

No. N-11019/11/2019-HFA-V-UD-Vol-I (FTS-9064637)

Government of India
Ministry of Housing and Urban Affairs
(HFA-V Division)

Room No. 3, Technical Cell, Gate No. 7,
Nirman Bhawan, New Delhi-110011,
Dated: 20.07.2021

OFFICE MEMORANDUM

Sub: **Minutes of the 5th meeting of the PMC under the Chairmanship of Secretary (HUA) held on 16.07.2021 at 3.00 PM through Video Conferencing to review the progress of construction of LHPs at six locations in six States under GHTC-India - reg.**

The undersigned is directed to forward herewith the minutes of the 5th meeting of the Project Monitoring Committee (PMC) under the Chairmanship of Secretary, Ministry of Housing and Urban Affairs held on 16.07.2021 at 3.00 PM through Video Conferencing (VC)/Physical mode in Room No.123-C, Nirman Bhawan, New Delhi to review the progress of construction of Light House Projects (LHPs) at six locations in six States under Global Housing Technology Challenge – India (GHTC-India) for information and necessary action.


(B.K. Mandal)

Under Secretary to the Government of India

Tel: 23063285

E-mail: clsshfa5@yahoo.com

Encl.: As above.

1. DG, CPWD, 101-A, Nirman Bhawan, New Delhi-110011
2. ED, BMTPC Core 5-A, First Floor, India Habitat Centre, Lodhi Road, New Delhi-110003, E-mail: ska@bmtpc.org, shailesh.agrawal@gov.in
3. Principal Secretary (Urban Development), Government of Uttar Pradesh, Bapu Bhawan, Lucknow-226001, Tel: 0522-2239467 E-mail: cc.urbandev@gmail.com
4. Principal Secretary, Government of Madhya Pradesh, Urban Development and Housing Department, Palika Bhawan, Shivaji Nagar, Bhopal-462016, Tel: 0755-2552356, E-mail: psuaddmp@mpurban.gov.in
5. Secretary (UD & Housing), Government of Jharkhand, HEC Project Bldg. Dhurva, Ranchi-834004, Tel: 0651-2400962, E-mail: ud.secy@gmail.com
6. Principal Secretary, Housing and Urban Development Department, Government of Tamil Nadu, 3rd Floor, Namakkal Kavizar Mailiagai, St George Fort, Chennai-600009, E-mail: hud@tn.gov.in, Tel: 044-25670516
7. Secretary (Housing) Government of Gujarat, Gandhinagar-382010, Tel: 079-23251037, E-mail: securban@gujarat.gov.in

8. Special Secretary (UDD), Government of Tripura, Civil Secretariat, New Capital Complex, Agartala-799001, Tel: +91 381 241 3318, E-mail: kirangitteias@gmail.com
9. All the Mission Director (PMAY) of the concerned LHP State
10. All the concerned SLNA constituted for PMAY-U
11. All the concerned ULB/Development Authority
12. Shri Rajan Bandelkar, Vice President, NAREDCO, GA - 1, Court Chambers 35, New Marine Lines, Mumbai-400020, Maharashtra, E-mail: rajanbandelkar@gmail.com, naredco.m@gmail.com
13. Chairman, CREDAI, B900 Shapath IV, Opposite Karnavati Club, SG Highway, Ahmedabad, Gujarat, E-mail: renuka.nair@savvygroup.in, jaxay@savvygroup.in

Copy to:

