effective from- 27.11.2025
-------------	--	------------------------	-------------------------------

Maintenance Instructions
for
Prevention from climbing of Monkey over Traction Installation structures
MI No. TI/MI/0056 Rev. 03
Revision History:

Amendment number	Total pages (including annexure)	Date of issue
0	4	09.03.2018
1	4	19.11.2018
2	4	18.11.2020

		
Prepared by: SSE/TI	Checked by: ADE/TI-2	Issued by: DIRECTOR/TI-2

Page 3 of 6	Prevention from climbing of Monkey over Traction Installation structures	No. TI/MI/00056 Rev.03	Effective from- 27.11.2025
-------------	--	------------------------	-------------------------------

1. **TITLE:** Prevention from climbing of Monkey over Traction Installation structures.

2. **OBJECTIVE:** To minimize the failures of Traction Installations (OHE, SP/SSP/FP/ TSS) due to climbing of the monkey over High Voltage live structures (Mast, Portal upright, Gantry Mast upright etc.) causing Electrical and Mechanical failures resulting in traffic disruption, loss of material and man hours.

3. **MAINTENANCE INSTRUCTIONS:**

3.1 Following arrangements are suitable to prevent climbing of monkey over Traction Installations structures and should be provided.

3.1.1 Barbed wire frame Arrangement: Annexure-I- Latest revision of Drg. No. TI/SK/OHE /ANTIMON/RDSO/ 00001/08/0.

3.1.2 **Cylindrical Arrangement:**

3.1.2.1 Annexure-II-drawing. Galvanized Steel or Aluminum Cylindrical Drum.

3.1.2.2 Philosophy is to prevent Monkey from gripping structure while climbing.

3.2 Different type arrangements may also be provided within same Railway for comparison.

3.3 These arrangements shall not be provided on ATD locations.

3.4 Arrangement will be provided on identified Monkey Prone Locations/Sections approved by PCEE.

3.5 Provisions of Indian Railways Schedule of Dimensions 1676mm gauge (BG) Revised 2022 with ACS shall not be violated.

4 **MAINTENANCE OF RECORDS:**

For failure analysis, record of locations & date of provision, shall be maintained in the OHE Depot.

5 **AGENCY FOR IMPLEMENTATION:**

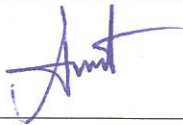
5.1 *Railway TRD Maintenance organization and Project executing agencies CN, CORE, PSU's in consultation with the open line.*

6 **REFERNCES:**

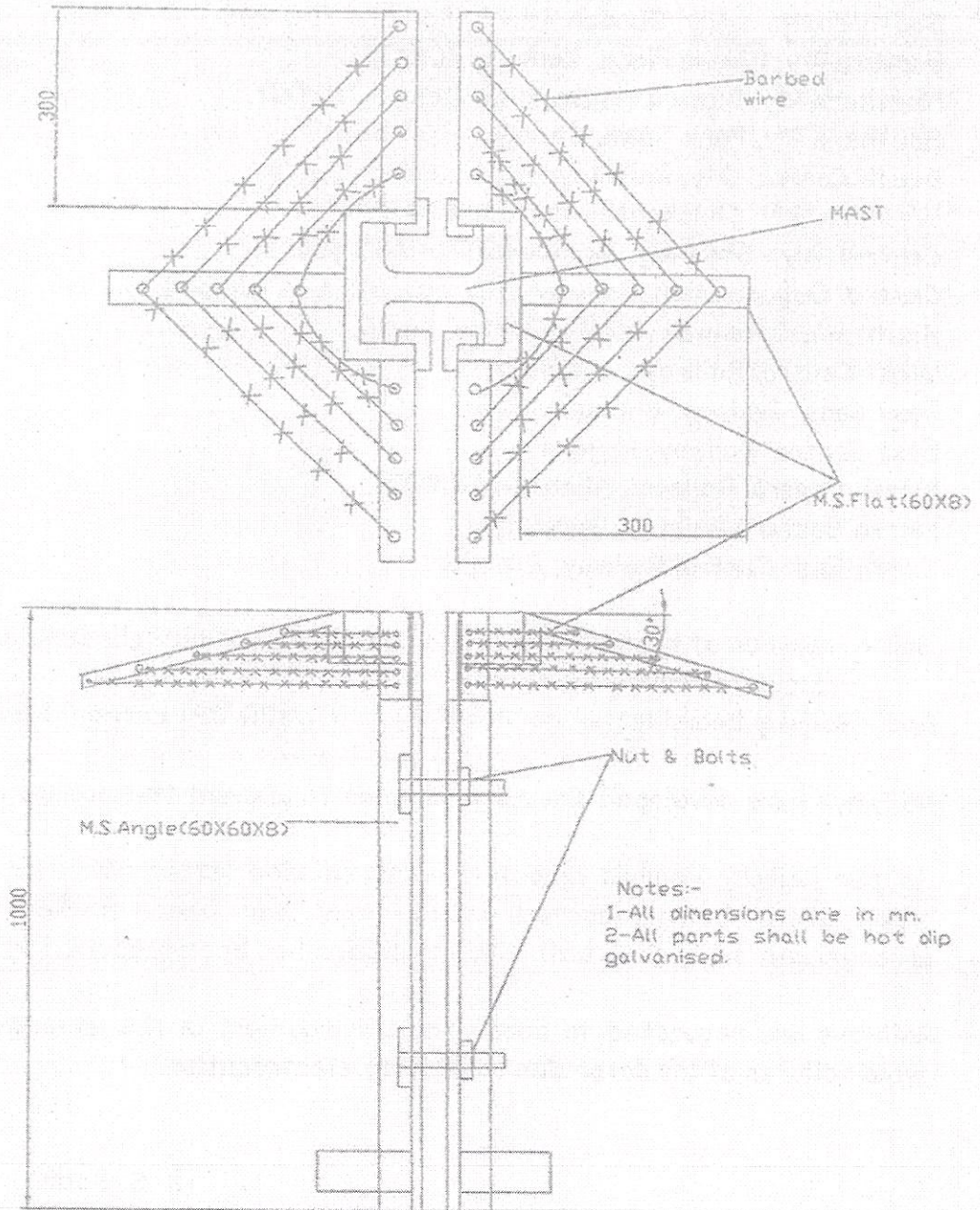
(a) Railway Board letter No.2007/Elect(G)/220/2 Pt-II dated 10.11.2017

