



भारत सरकार / Government of India
रेल मंत्रालय / Ministry of Railways
(रेलवे बोर्ड / Railway Board)



No. 2020/CE-I/USSOR/W&M/1

New Delhi, dated 08.04.2024

To,
As per list attached.

Sub: Corrigendum to ACS-1 to IRUSSOR – 2021

Ref: Railway Board's letter No. 2020/CE-I/USSOR/W&M/1 dated 31.07.2023

Railway Board vide letter No. 2020/CE-I/USSOR/W&M/1 dated 31.07.2023 has issued Addendum and Corrigendum Slip No. 1 (ACS-1) to amend the description of items 195040, 195041, 195042, 195043 & 195044 of Indian Railways Unified Standard Schedule of Rates-2021 (IRUSSOR-2021).

2. Description of item numbers 195043 and 195044 in connection with Anti-Skid Stainless Steel chequered plates has been modified and shall be read as under:-

Item No.	Description of Item as per Addendum and Correction Slip No.1 to IRUSSOR - 2021	Unit	Item to be read as	Unit
195043	Anti-Skid Stainless Steel chequered plate conforming to latest IS: 6911, ISS Symbol 409 M with flat bottom and top pattern conforming to IS: 3502, 1A with bead height of minimum 0.8 mm - on New Bridges.	Kg	Anti-Skid Stainless Steel chequered plate conforming to latest IS: 6911, ISS Symbol 409 M, minimum 6mm thick (excluding bead height) with flat bottom and top pattern conforming to IS: 3502, 1A with bead height of minimum 0.8 mm - on New Bridges as per RDSO drawings.	Kg
195044	Fixing Anti-Skid Stainless Steel chequered plate conforming to latest IS: 6911, ISS Symbol 409 M with flat bottom and top pattern conforming to IS: 3502, 1A with bead height of minimum 0.8 mm including removal of existing chequered plates on existing Bridges. Note: Payment shall be made only as per weight of new chequered plate fixed.	Kg	Fixing Anti-Skid Stainless Steel chequered plate conforming to latest IS: 6911, ISS Symbol 409 M, minimum 6mm thick (excluding bead height) with flat bottom and top pattern conforming to IS: 3502, 1A with bead height of minimum 0.8mm as per RDSO drawings, including removal of existing chequered plates on existing Bridges. Note: Payment shall be made only as per weight of new chequered plate fixed.	Kg

(Signature) 08.04.24
(गौरव)

निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड

[Rly No. 030-47598, MTNL No. 011-23047598]

e-mail address: dceg@rb.railnet.gov.in

LIST FOR DISTRIBUTION (No. 2020/CE-I/USSOR/W&M/1 New Delhi, dated 08.04.2024)

1. General Managers, All Indian Railways & Production Units
2. General Manager (Con), N.F. Railway, Guwahati
3. General Manager /CORE, Allahabad
4. Chief Administrative Officers (Con), All Indian Railways (Except N.F. Railway)
5. Principal Chief Engineers, All Indian Railways
6. The PFAs, All Indian Railways

(A)

1. CAO, COFMOW, Tilak Bridge, New Delhi
2. Principal CAO, Diesel Loco Modernization Works, Patiala (Punjab)
3. CAO (Workshop Projects), Chamber Bhawan, Judge's Court Road, Anta Ghat, Patna-800001, Bihar

(B)

1. Director General, RDSO, Manak Nagar, Lucknow
2. Director General, NAIR, Vadodara
3. Director, IRICEN, Pune - 411 001 (Maharashtra)
4. Director, IRIEEN, PB No.-233, Nasik Road-422101 (Maharashtra)
5. Director, IRISSET, Taa Naka Road, Lalla Guda, Secunderabad-500017
6. Director, IRIMEE, Jamalpur Distt-Jamalpur, PIN-811214 (Bihar)
7. Director, IRITM, Sarswati Residential Estate, IRITM Campus, Manak Nagar, Lucknow

(C)