1. M/s Malani Construction Co., Malani Complex, 58-Kotechanagar, Kalawad Road, Rajkot-360001, Gujarat, Site address, TP-32-Raiya, FP-63/10, Raiya Road, Near STP, Rajkot, Gujarat
2. M/s Mitsumi Housing Pvt. Ltd., The First, D-1108, 11th Floor, Behind Keshavbaugh Party Plot, Vastrapur, Ahmedabad-380015, Gujarat
3. M/s JAM Sustainable Housing LLP, C-1103, The First, B/H Keshavbaugh Party Plot, B/H ITC Hotel, Vastrapur, Ahmedabad-380015, Gujarat
4. M/s KPR Projectcon Pvt. Ltd., 17, RAM PLAZA, Navshakti Chowk. Bhabha Nagar, Nashik-422011, Maharashtra
5. M/s B G Shirke Construction Technology Pvt. Ltd., 72-76, Industrial Estate, Mundhwa, Pune-411036, Maharashtra
6. M/s SGC Magicrete LLP, 702, CTS No. 39 A and 39 B.S.V. Road, Near Andheri Sub-way, Andheri (West), Mumbai-400058.

Copy for information to:

1. Sr. PPS to Secretary, MoHUA
2. Sr. PPS to AS (H&V), MoHUA
3. PPS to JS&MD(HFA), MoHUA
4. PA to Director (HFA-V), MoHUA

Minutes of 5th Project Monitoring Committee (PMC) meeting held on 16.07.2021, under the Chairmanship of Secretary, Ministry of Housing and Urban Affairs (MoHUA) to review the progress of Light House Projects (LHPs) under Global Housing Technology Challenge – India (GHTC-India).

The 5th meeting of PMC was convened on 16.07.2021 to review the progress of construction of LHPs at six locations under the Chairmanship of Secretary, MoHUA in Room No. 123-C, Nirman Bhawan through video conferencing/Physical mode. Representatives of six State Governments namely Tripura, Jharkhand, Madhya Pradesh, Uttar Pradesh, Gujarat and Tamil Nadu; concerned Urban Local Bodies, Construction Agencies of LHPs and other PMC members including the representatives of BMTPC, NAREDCO, IIT Indore, IIT Kharagpur, participated in the meeting. The list of Participants is enclosed at **Annexure-I**.

2. At the outset, JS&MD (HFA) welcomed the participants and made a brief presentation on the current status of the construction activities at six LHPs. JS&MD showed concern about slow progress of work at all sites since the last review by Hon'ble Prime Minister on 3rd July, 2021. There has been significant mismatch between the work committed by the agencies and actual progress at site. It was decided that henceforth agencies would submit work plan on fortnightly basis which will be strictly monitored online and through site visits.

3. During the State-wise presentation on the progress of LHPs following points were discussed:

- a. **LHP Chennai, Tamil Nadu:** The Committee observed that the superstructure work is in progress in all 12 towers at different stages and internal works on 10 towers has also started. The sample flat is almost completed. The agency informed that superstructure work of all buildings will be completed by September end. However, due to winter rains the external infrastructure work may be affected due to which they would be able to complete the project by March 2022. The Chairman emphasized that they should plan their activities in such a manner that progress is least affected during winter rains and project is completed by December 2021.
- b. **LHP Rajkot, Gujarat:** While reviewing the progress of the project, Committee showed concern on the very slow progress since last review on 3rd July, 2021 including the commitment made during the last PMC meeting held on 9th June, 2021 to complete one tower in 26 days. The agency committed to complete two building blocks by 15th August, 2021 and next two blocks by 25th September, 2021. Agency assured to start road work, drainage works from August 2021. Construction Agency also committed to complete the building work by January 2022 and entire project by March 2022. The agency was advised to review its work schedule and complete the project by December 2021.
- c. **LHP Indore, Madhya Pradesh:** The Committee observed that there is no significant progress at site which needs to be expedited. The agency informed that they are mobilizing the resources and by 25th July, 2021, Pre-engineered steel structure would start arriving at site and skeleton of all towers would be completed by August end. All external infrastructures work except STP and roads would also be completed by September end and complete the entire project by December 2021. As regards the time schedule, the Municipal Commissioner, Indore informed that they have taken stock of the situation and would work and provide full support to the construction

agency to complete the construction work by November 2021. The agency also informed that 'Technograhis' have started visiting the site. The Chairman emphasized that construction of model house and plantation at site would attract beneficiaries and build their ownership.

