



दक्षिण मध्य रेलवे

SOUTH CENTRAL RAILWAY

प्रमुख मुख्य इन्जिनीर कार्यालय/ PCE's Office

कार्य शाखा/ क / Works Branch

रेल निलयम / Rail Nilayam

सिकंदराबाद / Secunderabad

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दिनांक /Date. 05.08.2024

CAO/C/SC,

CPM/ GS/ SC, BZA, GTL, GNT, HYB & NED,

Sr. DEN/Co-Ord/SC, BZA, GTL, GNT, HYB & NED,

Dy.CE/EWS/LGD, Sr.DEN/LGDS, Dy.CE/TM/Lines/BZA, Dy.CE/RYPs.

Sub: System improvement in regard to arriving weights in Structural Steel Works – Reg.

Ref: Dy.CVO/Engg letter No. G.265/V/E/2023/12/01428 dt. 02.05.2024.

Vigilance vide letter under ref. above informed that during preventive checks conducted on structural steel works in one of the division, it was noticed that "the triangular rib plates are used and paid as overall square dimensions".

As per Para 10.3.5 of CPWD Specifications – 2019, ***"Unless otherwise specified, weight of cleats, brackets, packing pieces, bolts, nuts, washers, distance pieces, separators diaphragm gussets (taking overall square dimensions) fish plates etc., shall be added to the weight of respective item....."***

As per this provision, taking overall square dimensions has to be considered for payment for gussets, Rib plates etc., where the wastage of the material occurs due to the shapes and the remaining portion of material is not useful.

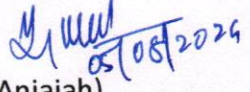
In the instant case, as pointed by Vigilance, the triangular rib plates were used in pairs. As the pair of triangular ribs can be made from one square piece only and there is no wastage, actual measurements of the gussets / rib plate etc., are to be paid as per the approved drawing.

In this connection, the following system improvement guidelines are issued for adoption uniformly while arriving weights of Gusset plates / Rib plates etc.

"Weight of the gussets/Rib plates etc. shall be paid as per the approved drawings for the actual sizes, if the gussets/Rib plates etc. are of triangular / regular shape where there will be no wastage of the steel."

This applies to all such cases for payment of structural steel members while using CPWD DSR items, USSOR items etc"

This issues with the approval of PCE.


(N.Anjaiah)
Dy.CE/Works

Copy to:

Secy. to PCE for kind information of PCE,

SDGM, CAO/RSP, DRM/ SC, BZA, GTL, GNT, HYB& NED,

CTE, CGE, CBE, CPDE, CE/Works, CE/TP, CE/TM, CE/RSW, CE/SD for kind information please.

Dy.CE/Track-I, Dy.CE/Track-II, Dy.CE/LM, Dy.CE/TM, Dy.CE/TP, Dy.CE/SD, Dy.CE/Br.Designs, Dy.CE/P&D for information.

Dy.CVO/Engg/SC for information W.r.to his lr.dt 02.05.2024