(b) RDSO letter No. TI/OHE/GA/2017 dated 09.03.2018.

(c) Railway Board letter No. 2000/EEM/220/1 dated 27.10.2020

		
Prepared by: SSE/TI	Checked by: ADE/TI-2	Issued by: DIRECTOR/TI-2

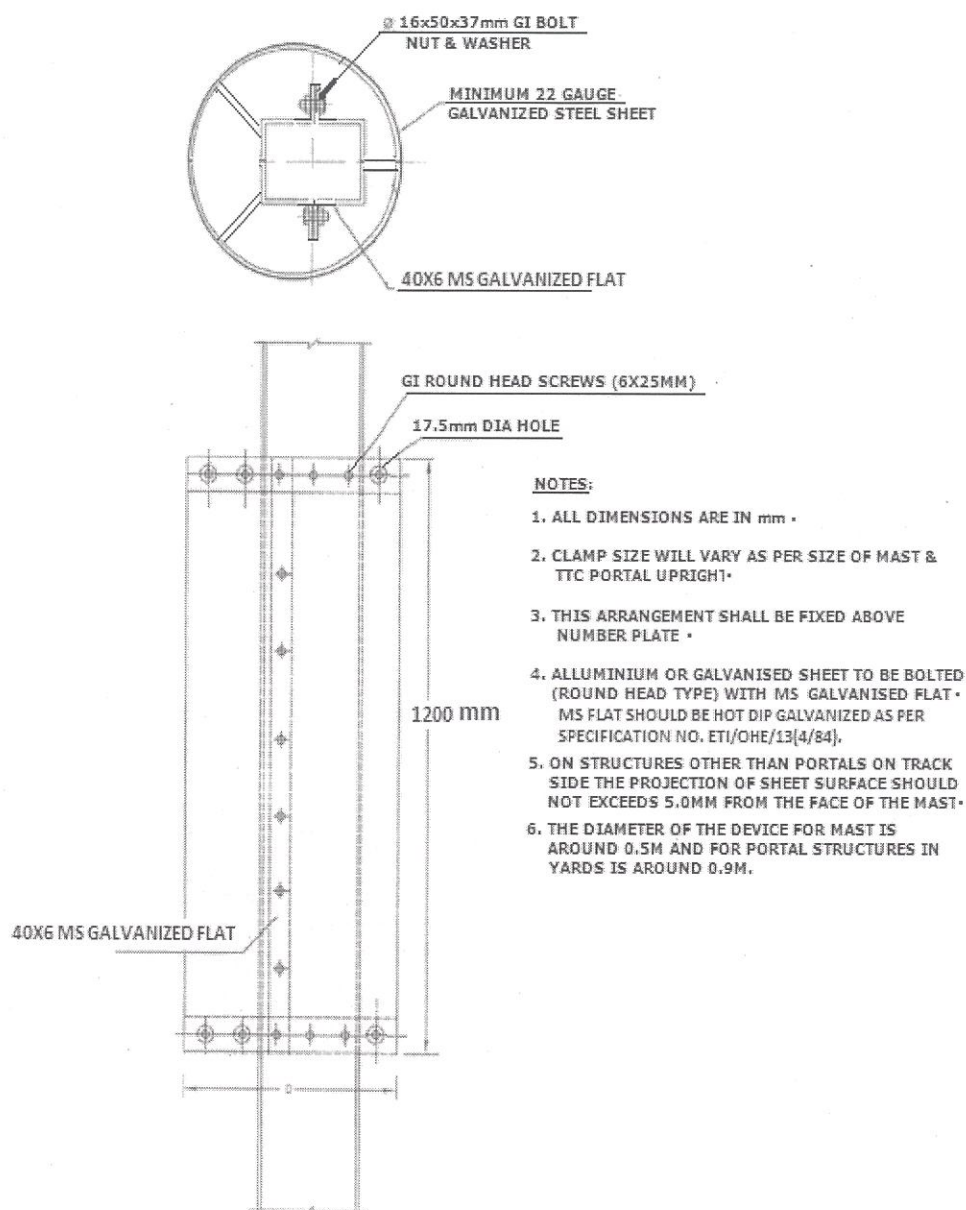
Annexure -I

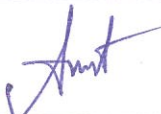


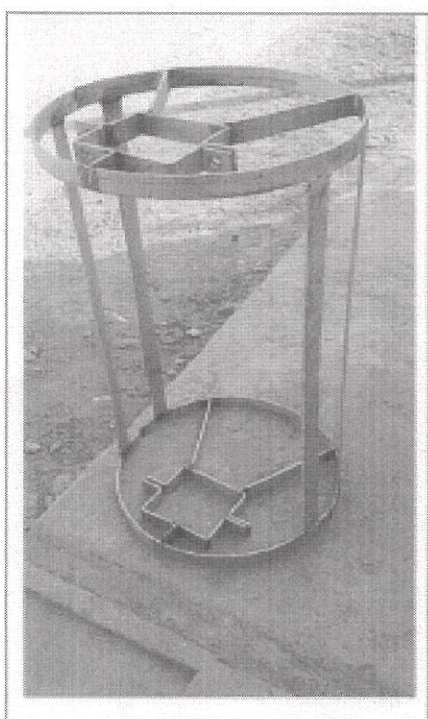
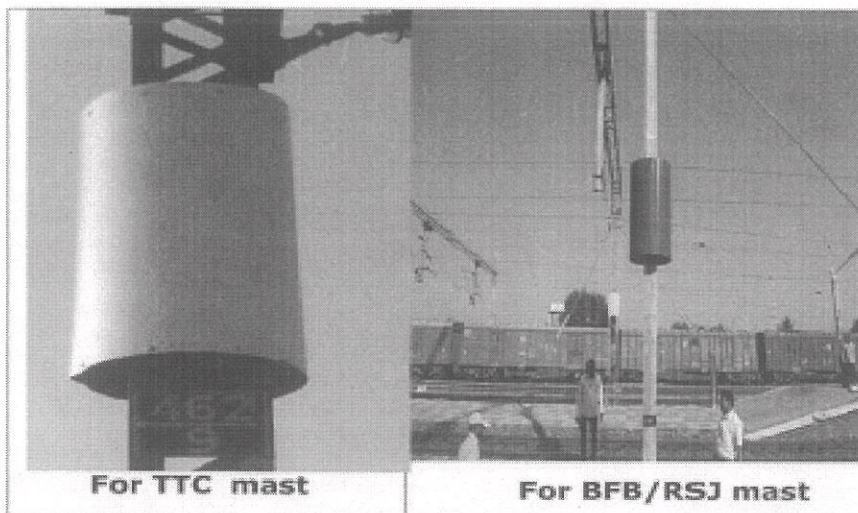
DN	CK	AP	Anti Climbing Arrangement
<i>[Signature]</i> SE/TI		<i>[Signature]</i> DI/MI	Drawing No. TI/SK/QHE/ANTIMON/RDSO/00001/08/0

<i>[Signature]</i> 27/11/25	<i>[Signature]</i>	<i>[Signature]</i>
Prepared by: SSE/TI	Checked by: ADE/TI-2	Issued by: DIRECTOR/TI-2

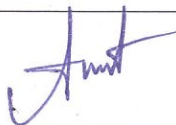
Annexure-II

MONKEY ANTI-CLIMBING DEVICE FABRICATION SKETCH

		
Prepared by: SSE/ TI	Checked by: ADE/TI-2	Issued by: DIRECTOR/TI-2



Internal Construction of the device

		
Prepared by: SSE/ TI	Checked by: ADE/TI-2	Issued by: DIRECTOR/TI-2