- d. **LHP Lucknow, Uttar Pradesh:** It was observed that work is not progressing as per the desired timeline. The State Government also indicated about slow progress of the project. The agency informed that 50% of the superstructure work of three blocks would be completed by end of August. Parallely, agency will also work on infrastructure such as community hall, STP plant, solid waste management plant, sewer line etc. They would be able to complete the project by January 2022. However, the agency was advised to complete the project by December 2021 which was agreed to by the construction agency.
 - e. **LHP Agartala, Tripura:** It was observed by the Committee that the Pile foundation work is very slow currently. The agency informed that the piling work was affected due to site condition and heavy rains. The agency informed that fabrication of pre-engineered steel structure has started and will be reaching at the site by August end, the superstructure work will start. The State Government informed that construction agency is working day & night and piling work of four blocks is in progress and likely to be completed by end of July. They also informed that all the labours working for the project will be vaccinated. The agency informed that project would be completed by March 2022. The Committee advised to deploy additional resources so as to complete the project in committed timeline.
 - f. **LHP Ranchi, Jharkhand:** The Committee noted that the encumbrance free land has been handed over to the agency. However, the various statutory approvals/NOCs need to be expedited to compensate for the lost time. In this connection, it was informed by the State Government that Building plan has been approved and communication has been made for EIA clearance. The agency informed that setting up of precast yard has started and in eight months they will be able to complete all the buildings. As regards the additional land requirement for casting and stacking, State Government assured all cooperation to the agency for smooth progress of the project. The Chairman directed the State Government to take all possible measures to resolve additional land issues and expedite approvals and clearances.
4. **Few common issues raised by the construction agencies are as follows:**
- a. The agencies informed that they are facing problem in procuring the steel reinforcement of approved brands due to non-availability and erratic supply, which is hampering the progress of work.
 - b. It was also noted that the Ministry of Steel vide GoI letter No. S-20027/13/2020-Tech dated 12th January, 2021 addressed to the MoHUA (**copy attached at Annexure-II**) clarifies that Ministry of Steel does not support any classification of steel producers in terms of Primary producer and Secondary producers and have insisted upon the use of BIS certified steel only.
 - c. In this regard, it was noted that as per clause 15.0 of the contract agreement regarding approved makes, the materials of any other brand/manufacturer may be proposed for use by the Construction Agency in case the brands specified are not available in the market and/or Construction Agency intends to use some other



brand better than the brands mentioned in this list. The alternate brand can be used only after the approval of Competent Authority.

- d. In view of the recommendations of Ministry of Steel, erratic supply/non-availability of sufficient quantity and being time bound prestigious important project, the Committee agreed to allow use of ISI marked TMT steel complying with IS:1786:2008 and other relevant Indian Standards in Light House Projects.
 - e. However, the brands approved by the concerned State Government will only be allowed. Further, all the reinforcement steel brought to the site will be tested in accordance to IS 1786:2008 and other applicable standards for TMT bars before use in construction as per the conditions of the contract agreement.
 - f. The Chairman also directed that the visit of 'Technograhis' to the LHP site may be organized from the month of August 2021 onwards.
5. The meeting ended with a vote of thanks to the Chair.