1. MD, CONCOR, Concor Bhawan, C-3, Mathura Road, Opp. Apollo Hospital, New Delhi- 110076
2. IRCON International Limited, C-4, District Centre, Saket, New Delhi- 110017
3. MD, RITES Ltd., RITES Bhawan, Plot No.1, Sector-29, Gurgaon
4. CMD, RVNL, August Kranti Bhawan, Plot No.25, 1st Floor, Bhikaji Cama Place, New Delhi
5. MD, MRVC Ltd., Churchgate Station Bldg, Mumbai- 400020
6. CMD, KONKAN Railway Corporation Ltd, Rail Bhawan, New Delhi-110001
7. MD, DFCCIL, 5th Floor, Pragati Maidan Metro Station Building Complex, New Delhi-110001
8. MD, RLDA, Near Safdarjung Railway Station, Moti Bagh, Phase-I, New Delhi- 110021
9. MD, CRIS, Chanakyapur, New Delhi
10. CMD, RailTel Corporation of India Ltd. Plot No. 143, Institutional Area, Sector-44, Gurgaon - 122003
11. CME, IROAF, 12th Floor, Core-1, Scope Minar, Distt. Centre, Laxmi Nagar, Delhi- 110092
12. Managing Director, IRFC Limited, UG Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Lodhi Road, Pragati Vihar, New Delhi
13. CMD, IRCTC Ltd., B-148, 11th Floor, Statesman House, Barakhamba Road, New Delhi 110001
14. CMD, Braithwaite & Co. limited, 5 Hide Road Kolkata 700043

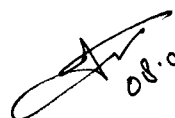
Copy to:

(A)

1. General Secretary, IRCA, DRM Office, New Delhi
2. General Secretary, AIRF, Rail Bhawan, New Delhi
3. General Secretary, NFIR, Rail Bhawan, New Delhi
4. General Secretary, IRPOF, Rail Bhawan, New Delhi
5. General Secretary, FROA, Rail Bhawan, New Delhi
6. General Secretary, AIRPA, Rail Bhawan, New Delhi
7. General Secretary, AISC & STREA, Rail Bhawan, New Delhi
8. The Secretary, RBSS, Group (A) Offices Association, Rail Bhawan
9. The Secretary, RBSS, Group (B) Offices Association, Rail Bhawan
10. General Secretary, RBSSS Association, Rail Bhawan
11. The Secretary, RBMSA, Rail Bhawan
12. The Secretary, Railway, Group (D) Employees Association, Rail Bhawan

(B)

1. Concerned PSO for kind information of Chairman cum CEO, M/Infra, M/T&RS M/O&BD, M/Finance, Railway Board
2. Adv./MR, EDPG/MR, OSD/MR, OSR(Co-ord)/MR
3. Chief Vigilance Officers, All Indian Railways
4. DG(RHS), DG(RPF), AM(CE), AM(Works), AM(B), AM(Elec.), AM(RS), AM(ME), AM/Tele, AM/C&IS, AM/Sig., AM(Plg.), PED(B&S), PED(Vigilance), PEDCE(P), PED/Safety, PED/Gati Shakti, EDCE(G), EDTK(M&MC), EDCE(B&S), EDF(X), ED/GS(Civil-I), ED/GS(Civil-II), ED/GS(Elect.), ED/GS(S&T), ED/GS/SD, EDW(Plg.), ED(L&A), ED(PSU), EDVE, ED(Safety), ED(Sig. Dev.), ED(Tele), EDRS(G), EDEE(G), EDFE, EDE(N), ED(Accounts), ED/T&MPP, EDME(Chg.), EDME(Frt.), ED/Plg., JS(conf), JS(P), JS(G), JS(D), Vigilance-III, Vig(Conf) of Railway Board.


