



East Central Railway

Office of the
General Manager (Engg.)
Hajipur

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PCE's Circular No. – 41/2011/WORKS

Subject – Steel Inspection Register of Section Engineer/works

Please find enclosed “PCE's Circular No. – 41/2011/WORKS” on “Steel Inspection Register of Section Engineer/works” in reference to Railway Board letter no. 2010/CE-I/BR/FOB dated 02/06/10.

For information and further necessary action at your end.

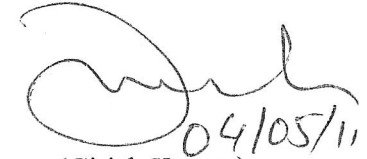

04/05/11
(Girish Kuamr)
Dy Chief Engineer/Works

Docket No. – W-2/118/09/WORK POLICY/CE-CIR/

Date 04/05/11

Circulation :

1. CAO/Con/N, CAO/Con/S/MHX for information Pl.
2. DRM/DNR, DHN, MGS, SPJ & SEE for information Pl.
3. FA & CAO/ECR/HJP
4. Sr. DEN/(Co-ord)/DNR,DHN,MGS, SPJ & SEE for information and necessary action.
5. All HODs, /Engg Deptt/ECR.
6. ZTC/MFP


04/05/11
(Girish Kuamr)
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Subject – Steel Inspection Register of Section Engineer/works

It has been observed that defects entered in 'Steel Inspection Registers' are continuing without getting attended for many years. Therefore, it has been decided by this Railway that following certificates are to be recorded in the Steel Inspection Register by Assistant Engineer, Divisional/ Sr Divisional Engineer and Territorial HOD as per Railway Board letter no. 2010/CE-I/BR/FOB dated 02/06/10. These instructions are in addition to the existing provisions of Para 228 of IRWM.

Certificate by Assistant Engineer:

Assistant Engineer after scrutiny of the entries in steel inspection register every year during prescribed months would record the following certificates at the end of the register:-

"I certify that I have gone through the entries in the steel inspection register and have issued orders in writing to the inspectors concerned for the rectification of defects except the following for which instructions are requested."

Certificate by Divisional Engineer / Sr. Divisional Engineer & Sr. DEN Co-ordination:

With above certificates, steel inspection register shall be submitted to Divisional Engineer / Sr. Divisional Engineer then to Sr. DEN Co-ordination, who would scrutinize the entries made therein, issue orders and would record following certificates at the end of the register:-

"I certify that I have personally scrutinized this register and inspected steel structures referred to me by AEN and have issued orders regarding all essential points requiring a decision by me. The following points are submitted to the Territorial head of the department for orders."

Scrutiny by Territorial HOD and action thereon :

The registers should be then forwarded to the Territorial HOD by 15th February, who will examine each register, issue orders regarding matters referred to him duly endorsing the registers to the effect and return them to the Division latest by 15th March. Subsequent action taken on the Territorial HOD's orders should be entered in the register by the Assistant Engineers.

Schedule of Inspection and scrutiny of structural steel work by supervisors, Assistant Engineers, DEN/Sr.DEN's and THOD (prescribed as per para 228 of IRWM):

Periodical Inspection -

a) Every structure on the Section/Sub-division shall be inspected in detail by the Section Engineer (Works)/ Assistant Engineer as indicated below:-

	By Sectional Engineer	By Assistant Engineer
i)Structures such as workshops, running sheds, platform covers and foot over bridges	One a year during 16 th March to 15 th May and compliance to be recorded.	One fifth every year on a programme basis from October to November. Register as certified above to be submitted to Division by 16 th December.
ii) Cast iron, wrought iron or pressed steel plate water tanks and stagings, whether of steel sections or rails.	Once a year on a programme basis from 16 th March to 15 th May and compliance to be recorded.	To be inspected as required and Register as certified above to be submitted by 16th December to Division.
iii) Structures with roof trusses	-do-	10% to 20% test check inspection under each group during inspection as above
iv) Other structures in which timber, rail or steel work is used to support any part of the structure.	-do-	-do-
v) Tie rods of arched roofs excluding jack arches.	-do-	-
vi) Wrought iron or mild steel tanks on sleeper cribs at temporary watering kilometerages.	-do-	-

(b) The Section Engineer (Works) shall record results in ink in the structural steel and timber work inspection register in the form given in Annexure 2.9. and submit the same by the prescribed date to the Assistant Engineer who should scrutinise the entries, issue such orders as deemed necessary, with a copy to sectional Engineer, certify as above and send the

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register to DEN/SR. DEN by 15th January. The section Engineer (Works) shall accompany the Assistant Engineer on the latter's inspection of structures carried out during the prescribed period.

DEN/Sr. DEN shall scrutinize the entries, issue such orders as deemed necessary, with a copy to AEN and Sectional Engineer each, certify as above and send the Register to Sr. DEN Co-ordination for items requiring his decision. Prompt action shall be taken to carry out repairs required.

Sr DEN Co-ordination shall scrutinize the entries, issue such orders as deemed necessary for the items referred to him and requiring his decision, with a copy to DEN, AEN and sectional Engineer (works) each, and shall certify as above and send the register to Territorial HOD by 15th February.

Above should be read in conjunction with provisions in para 228, 229 & Annexure 2.9 of IRWM.

Manoj Kumar
4/5/11

(Manoj Kumar)
Principal Chief Engineer
ECR