Annexure-I: List of Participants

S. No.	Name and Designation	Name of the Organisation
1.	Shri Durga Shanker Mishra, Secretary, MoHUA - Chairman	Ministry of Housing and Urban Affairs (MoHUA)
2.	Shri Amrit Abhijat, Joint Secretary & Mission Director (HFA)	
3.	Shri R.K. Gautam, Director (HFA-V)	
4.	Shri Shailesh Kumar Agrawal, ED	Building Materials and Technology Promotion Council (BMTPC)
5.	Ms. Vijaya Jadhav, Mission Director (PMAY-U)	Government of Jharkhand
6.	Shri Mukesh Kumar, Commissioner, Ranchi Municipal Corporation	
7.	Shri Shankar Yadav, Deputy Commissioner, Ranchi Municipal Corporation	
8.	Shri Shailesh Priyadarshi, Assistant Director (UD&HD)	
9.	Shri Rajan Kumar, SLTC Expert	
10.	Shri Tamal Majumder, Director, Directorate of Urban Development Department	Govt. of Tripura
11.	Shri Mihir Gope, Chief Planner	Govt. of Uttar Pradesh
12.	Shri Alok Singh Additional Director, SUDA	
13.	Shri Bhavin Patel, Project Coordinator, Affordable Housing Mission	Govt. of Gujarat
14.	Ms. Alpana Mitra, City Engineer, Rajkot Municipal Corporation	
15.	Shri Harsh Patel, Municipal Civil Engineer, Affordable Housing Mission	
16.	Shri Nikunj Kumar Shrivastava Commissioner, UADD	Govt. of Madhya Pradesh
17.	Shri Rohit Singh, Mission Director/ Addl. Commissioner, UADD	
18.	Shri G S Saluja, Superintending Engineer	
19.	Ms. Pratibha Pal, Commissioner, Indore Municipal Corporation	
20.	Shri Elam Bahavath, JMD, TNSCB	Govt. of Tamil Nadu
21.	Shri Selvamani, Executive Engineer, TNSCB	
22.	Prof. Ravi Sinha	Indian Institute of Technology (IIT) Bombay



23.	Prof. Subrata Chattopadhyay	Indian Institute of Technology (IIT) Kharagpur
24.	Prof. Manish Kumar Goyal	Indian Institute of Technology (IIT) Indore
25.	Prof. Yogendra Singh	Indian Institute of Technology (IIT) Roorkee
26.	Prof. Ajay Chourasia	CBRI, Roorkee
27.	Prof. G. Narahari Sastry	CSIR-NEIST, Jorhat
28.	Shri Major Gen Padmanaban, CEO, CUBE	CUBE-IIT, Madras
29.	Shri Umesh Kumar	
30.	Shri Imran Ali Khan	
31.	Shri C N Jha, Dy. Chief	Building Materials and Technology Promotion Council (BMTPC)
32.	Shri Pankaj Gupta, Dy. Chief	
33.	Shri Sharad Gupta, Dy. Chief	
34.	Shri Dalip	
35.	Shri Dibakar Debnath	
36.	Shri Manish Kumar, Consultant	Project Management Unit (PMU) of HFA, MoHUA
37.	Shri J.K. Prasad, Consultant	
38.	Shri Manish Kumar-2, Consultant	
39.	Shri Naveen Rai, Consultant	
40.	Shri Abhishek Mishra, Consultant	
41.	Ms. Pooja Bhatt, Consultant	
42.	Ms. Surbhi, PSP	
43.	Shri Rajesh Goel	NAREDCO
44.	Shri Rajan Bandelkar	
45.	Shri Sumit Bhatia	
46.	Shri Yogesh Aychitte, SRAM	M/s B.G. Shirke Construction Technology Pvt. Ltd.
47.	Shri B.G. Sangale	
48.	Shri B L Kale	
49.	Shri Siddhartha Sharma	M/s SGC Magicrete LLP
50.	Shri Vitrang Sampura	
51.	Shri Manoj Malani	M/s Malani Construction Co
52.	Shri Ajay Shah	M/s Mitsumi Housing Pvt. Ltd.
53.	Shri Vishrut Shah	
54.	Shri Kapil Dev Sharma	M/s Jam Sustainable Housing LLP
55.	Shri Rakesh Koladiya	
56.	Shri Kashinath Kinge	M/s KPR Projectcon Pvt. Ltd.
57.	Shri Ratan Singh Choudhary	M/s Rising Japan Infra Group
58.	Shri Sudhir Kumar	M/s Novel Assembler Private Limited
59.	Shri Saurabh Shiradhonkar	
60.	Shri Ashwin Kumar	
61.	Shri Dinesh Kumar Patel	

F.No. O-17024/6/2021-ADMN-V-UD

Computer No: 9102104

भारत सरकार / Government of India

आवासन और शहरी कार्य मंत्रालय / Ministry of Housing and Urban Affairs
(Admn. V Section)

Nirman Bhawan, New Delhi 110011

Dated: 27.01.2021

OFFICE MEMORANDUM

Subject: Guidelines for procurement of Steel regarding.