08.04.24



भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
(रेलवे बोर्ड Railway Board)



No. 2020/CE-I/USSOR/W&M/1

New Delhi, dated 31.07.2023

To,

As per list attached

Sub: Addendum and Corrigendum Slip No.1 (ACS-1) to IRUSSOR – 2021

Ref: (i) Railway Board's letter No. 2020/CE-I/USSOR/W&M/1 dated 05.07.2022

(ii) RDSO's letter No. CBS/H Beam sleeper dated 01.03.2023

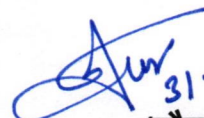
RDSO vide letter under ref (ii) above has issued instructions, modifying the thickness of Stainless Steel Chequered plates to minimum 6mm and specification to IS:6911 and also increased the scope of providing the same to trolley refuge, man refuge, side path way and made corrections in Channel Sleeper Drawings and Open Web Steel girder drawings.

2. In view of above, Ministry of Railways has decided that Items 195040, 195041, 195042, 195043 & 195044 of Indian Railways Unified Standard Schedule of Rates - 2021 (IRUSSOR-2021) amended as shown in the enclosed Addendum & Corrigendum Slip No.1 (ACS-1).

3. Accordingly, Zonal Railways are requested to ban existing description of item no. 195040, 195041, 195042, 195043 & 195044 in their respective Railway SOR. Zonal Railways, if required, may use amended nomenclature of items 195040, 195041, 195042, 195043 & 195044 as new items of Zonal Railways SOR.

4. This issues with the approval of Board (MI).

DA:- As above.


31.07.23
(गौरव)

निदेशक/सिविल इंजीनियरिंग(जी)/रेलवे बोर्ड
[Phone : Rly: 030-47598, MTNL:011-23047598,
e-mail address: padcegrb@gmail.com]

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 14. CMD, Braithwaite & Co. limited, 5 Hide Road Kolkata 700043


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3. Chief Vigilance Officers, All Indian Railways
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31.07.23

**Addendum and Corrigendum Slip No.1 (ACS-1) to Indian Railways Unified
Standard Schedule of Rates - 2021 (IRUSSOR-2021)**

Item No.	As Existing		To be read as	
	Description	Unit	Description	Unit
195040	Supplying & fixing Gang pathway of MS/Stainless Steel chequered plates between guard rails on un-ballasted deck bridge for gang pathway, overlapping at regular intervals of 2m to 2.5m with bolts duly drilling holes in chequered plate, as directed on new bridge or replacement of existing gangway on old bridge including removal of old chequered plates and stacking near approaches of bridge clear from all infringement.. Note: Overlapping of chequered plates shall not fall in between sleepers.		Supplying & fixing of Anti-Skid MS / Stainless Steel chequered plates on un- ballasted deck bridge as per approved drawings, with matching grade stainless steel fasteners as directed by Engineer-in- Charge, on new bridge or replacement of existing chequered plates on old bridge including removal of old chequered plates and stacking near approaches of bridge, clear from all infringement. Note: Joints of chequered plates shall not fall in between sleepers.	
195041	MS chequered plates 6 to 8mm thick on new bridge	Kg	MS chequered plates 6 to 8mm thick on new bridge	Kg
195042	MS chequered plates 6 to 8mm thick including removal of existing chequered plates on Bridges Note: Payment shall be made only as per weight of new Chequered Plate fixed.	Kg	MS chequered plates 6 to 8mm thick including removal of existing chequered plates on Bridges Note: Payment shall be made only as per weight of new Chequered Plate fixed.	Kg
195043	Anti skid Stainless steel chequered plate of 409M Grade as per Specification ASTM A240 SS and Pattern conforming to BIS 3502 with average thickness of 3.5mm with bead height of 0.8mm min thick - on New Bridges.	Kg	Anti-Skid Stainless Steel chequered plate conforming to latest IS:6911, ISS Symbol 409M with flat bottom and top pattern conforming to IS: 3502, 1A with bead height of minimum 0.8mm - on New Bridges.	Kg
195044	Fixing Anti skid Stainless steel chequered plate of Grade 409M and average thickness of 3.5mm with bead height of 0.8mm min. thick including removal of existing chequered plates on Bridges Note: Payment shall be made only as per weight of new Chequered Plate fixed.	Kg	Fixing Anti-Skid Stainless Steel chequered plate conforming to latest IS:6911, ISS Symbol 409M with flat bottom and top pattern conforming to IS: 3502, 1A with bead height of minimum 0.8mm including removal of existing chequered plates on existing Bridges. Note: Payment shall be made only as per weight of new Chequered Plate fixed.	Kg


