



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport and Highways)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075

G-5 & 6, Sector-10, Dwarka, New Delhi-110075

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No. 11041/218/2007-Admn

Dated: 12.08.2013

Policy Matter-Technical (141/2013)

(Decision taken in 156th Meeting of EC held on 24.7.2013)

Sub: Use of steel of original producer in NHAI projects.

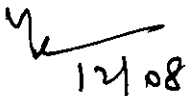
Circular No.11018/30(2)/2006/PQ-Steel dated 5.12.2011 and its corrigendum dated 8.12.2011 (copies enclosed) for use of different brands of steel in NHAI projects is hereby withdrawn.

2. It is clarified that the term used as original producer of steel shall be as mentioned in 5th revision of "Specification for Road and Bridges Works" of MoRT&H, as given below:-

"All steel shall be procured from 'Original producers' who manufacture billets directly from iron ores and roll the billets to produce steel conforming to IS: 1786. No re-rolled steel shall be incorporated in the works."

3. Definition of original producer as mentioned in clause 1009.3.1 of 5th revision of "Specification for Road and Bridges Works" of MoRT&H be provided in all future contracts and concession agreements irrespective of EPC and PPP mode of execution.

4. This issues with the approval of Executive Committee.


12/08
(V.K. Sharma)

Chief General Manager (Coord)

To

All officers and employees of HQ/ROs/PIUs/CMUs/Site Offices

(सडुडुय नानडुडुय नानडुडुय नानडुडुय)

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G-5 & 6, Sector-10, Dwarka, New Delhi-110075

No.11018/30(2)/2006/PQ-Steel Circular

Dt. 05.12.2011

To

All Regional Officers/

All Projects Directors.

Sub: Use of different brands of steel in NHA Projects.

Sir,

The matter relating to use of steel of different brands was discussed 02.11.2011 in the Executive Committee. It was noted that the MoRTH specifications (Cl.1009.3) specifies that the producers of steel should be "original producers" and no re-rolled steel should be used. It was further noted that no specific definition of "original producers" is available in any of the official documents/ specifications. A reference has already been made to MoRTH to issue clarifications in this regard and have the specifications amended suitably. However, it was considered necessary to issue directions for bringing clarity for use of steel in NHA projects until directions are issued by MoRTH. The matter was deliberated in details considering all aspects viz. contractual, quality, durability of structures, MoRTH/ IRC specifications and following decisions were taken:

a) For on going Contracts/ Concession Agreements

Reinforcing steel shall be procured as per the existing specifications and guidelines of MoRTH under Clause 1009.3, IRC 84-2009, BIS 1786 and NHA Policy Circular 66/2010 dated 16th August, 2010. No re-rolled steel shall be permitted in NHA works.

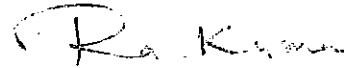
b) For future Contracts/ Concession Agreements.

Reinforcing steel shall be procured only from "Primary Steel producers" having integrated plant. As per Ministry of Steel, "Primary Steel Producers are those who produce steel using iron ore as the basic raw material/ input. It therefore, includes in-house iron making followed by production of liquid steel and crude steel with/ without in-house rolling. So all Integrated Steel Plants (ISPs) adopting BF-BOF route and major producers adopting Corex-BOF or DRI-EAF or MBF-EAF technology would fall under this category." No re-rolled steel shall be permitted in NHA works. All other specifications and guidelines of MoRTH and other specifications and guidelines of MoRTH and BIS 1786 shall be complied.

2. Check lists for (a) and (b) above are enclosed for compliance by SCs/ ICs and PDs in this regard. A copy of checklist duly filled by them along with recommendation are required to be sent to QA Divn (copy to TIC Divn.) for necessary action at their part.

3. In order to ensure quality of reinforcing steel as per check list, random samples shall be collected from proposed steel plant by QA Cell of NHAI and got tested independently. All expenses in this regard shall be met in accordance with provisions under the Contract/Concession Agreement.

Yours faithfully,



(Dr. Ram Kumar)

Chief General Manager (TIC)

Encl: Check list.

Copy to :

1. All Members)
2. All CGMs) NHAI Headquarters.
3. All GMs)

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग विभाग)

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फ़ोन नं. : 01-11-25071100/25071101

फ़ैक्स नं. : 01-11-25090307 / 25090308

No.11018/30(2)/2006/PQ-Steel Circular

Dt. 08.12.2011

CORRIGENDUM

Sub: **Use of different brands of steel in NHAI Projects.**

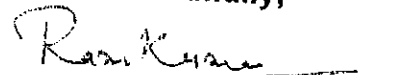
This is reference to TIC Divn. letter No. No.11018/30(2)/2006/PQ-Steel Circular dated 05.12.2011. The paragraph (a) and 2 may be read as follows:

a) **For on going Contracts/ Concession Agreements**

Reinforcing steel shall be procured as per the existing specifications and guidelines of MoRTH under Clause 1009.3, IRC 84-2009, BIS 1786 and NHAI Policy Circular 66/2010 dated 18th August, 2010. No re-rolled steel shall be permitted in NHAI works.