The undersigned is directed to circulate Ministry of Steel D.O. letter No. S-20027/13/2020-TECH dated 12.01.2021 on the above subject for information and necessary action.



(N.K. Sinha)

Under Secretary to the Govt. of India

E-mail - nk.sinha30@gov.in

To,

1. Head of all Attached and Subordinate Offices of MoHUA
2. Head of all Autonomous & Statutory bodies of MoHUA
3. Head of all PSUs of MoHUA

1688497/2021/O/o JS (UPA)

अपर सचिव

Rasika Chaube

Additional Secretary



सत्यमेव जयते



भारत सरकार
इस्पात मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF STEEL

D.O. No. S-20027/13/2020-TECH

Dated: 12th Jan, 2021

Dear Sir,

→ रसिका चाबुबा / C.R. SECTION
उप सचिव एवं कार्यालय सहायक
Ministry of Steel
E-1683943
Date: 13-1-21
भेजा गया / Sent on: 13-1-21

I would like to bring to your kind notice that Ministry of Steel has been receiving representations from the SME steel producers regarding certain guidelines for procurement of steel, issued by various user organisations, which are discriminatory to the SME steel producers.

2. One such guideline by CPWD, has stipulated that TMT bars produced by steel manufacturer using iron ore as the basic raw material and having BF-BOF route, COREX-BOF route and DRI - EAF (having EAF of capacity 100 MTPA or more) shall only be eligible (copy enclosed). Another guideline issued by MoRTH recently, stipulates that steel products should be produced from iron ore and not from shredded scrap or DRI (copy enclosed).

3. Ministry of Steel would like to clarify the following on the aforementioned issue:

- Ministry of Steel does not support any classification of the steel producers in terms of "primary producers" or "secondary producers".
- Routes of steel production have no bearing on the quality of the steel produced as long as these are produced as per the relevant standards.
- Use of raw material such as Iron Ore, Scrap or DRI also have no bearing on the quality of the steel produced as long as these are produced as per the relevant standards. Even in Blast Furnace high proportion of processed material such as pellets & sinters are used in place of lump iron ore.
- Use of scrap in steel making is being encouraged as it promotes recycling and leaves less carbon footprint. In the countries such as US & EU most of the steel is produced from scrap. DRI is used as a substitute of scrap in steel making in India and abroad where scrap is not available at competitive rates. Use of these raw materials in producing steel in no way lowers the quality of steel produced, when steel is produced as per the specification of the relevant standards. Further, size of the furnace also does not have any bearing on the quality of the steel produced.
- Issuance of the Steel Quality Control Order by Ministry of Steel, has made adherence to BIS Standards mandatory for most of the steel products produced, both from large & small producers.
- Concerns of quality of steel can be addressed by the user industry by insisting on BIS certified steel products.

4. You are therefore requested to sensitize the organisations under the administrative control of your Ministry and ensure that suitable changes are made in the internal procurement guidelines. This will help in addressing the long pending grievance of the SME steel producers.

With regards,

Yours sincerely,



(Rasika Chaube)

Shri Durga Shanker Mishra
Secretary,
Ministry of Housing and Urban Affairs
Nirman Bhawan, Maulana Azad Road,
New Delhi-110011

Encls: as above.