31.07.23

No. 2020/CE-I/USSOR/W&M/1

New Delhi, Date: 05.07.2022

To,

As per list attached

Sub: 'Indian Railways Unified Standard Schedule of Rates' (IRUSSOR-2021), **Basic Rate Sheet-2021** and '**Analysis of Rate-2021**', for execution of Bridges works, Formation works and P.Way works

Ref: Railway Board letter No. 2019/CE-I/USSOR/W&M/1, dated 26.11.2019

Railway Board vide letter under reference had issued 'Indian Railways Unified Standard Schedule of Rates' (IRUSSOR-2019) and 'Indian Railways Unified Standard Specification (IRUSS-2019)', for execution of Bridge works, Formation works and P.Way works.

2. It has been decided to have next updated version of IRUSSOR-2019.
3. Now, Board (MI, MF) has approved the **Indian Railways Unified Standard Schedule of Rates-2021 (IRUSSOR-2021)**, **Basic Rate Sheet-2021** and **Analysis of Rate-2021 (AOR-2021)** for execution of Formation Works, Bridge Work and P.Way Works. The salient features of the IRUSSOR-2021 are as under:

- a. New version of IRUSSOR-2021 have included of certain New Items and deleted redundant items from the previous version.
- b. The IRUSSOR-2021 for execution of Bridge works, Formation works and P.Way works consists of 21 chapters. The Excel Sheet of IRUSSOR-2021 including *Basic Data Input, Analysis of Rate & Schedule of Rates* has been prepared in file named "IR USSOR-2021.xlsx" and uploaded on Civil Engineering Directorate webpage of Railway Board for preparing & publishing zonal SOR by Zonal Railways. Link of Excel Sheet is as under:

https://indianrailways.gov.in/railwayboard>> About Indian Railways>> Railway Board Directorates>> Civil Engineering>> 4. Schedule of Rates, AOR and specifications>> Schedule_Rates_Analysis of Rates and Specifications

- c. The Basic Rates reflected in 'IRUSSOR-2021.xlsx' are **representative rates** of different components to confirm consistency in '*Analysis of Rates (AOR)*'. Zonal Railways shall prepare their SOR by updating the rates of all components in '*Basic Rates*' sheet of IRUSSOR-2021.xlsx file. **The basic rates to be used in preparation of Zonal SOR shall be exclusive of GST.** Zonal Railways shall update the '*Basic Rates*' sheet with concurrence of

अमृत महोत्सव
05.07.2022

associate finance, at least once in two years to have duly updated USSOR of each Zonal Railway every two year.

- d. **Zonal Railways are not authorised to make any change in the Item No., Description of Item, and Unit of Item.** In case any Railway finds any ambiguity in these fields of any item during development of their SOR, they shall refer the same to Railway Board for issuing suitable modification uniformly across IR.
- e. Production Units & other Organizations can adopt the SOR of nearby Zone.
4. The downloadable pdf copy of Basic Rate Sheet-2021, IRUSSOR-2021 and Analysis of Rate-2021 with sample rate are available on Civil Engineering Directorate webpage of Railway Board for guidance purpose only.
5. Zonal Railways shall use only IRUSSOR for *Formation Works, Bridge Works & P. Way Works* and CPWD DSR for *Building works, Road works & Horticulture Works etc.* Separate Tender Schedule shall be prepared for CPWD DSR and IRUSSOR in case a tender is having both CPWD DSR and IRUSSOR items.
6. Zonal Railways are required to prepare and publish Zonal USSOR **NOT LATER THAN 30-SEP-2022** for execution of Railway Formation Works, Bridge Works and P.Way Works. PCE of Zonal Railway shall ensure the target date above.