2. Check lists for (a) and (b) above are enclosed at Annexure-I and Annexure-II respectively for compliance by SCs/ ICs and PDs in this regard. A copy of checklist duly filled by them alongwith recommendation are required to be sent to QA Divn (copy to TIC Divn.) for necessary action at their part.

Yours faithfully,


(Dr. Ram Kumar) 8/12/11

Chief General Manager (TIC)

Encl: Check list. (Annexure I & II)

To

1. All Regional Officers/
2. All Project Officers.

Copy to :

1. All Members)
2. All CGMs) NHAI Headquarters.
3. All GMs)

Check-list for Identification of Integrated Plant for Original Producer for Procurement of Steel

Sl No.	Item	Yes/No. Give details wherever is required.
1.	Details of procurement of billet (a) Give source of procurement of billet (SAIL/TATA/Jindal/RINL) (b) Quantity in MT (c) Invoice from the Source of procurement of billet	
2.	Integrated Plant having units/machinery for producing sponge from iron ore, billet and steel in one plant. If yes, (d) Give location and address of plant and its Registration No. (e) Capacity of plant producing (iv) Sponge (v) Billet (vi) Steel (MT/year)	
3.	For steel making, Integrated Plant is adopting BF-BOF route/ Corex-BOF/DRI-EAF technology.	
4.	Quality Management System Certificate – ISO 90001:2008/ISO 14000/OHSAS 18001:2007	
5.	Product Manufactured (Fe-415/415(D)/Fe 500/500(D))	
6.	In-house Testing Facility as per BIS specification for Chemical composition and physical properties (a) XRF Spectrometer (b) Servo controlled computerized Universal Testing Machine	
7.	BIS approval of product, details	

Note: Steel shall be procured only approved integrated plant and lot for which invoice from the approved plant shall be required for the quantity supplied.

Check-list for Identification of Integrated Steel for Primary Producer for
Procurement of Steel

Sl No.	Item	Yes/No. Give details, wherever required
1.	Owner of Iron Ore: If yes. (a) Give name of owner (b) Give location of Iron Ore	
2.	If no, (a) Give source of procurement of Iron Ore (b) Quantity in MT	
3.	Integrated Plant having units/machinery for producing sponge from iron ore, billet and steel in one plant. If yes. (a) Give location and address of plant and its Registration No. (b) Capacity of plant producing (i) Sponge (ii) Billet (iii) TMT Steel (MT/year)	
4.	For steel making, Integrated Plant is adopting BF-BOF route/ Corex-BOF/DRI-EAF technology	
5.	Quality Management System Certificate – ISO 90001:2008/ISO 14000/OHSAS 18001:2007	
6.	Product Manufactured (Fe-415/415(D)/Fe 500/500(D)	
7.	In-house Testing Facility as per BIS specifications for Chemical composition and physical properties (a) XRF Spectrometer (b) Servo controlled computerized Universal Testing Machine	
8.	BIS approval of product, details	

Note: Steel shall be procured only approved integrated plant and lot for which invoice from the approved plant shall be required for the quantity supplied.

Check-list for Identification of Integrated Steel for Primary Producer for Procurement of Steel

Sl No.	Item	Yes/No. Give details, wherever required
1.	Owner of Iron Ore. If yes, (a) Give name of owner (b) Give location of Iron Ore	
2.	If no, (a) Give source of procurement of Iron Ore (b) Quantity in MT	
3.	Integrated Plant having units/machinery for producing sponge from iron ore, billet and steel in one plant. If yes, (a) Give location and address of plant and its Registration No. (b) Capacity of plant producing (i) Sponge (ii) Billet (iii) TMT Steel (MT/year)	
4.	For steel making, Integrated Plant is adopting BF-BOF route/ Corex-BOF/DRI-EAF technology	
5.	Quality Management System Certificate – ISO 9001:2008/ISO 14000/OHSAS 18001:2007	
6.	Product Manufactured (Fe-415/415(D)/Fe 500/500(D)	
7.	In-house Testing Facility as per BIS specifications for Chemical composition and physical properties (a) XRF Spectrometer (b) Servo controlled computerized Universal Testing Machine	
8.	BIS approval of product, details	

Note: Steel shall be procured only approved integrated plant and lot for which invoice from the approved plant shall be required for the quantity supplied.