1688497/2021/01/CHS (UPA)



RW/NH-34066/09/2017-S&R (B)
GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT & HIGHWAYS
S&R -(Bridges)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated: 28.10.2020

To

1. The Chief Secretaries of all the State Governments / UTs.
2. The Principal Secretaries / Secretaries of all States / UTs Public Works Department dealing with National Highways, other Centrally sponsored schemes.
3. The Engineers-in-Chief and Chief Engineers of Public Works Department of States/UTs dealing with National Highways, other Centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhavan, Ring Road, Delhi 110010.
5. The Chairman, National Highways Authority of India, Plot G-5 & 6, Sector-10, Dwarka, New Delhi 110075.
6. The Managing Director, NHIDCL, PTI Building, Parliament Street, New Delhi 110001.

Sub: Reinforcing Bars: Clause 1009.3.1 of Ministry's Specifications for Road and Bridge Works-regarding.

Sir,

The grade and other parameters of the reinforcing bars to be used for plain, reinforced or pre stressed concrete works on National Highways has been specified in Clause 1009.3.1 of Ministry's Specifications for Road and Bridge Works. This Clause also prescribe that the steel shall be procured from original producers. In case, the original producers are unable to supply the steel within the required time period or they are not producing the reinforcing bar of required size /diameter, the supply from other producers are also allowed, provided the reinforcement is manufactured from billets procured from Original producers.

2. Ministry has received various representations from the manufacturers / associations that secondary producer/other producers, who produce steel reinforcement from billets with technical parameters conforming to IS: 1786, unable to supply the steel for National Highways works due to aforesaid Clause 1009.3.1 of Ministry's Specifications for Road and Bridge Works. Moreover, Ministry of Steel vide their Order No.4 (13)/2016-SD (I) dated 9th August, 2016 has also excluded the distinction between Primary (Original) & Secondary (Other) steel producers.

3. The matter has been considered in the Ministry and it has been decided that steel reinforcement manufactured by the Secondary (Other) producers are also permitted for National Highway works provided the reinforcement bars are manufactured from the billets.

4. As such, the 2nd and 4th para of Clause 1009.3.1 of Ministry's Specifications for Road and Bridge Works shall be amended as per following:-

2nd Para

"All steel shall be procured from 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. The steel shall also be procured from other producers provided it is manufactured from the billets made directly from iron ores and not from shredded scrap and sponge iron as basic feedstock. In such cases, the other producers will have to submit the proof of purchase such as GST, Invoice etc from the billet producers to establish that billets are made directly from iron ores and have been procured from them. The steel shall be got tested by the Engineer in the NABL affiliated laboratories only as a third party check. It shall be ensured that all the test results conform to IS: 1786."

P.T.O

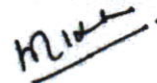
4th Para

"For the steel procured from producers who manufacture billets directly from iron ores also, the Engineer/Employer may carry out checks on materials through third party as mentioned above, for conforming to the test results shown in the certificates so as to ensure the quality of steel supplied."

5. The contents of this Circular may please be brought to the notice of all the Concerned in your Organization for strict implementation. This circular will be implemented from the date of its issuance.

6. This issues with the approval of the Competent Authority.

Yours faithfully,



(Jitendra Kumar)

Superintending Engineer-S&R(Bridges)
For Director General (Road Development) & SS.

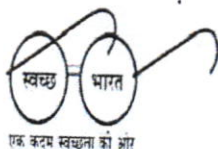
Copy to:

1. All Technical Officers in the Ministry of Road Transport & Highways.
2. All Joint Secretaries in the Ministry of Road Transport & Highways.
3. All ROs & ELOs of the Ministry of Road Transport & Highways.
4. The Secretary General, Indian Roads Congress with a request to incorporate the contents of this circular in the revised Ministry's Specifications for Road and Bridge Works.
5. The Director, IAHE.
6. Technical circular file of S, R&T (B) Section.
7. NIC for uploading on Ministry's website under "what's new".

