East Central Railway

Signal & Telecommunication Department

Policy Circular No. 02/2023

Corrigendum Policy Circular no.- (02A/2023)

Sub: Use of VRLA Batteries for IPS in Signalling.

Ref: RDSO Director/Signal L.No. STS/E/Cell Secondary/VRLA, Dtd: 04.01.2011

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Competent authority has approved the following for use of **VRLA batteries** for the IPS at all signalling installation in ECR like IBS, Stations, LC gates, ABS etc. in place of LMLA batteries.

(i) In future, 2V VRLA batteries duly stacked in metallic tray should be used for all installation like IBS, Stations, ABS, LC gates etc. All procurement/replacement cases where tender has not been processed on the date of issue of this policy may be aligned with this policy.

(ii) It is advised to plan the supply of IPS and VRLA batteries so that the same is installed within 6 month of supply. However, if this does not happen because of any reason, freshening charge should be given to the VRLA battery every six month.

(iii) Feeder cable from battery to charger 120AH-10sq.mm, 200AH-16sq. mm & 300AH-25sq.mm needs to be ensured.

(iv) Availability of 5 no. of spare cell in charged condition at site should be ensured.

(v) Temperature compensation needs to be ensured for VRLA battery.

(vi) IRS specification of VRLA battery i.e. IRS:S 93/96 with Amd.1, where Do's and Don't prescribed needs to be strictly followed by the field units.

All future requisitions for procurement of batteries should be initiated as per the above policy. This policy shall be effective with immediate effect.

This issued with approval of PCSTE/ECR.

RAJEEV KUMAR

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(Rajeev Kumar)
Dy.CSTE/Sig
***for* GM(S&T)/ECR/HJP**

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