



भारत सरकार / GOVERNMENT OF INDIA
रेल मंत्रालय / Ministry of Railways
दक्षिण मध्य रेल्वे/ South Central Railway



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Sr.DEE/ELS/LGD, KZJ, BZA
Sr.DEE/TRSO/SC & BZA, Sr.DEE/TR/GTL
Sr.DME/DSL/KZJ, GTL, GY & MLY
Sr.DME/HYB, GNT & NED
DME/DSL/BZA

Sub: System improvements measures to be implemented in sand contracts -Reg.

PCEE/SCR has accorded approval for the System improvements measures to be to be implemented in sand contracts by the Sheds, TRSO units & Mechanical power branches. A copy of system improvement measures is enclosed at Annexure for strict adherence.

Encl: As above.

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28/03/2024

System improvements measures to be implemented in sand contracts

1. Tender description for the subject item to be mentioned as "Supply of sand of grain size 850/425 micron for use in the locomotives" as per the Specifications IS: 1987/2002, Grade 'C' and AAR M-916-51.
2. The following tests shall be conducted for the suitability of sand before acceptance.

| Sl. No. | Type of test | Specification to be followed |
|---------|-------------------|--|
| i | Sieve Test | IS:1987/2002 - Grade 'C' and grain size 850/425 micron |
| ii | Clay content Test | IS:1987/2002- Grade 'C' |
| iii | Caking Test | AAR M-916-51 |
| iv | Solubility Test | AAR M-916-51 |

3. Failure of sand during testing shall be treated as rejected.
4. All Electric loco sheds and TRSO units of all divisions shall ensure the receipt of Delivery challans, Tax invoices along with supply of material.
5. Contractor shall submit the documentary evidence regarding payment of Royalty, Seigniorage charges and other mandatory levies to State Government. If contractor does not submit any documentary evidence for the payment of Royalty, Seigniorage charges and other mandatory levies then the charges at the prevailing rates shall be deducted while passing the bills.
6. For the consignees, where Depot code is available, details of receipts /issues of sand shall be entered in the User Depot Module (UDM). And if Depot code is not available then consignee shall make entries in the Daily Material Transaction Register (DMTR) which shall be signed by the shift supervisor or in-charge of that unit, till they obtain the depot code and credentials for UDM as per the Para 1819 & 3.62(a) of codal provision in stores code volume-II & stock verification manual respectively.
7. At crew changing point or lobbies, locomotive numbers in which sand is filled and No. of sand bags filled shall be recorded in a designated register along with appending joint signature of the loco pilot and on duty CC whereas at Trip sheds & Loco sheds entries shall be recorded duly signed by the shift in-charge of PPIO/Trip Shed.
8. Sand for use in the locomotive sanders can be procured either through works contract or stores. Filling of sand and/or minor attention of sand gears may be included in the scope of work of the Sand contracts.
9. Every lot of sand supplied by the contractor directly to any point i.e. Loco shed, Trip shed, Lobby, Crew changing point etc. shall be subjected to inspection and testing as mentioned above vide Sl.No.2.
10. Sand shall be supplied in sealed polythene bags, preferably of 25Kg.