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MODIFICATION SHEET No. WAM4/6A

Title of modification

Shifting of power transformer cable to accommodate braking excitation transformer (ATFEX) cables.

Purpose of modification

As per revised layout of electrical equipment, ATFEX is to be shifted (Modification Sheet No. WAM4/5A) from its existing position near MV T2 to its new position near the Ba1 panel. Since there is no extra space available in the trench for accommodating 4 additional ATFEX cables (each of size 225 mm<sup>2</sup>), the existing power transformer cables are to be run in the transformer well instead of cable trench.

Modification Drg. No.

RDSO SK EL 2380.

Work to be carried out

- 1 Four power transformer cables viz. Nos. AG23, BG 23, CG24 and DG24, running between transformer terminals at a5, a6 and Ba2 panel, are to be shifted from the cable trench and run along the transformer well inside the HT compartment and then to Ba2 panel.
- 2 Four ATFEX cables of size 225 mm<sup>2</sup> Nos. AG26, BG26, CG22 and DG22 are to run in the cable trench from the new position of ATFEX to Ba2 panel.

Execution of work

This modification is to be carried out on first 50 locos by the Railways during IOH/POH. CDM has already implemented this modification from 51st locomotive onwards.

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