

दक्षिणमध्यरेलवे / SOUTH CENTRAL RAILWAY



मुप्रधि/निर्माण/कार्यालय **Construction/Office,**
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No.W.Con.496/PL/C/T&C/XIX/Vol.IX/Steel Usage

Dt.23.03.2022

**Dy.CE/C/I, III & IV/SC, NZB, KZJ, KZJ-II, NED, AK, BZA, GNT, TPTY, GTL,
Dy.CPM/WCSP/SC**

Sub:- Usage of steel in Construction Projects- System Improvement- Reg.

Ref:- 1) CVO/Engg./SC Lr.No.G.265/PC/2020/12/00869 dt.21.01.22.
2) PCE/SC Lr.No.SCR-HQ0ENGG(SOR)/1/2020-Dy CE/WORKS/SCR
dt.06.03.2020
3) PCE/SC Lr.No.SCR-HQ0ENGG(SOR)/22/2019-Dy CE/WORKS/SCR
dt.15.03.2022

During a preventive check conducted by Vigilance Branch in one of the ongoing doubling projects, it was found that reinforcement steel of most common diameters manufactured by other than Primary Producers of steel (PPS) have been used, which is in violation of tender conditions. Further, no independent testing has been done on such steel at reputed private / govt. laboratories or Engg. Colleges as stipulated by agreement conditions. In addition, three Consecutive CC bills have been passed, wherein bill passing and bill checking authorities have failed to check the aspect of usage of unbranded steel.

In view of the above, the following guidelines on usage of reinforcement steel and structural steel, have been prescribed for strict implementation with immediate effect:

- a) All Reinforcement Steel (TMT Bars) and Structural Steel shall be procured as per specifications mentioned in BIS's documents – IS: 1786 and IS: 2062 respectively. Independent tests shall be conducted for physical & mechanical properties, chemical composition at reputed private/Govt. laboratories (or) Engineering colleges to ensure that the materials procured conform to the specifications. If the steel is found to be not confirming to relevant provisions, the entire steel lot represented by the tested sample shall be rejected. It shall be ensured that a bill copy along with manufacturer's test certificate is submitted at the time of supply of material.
- b) The reinforcement steel and structural steel shall be procured from the following firms, circulated as per sl. no. 4 & 39 vide PCE/SC's office letter under ref.(2) above, which are Established, Reliable, Indigenous & Primary Producers of Steel, having Integrated Steel Plants (ISP), using iron ore as the basic raw material and having in-house iron rolling facilities, followed by production of liquid steel and crude steel, as per Ministry of Steel guidelines.

S.No.	Brand	Make
1	SAIL	Steel Authority of India Ltd
2	VIZAG	Rastriya Ispat Nigam Ltd
3	TISCO	TATA Steel Ltd
4	JSW	JSW Steel Ltd

The same has been re-iterated vide ref.(3) letter above, wherein, it was stated that there is already an approved list of vendors.

- c) However, only certain isolated sections of structural steel, not being rolled by ISPs, can be procured from the authorized re-rollers of ISPs or authorized licensee of BIS having traceability system and who use billets produced by ISPs. The traceability of the material shall be ensured by an officer authorized by the concerned CE/C on case to case basis for this purpose.

This is issued with the approval of CAO/C/SC.


Dy.CE/C/Genl-I/SC

- Copy to: (i) CVO/Engg./SC for information.
(ii) CE/C-I,II,III,IV,V,VI,P&S for information.