

## **Signalling Achievements / Highlights: period from April 2017 to March 2018**

- 1) To increase the sectional capacity in this section 03 Nos. of Intermediate Block Hut in between Hadapsar-Loni, Loni-Uruli and Yevat-Kedgaon of Pune-Daund section have been commissioned.
- 2) Automatic block signalling system (14 Kms.) has been commissioned on 11th March 2018 in between Kamshet-Talegaon sub-urban section of Pune Division.
- 3) Total 04 nos. of Level Crossing gates have been converted from mechanical lifting barrier to Power Operated Electrical Lifting Barrier.
- 4) Total 15 nos. of Sliding booms have been commissioned in Pune Division.
- 5) Reduction in signaling incidences by 31% compared to last year (from 960 in 2016-17 to 659 in 2017-18).
- 6) Panel interlocking (Route setting type) by releasing GE make EI system has been commissioned at Gurmarket station on 04.01.2018.
- 7) New Ultratech Cement siding Phase-II work has been commissioned at Uruli station by construction wing on 27.06.2017.
- 8) Two numbers of new IPS of latest RDSO specification with VRLA batteries of 200AH (55+5 cells of 2V/200AH) installed and commissioned at LC Gate no. 7 (Miraj-Jaysingpur) and 110 (Takari-Kirloskarwadi).
- 9) 02 nos. of Multi Section Digital Axle Counter (MSDAC) of M/s Siemens make (10 DP and 08 Track section) has been installed and commissioned for dual detection of track circuits at Pune CTL and Talegaon stations of Pune Division.
- 10) Total 11 nos. of Earth Leakage detector with RDSO specification no. RDSO/SPN/256/2002 have been provided (8-Channel-06 Nos., 12-Channel-05 Nos.).
- 11) Air-Terminal based Early Streamer Emission Class 'A' Lightening Protection System installed at Shenoli, Takari, Sangali and Rukadi stations (Electronic Interlocking system)
- 12) 13 Nos. of indicative type 'B' and 'C' class surge protection device provided in IPS room viz Sangli, Bhavaninagar, Takari, Bhilwadi, Kirloskarwadi, Kolhapur, Shivajinagar, Pimpri, Khadki, Targaon, Rahimatpur, Satara & Koregaon stations.

- 13) 12 nos. of maintenance free single electrode earthing provided for signaling installations as per RDSO specification No. RDSO/SPN/197 version 1.0 at Chinchwad, Akurdi, Shivajinagar, Kirloskarwadi, Takari and Bhavaninagar, Phursungi, Rajewadi, Jejuri, Nira, Lonand & Salpa stations.
- 14) 08 nos. of maintenance free four electrode ring earth provided for signaling installations as per RDSO specification No. RDSO/SPN/197 version 1.0 at Adarki, Wathar, Satara Alandi, Shindawane, Amable, Daundaj and Walha stations.

As on 31.03.2018