

(भारत सरकार) GOVERNMENT OF INDIA  
(रेल मंत्रालय) MINISTRY OF RAILWAYS  
(रेलवे बोर्ड) RAILWAY BOARD

**No.2022/Sig/CSE's Conf/Incidences****New Delhi, dtd 27.03.25****Minutes of Meeting held by AM/Signal with PCSTEs & CSEs through VC on 24.03.25**

PED/S&T/Dev/RB, PED/S&T/ RDSO, ED/GS and GM/ICT/CRIS also attended VC, following items were discussed:

SN	Items	Action by
1	<b>Earthing and Surge protection Systems</b>	
i	Progress of 03 months drive of earthing & surge protection systems was reviewed, approx. 30% of the systems are having shortcomings. All efforts should be made to make the systems compliant as per extant guidelines, especially in view of approaching monsoon and bring down failures on this account to zero. Action plan should be monitored and implemented in time bound manner.	All PCSTEs
ii	Training/ Counselling including project and construction officials regarding installation/maintenance practices of earthing & surge protection system should be ensured and the technical knowledge gap, if any, should be addressed immediately.	All PCSTEs
iii	Monitoring of OEM's workmanship quality during installation, certification etc. should be ensured for better reliability.	All PCSTEs
iv	Power Supply Scheme and Load calculation for the installations should be carried out during initial stage of project. The actual requirements/ratings of all modules along with redundancies as per extant guidelines/ special requirements should be mentioned in indents/tenders to ensure procurement of right sized product.	All PCSTEs
v	Recently Alamnagar station of Lucknow division, Northern railway has been developed as model station catering	All PCSTEs

	requirements of earthing, bonding, lightning and surge protection. All Zone to adopt similar practices.	
<b>2</b>	<b>Axle counters</b>	
i	Zones suggested to review the design aspects regarding distance between DPs in case of dual DACs to address the issue of failures of wheel rocking.	PED/S&T/RDSO
ii	The issue of nut-bolts loosening in case of clamp type fixtures of DACs resulting into frequent need of maintainance should be examined and suitable solutions to be developed.	PED/S&T/RDSO
iii	Implementation of TSAA for DAC systems issued recently by RDSO, to be ensured.	All PCSTEs
iv	Analysis of failures of both systems of dual DACs and frequent resetting cases should be conducted regularly and corrective action taken to improve reliability.	All PCSTEs
v	Improvements suggested by RDSO to improve reliability in case of MSDAC of Eldyne, Siemens make and HASSDAC of GGT make need to be implemented in time bound manner.	All PCSTEs
<b>3.</b>	<b>Sealing of Point Machines</b>	
	Targets sealing of point machines as per CR practice should be completed before onset of monsoon.	All PCSTEs
<b>4.</b>	<b>SMMS</b>	
i.	Correctness of data entry- Asset details, In-charges and cause of failure, etc should be ensured.	All PCSTEs
ii	Morning Conferences and failure discussions should be done through SMMS for effective utilisation. HQ officials should conduct random checks. Suggestions if any, may be communicated to CRIS.	All PCSTEs GM/CRIS
iii	Updating the gear details in case of replacements/ alterations/ new commissionings should be ensured.	All PCSTEs
iv	UDM has been interfaced with SMMS, same may be utilised for raising of waranttee clause in case of defective products and other features.	All PCSTEs
<b>5</b>	<b>RDPMS</b>	
i	Suitable dashboard like SMMS to be developed for uniformity	All PCSTEs

	across OEMs. RDSO to issue guidelines and Zones to monitor during implementation.	PED/S&T/RDSO
ii	Upgradation of existing installations as per new FRS to be closely monitored by field staff.	All PCSTEs
iii	Updating the gear details in case of replacements/ alterations/ new commissionings should be ensured.	All PCSTEs
iv	The issue of Codal life of IoT Sensors to be addressed	PED/S&T/RDSO
v	The Acceptance test format for different components and sensors of RDPMS to be issued.	PED/S&T/RDSO
6	<b>Completion drawings and Miscellaneous</b>	
i	Availability of all completion drawings at stations is still an issue of concern, to be ensured. NR may please get it checked for USBRL section.	All PCSTEs
ii	Description writing and painting to be regularly updated particularly in case of modifications / alterations. Compliance of RB's letter dtd 26.12.2024 may be sent.	All PCSTEs
iii	Meggering of cables overdue on some of the zones may be completed as per given targets. Requirement of blocks /disconnections should be adequately incorporated in Rolling Block Plan.	All PCSTEs
iv	The provisions for interlocked LC gate working should be as per typical circuits and commensurate with corresponding SWR/ GWR. Emergency provisions to be facilitated as per IRSEM.	All PCSTEs
v	Replacement of electrolytic capacitor in identified modules of EI (MEI633) system should be got done through OEM to enhance reliability.	All PCSTEs
vi	Issues of relays referred by zones specially manufactured during 2021 to 24 need to be analysed and corrective action taken.	PED/S&T/RDSO
vii	S&T SORs still not issued/ updated by certain zones. This should be completed in next 03 months on priority.	All PCSTEs

viii	Extant instructions regarding quality audit of signalling installations should be strictly adhered.	All PCSTEs
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(रामेश्वर मीना)/ (Rameshwer Meena)

कार्यकारी निदेशक(सिगनल)/Executive Director (Sig)

**Copy forwarded for information & necessary action to:**

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GM/ICT/CRIS