Copy for kind information to:

1. PS to Hon'ble Minister (RT&H, MS&ME) / PS to Hon'ble MOS (RT&H).
2. Sr. PPS to Secretary (RT&H).
3. PPS to DG (RD) & SS.
4. PPS to AS & FA/ADG-I.

***** End *****



भारत सरकार

केंद्रीय लोकनिर्माणविभाग

तकनीकी अनुप्रयोग एवं मानक एकाई

कमरा सं० 418 ए-विंग, निर्माणभवन नई दिल्ली

टैलीफैक्स-011-23062339 ईमेल-delsetascsq.cpwd@nic.in

**OFFICE MEMORANDUM****Subject: Criteria/Guidelines for approval of TMT bars**

With reference to the OM No. DG/MAN/382 dated.06.02.2019, the following directions are required for steel reinforcement bars:

Only ISI marked TMT Bars of various grades shall be procured from Steel manufacturer as per the following guidelines:

- 1) All the approvals of steel manufacturers issued vide this office were withdrawn vide OM No. DG/MAN/382 dated.06.02.2019.
- 2) The Special Director General (Project Region/Region) /ADG (Project Region/ Region) of respective region of CPWD shall approve the steel manufacturers subject to the eligibility criteria and other technical parameters as per OM No. DG/MAN/382 dated.06.02.2019 which is reproduced below.
- 3) Eligibility criteria & other technical parameters for steel manufacturers:

The steel manufacturer should meet the following eligibility criteria:

- a) The Steel manufacturer should have following documentary evidence:
 - i. Certificate of incorporation
 - ii. Memorandum of articles of Association
 - iii. Credit rating of the company from CARE/CRISIL/ICRA (the grading should not be C/D grade for minimum last 3 years)
- b) The Steel manufacturer must have following licenses and certificates:
 - i. ISI certificate for billets (IS 2830:2012)
 - ii. ISI certificate for TMT Bars (IS 1786:2008 (Amendment-1 November 2012))
- c) The Steel manufacturer should also preferably have the following licenses:
 - i. ISO 9001:2015
 - ii. ISO 14001:2015
 - iii. OHSAS 18001:2007

- d) The steel manufacturer should be using iron ore as the basic raw material. The entire gamut of iron and steel production is owned by the same company or its subsidiary company (ies) and the iron making capacity is sufficiently matching the steel making capacity, adopting any of the refining technologies for manufacturing steel & TMT Bars as given under are eligible:
- BF-BOF route
 - COREX-BOF Route
 - DRI-EAF Route (Each Electric Arc Furnace should be 100 MT or more)
- e) Billets produced must be ISI marked (IS 2830:2012)
- f) The TMT bars produced must be ISI marked (IS 1786:2008)
- g) The steel manufacturer should have the following in house testing facilities (NABL Accredited):
- Computerized Universal Testing Machine
 - Spectrometer
 - Bend Re-bend facility as per IS :1786:2008 (Amendmnt-1 November 2012)
 - Raw material laboratory: Arrangement for testing Carbon, Sulphur & Phosphorous etc.
 - Other testing facilities as specified in IS : 1786:2008 & IS : 2830:2012

SDGs/ADGs are also authorized to approve particular steel manufacturer on suo motto in case they are satisfied with the eligibility criteria and other technical parameters of that manufacturer.

This issues with approval of Director General, CPWD

(DIVAKAR AGRAWAL)
Superintending Engineer (TAS)
CSQ, CPWD Nirman Bhawan,
New Delhi.

File No. CE (CSQ)/SE (TAS)/EE (TAD) STEEL/2019 /497-TE Dated: 27.12.2019

Copy to:-

1. PPS to the DG, CPWD, Nirman Bhawan, New Delhi.
2. All the SDGs, All the ADGs, All the CEs CPWD/E-in-C (PWD) GNCTD through website for information and necessary action please.
3. The SE (C&M), CSQ, CPWD for necessary action please.


Superintending Engineer (TAS)