अजीत कुमार झा
(अजीत कुमार झा) 5.7.22

कार्यपालक निदेशक/सिविल इंजी.(जी)/रेलवे बोर्ड

[Phone: 030-44803: Rly: 011-23383379:MTNL]

e-mail address : edceg2022@gmail.com

No. 2020/CE-I/USSOR/W&M/1

New Delhi, Date: 05.07.2022

Copy forwarded for information to:

1. The PFAs, All Indian Railways.
2. Dy. Comptroller and Auditor General of India (Railways), Room No. 224, Rail Bhawan, New Delhi

For Member Finance

For Member Finance



Ph. Rly. 42122 (O)
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Email: dbssb1rdso@gmail.com

भारतसरकार - रेलमंत्रालय
अनुसंधान अभिकल्प और मानक संगठन

मानक नगर, लखनऊ-226011
Government of India - Ministry of Railways
Research Designs & Standards Organization
Manak Nagar, Lucknow-226011



सं.: CBS/ H Beam sleeper

दिनांक: 01.03.2023

GM/ Con/ NFR.
Principal Chief Engineer (All Zonal Railways).
Chief Administrative Officer (Con) (All Zonal Railways).

विषय: Issuing of Alteration drawings regarding Chequered Plate.

Alteration has been done in drawings of Channel Sleeper (BA-1636/R2, BA-1636/1/R2, BA-1636/2, RDSO/B-1636/7, RDSO/B-1636/10, RDSO/B-1739/R, RDSO/B-1745), H-Beam sleeper (RDSO/B-1636/5, RDSO/B-1636/4/R, RDSO/B-1636/9) and pathway for open web girder (CBS-0045), (Total 11nos.) as below:-

Anti-skid Chequered Plates for gangway, trolley refuge, man refuge, side pathway etc. shall be conforming to latest IS 6911, ISS Symbol 409M, minimum 6mm thick (excluding bead height) with flat bottom and top pattern conforming to IS 3502, 1A. For coastal/corrosive areas, thickness may be suitably increased depending upon severity of corrosion.

Appropriate matching stainless steel grade fasteners as recommended by manufacturer shall be used.

The same may be used for other similar applications also wherever required.

Drawings with alterations have been issued and uploaded on RDSO Railnet website (<http://10.100.2.4/drawing/frmLink.aspx>)

This is for your information and necessary action please.

(M) 01.03.23.

(मोहित वर्मा)

(Mohit Verma)

निदेशक / पुल एवं संरचना-I
Director/B&S-I

प्रतिलिपि:

1. EDCE/B&S, Railway board for kind information.
2. The Managing Director, RITES LTD, RITES Bhawan, Plot No.1, Sect.29, Gurgaon (Haryana) - 122001
3. The Managing Director, IRCON, Palika Bhawan, Sector-XIII, R.K. Puram, New Delhi - 110066
4. The Chairman & Managing Director, Konkan Railway Corporation Ltd., Belapur Bhawan, Plot No. 6, Sector-II CBD Belapur, Navi Mumbai - 400 614
5. The Managing Director, Rail Vikas Nigam Ltd., 1st floor, August Kranti Bhawan, Bhikaji Cama Place, Africa Road, R.K. Puram, New Delhi - 110 016
6. The Managing Director, DFCCIL, 5th Floor, Pragati Maidan, Metro Station Building Complex New Delhi - 110001
7. The General Manager, Delhi Metro Rail Corporation Ltd., NBCC Place, Bishma Pitamah Marg, Pragati Vihar, New Delhi - 110003
8. Chairman & Managing Director, Mumbai Railway Vikas Corporation Ltd., 2nd Floor, Churchgate Station Building, Churchgate, Mumbai - 400 020.