भारत सरकार / Government of India

रेल मंत्रालय / Ministry of Railways

(रेलवे बोर्ड / Railway Board)

No.2016/CE-I/CT/14/Measurement **New Delhi, Dated 28.03.2025**

To,
As per list attached.

Sub: Corrigendum to Advance Correction Slip (ACS) No. 63 to Indian Railways Code for Engineering Department, Revised Edition-1982 and Fourth Re-print 2012.

Ref: Railway Board's letter No. 2016/CE-I/CT/14/Measurement dated 02.08.2024.

Ministry of Railways vide letter under reference had issued Advance Correction Slip (ACS) No. 63 to Indian Railways Code for Engineering Department, Revised Edition-1982 and Fourth Re-print 2012. It has now been decided to amend the item No. D of Para 1316B as shown in the **Annexure**.

2. This issues with concurrence of the finance directorate of Ministry of Railways.

28/03/25
(किशन रावत)

निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड
[Rly No. 030-47598, MTNL No. 011-23047598]
e-mail address: padcegrb@gmail.com, dceg@rb.railnet.gov.in

No.2016/CE-I/CT/14/Measurement **New Delhi, Dated 28.03.2025**

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**

LIST FOR DISTRIBUTION (No. 2016/CE-I/CT/14/Measurement dated 28.03.2025)

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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

(A)

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

(C)

1. CMD, CONCOR, Concor Bhawan, C-3, Mathura Road, Opp. Apollo Hospital, New Delhi- 110076
2. CMD, IRCON International Limited, C-4, District Centre, Saket, New Delhi- 110017
3. CMD, 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. CMD, 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. Chairman, 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. CMD, IRFC Limited, UG Floor, EastTower, NBCC Place, Bhisham Pitamah Marg, LodhiRoad, 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
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4. General Secretary, IRPOF, Rail Bhawan, New Delhi
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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), EDCE(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.

28/03/25

Annexure

Corrigendum to Advance Correction Slip (ACS) No. 63 to Indian Railways Code for Engineering Department, Revised Edition-1982 and Fourth Re-print 2012

Item No. D of Para 1316B shall be read as under:-

D. Test Checks by Railway Officials:

- PMS/PSSA after certification of the bill shall forward it to Authority for passing as per the contract agreement. On receipt of bill and other necessary documents, Railway official will carry out the mandated checks as given in table below.
- In addition to above, Monthly audit shall be carried out by JS/SS grade officers & JA/SG grade officers each as independent inspecting official and not as a team. The quality audit report shall cover the hidden items wherever possible. The audit shall be through checking at least one/two RFIs approved by PMS/PSSA.
- In general Railway official while test checking shall check that 'the system in place' is working properly for quality work.

S. No.	Item	PMS /PSSA	SSE /SE/JE**	AEn/XEn
1	Measurement of Ballast, pitching stone, Earth work and hidden items	100	**100**	**20**
2	Measurement of all other items	100	**20**	**20* (on alternate bill)**
3	Initial and Final levels along centre line for earthwork in embankment and cutting	100	**100**	**20**
4	Intermittent levels along centre line for earth work in embankment and cutting	100	**20**	**5**
5	Initial, intermittent and final levels except centre line for earth work in embankment and cutting	100	**20**	**5**

**20% test check for ADEN for item no 2 (Measurements of all other items) on alternate bill*

 # CAO(C)/PHOD may as per the availability of manpower, further increase the Railway official's above test check to extent deemed fit by them.

***The concerned in-charge who may be SSE/SE/JE to whom the particular site/section is attached, will test check.*

* * * * *

28/03/25

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

No.2016/CE-I/CT/14/Measurement **New Delhi, Dated 02.08.2024**

To,
As per list attached.

Sub: Procedure order for Measurement, Test Check limit, Material passing & Payments etc. wherein PMS/PSSA contracts are in place.

To address the issue of the acute shortage of supervisory staff, the existing system of Measurement, Test Check limit, Material passing & Payments etc. has been reviewed and it has been decided by Board to modify the procedure order for Measurement, Test Check limit, Material passing & Payments etc., wherein PMS/PSSA contracts are in place.

2. Accordingly, **Clause 1316B** in Indian Railway Code for Engineering Department -2012 has been introduced as **Advance Correction Slip No. 63** to Indian Railway Code for Engineering Department, as per the enclosed annexure.

3. Before Implementation of the above Advance Correction Slip, Zonal Railways shall ensure the following modification in the PMS/PSSA document:-

i. Eligibility criteria's shall be such that non-genuine/ non-sincere/ incapable tenderer are not able to qualify.
ii. Document shall have proper clauses for Deterrence penalty/disqualification to deal any fraud/ connivance/ misrepresentation etc.

4. Zonal Railways have also been authorized to have Contractor's MB, for all contracts irrespective of the cost of the agreement, if required. Provisions have already been made on IREPS for the same.

DA: As Above

02.08.24
(गौरव)
निदेशक सिविल इंजी.(जी)/रेलवे बोर्ड
[Rly No. 030-47598, MTNL No. 011-23047598]
e-mail address: dceg@rb.railnet.gov.in

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02.08.24

Annexure

Advance Correction Slip (ACS) No. 63 to Indian Railway Code for Engineering Department Revised Edition-1982 and Fourth Re-print 2012

For introduction of Procedure order for Measurement, Test Check limit, Material passing & Payments etc. wherein PMS/PSSA contracts are in place

1316B: Procedure order for Measurement, Test Check limit, Material passing & Payments etc. is applicable for contracts wherein PMS/PSSA contracts are in place

A. Measurement:

Measurement shall be done by Contractor.

B. Material Passing:

Department	By PMS/PSSA	By Railway Officials
S & T	1) 100% of billed material value by Site Engineer 2) 10% of billed material value by Resident Engineer (RE). Materials means manufactured materials like Relays, MSDAC, UPS, AC-DC converts etc. While framing the contract conditions the materials to be tested shall be clearly mentioned in the document.	PMS/PSSA offered material to nominated Railway Engineers for test checked through RFIs 1) 10% of billed material value by SSE/SE/JE 2) 5% of billed material value by JS/SS level officer
Electrical	1) 100% of billed material value by Site Engineer 2) 10% of billed material value by Resident Engineer (RE) Materials means manufactured materials like Steel fasteners or hardware material used in OHE, Insulators, any OHE fitting for mechanical strengths, transformer oil, LT cables, wiring, light fitting, Air conditioners etc. While framing the contract conditions the materials to be tested shall be clearly mentioned in the document.	PMS/PSSA offered material to nominated Railway Engineers for test checked through RFIs 1) 10% of billed material value by SSE/SE/JE 2) 5% of billed material value by JS/SS level officer
Civil	1) 100% of billed material value by Site Engineer 2) 5% of billed material value by Resident Engineer (RE). Materials means manufactured materials like Rails, sleepers, crossings, switches etc. While framing the contract conditions the materials to be tested shall be clearly mentioned in the document.	PMS/PSSA offered material to nominated Railway Engineers for test checked through RFIs 1) 10% of billed material value by SSE/SE/JE 2) 5% of billed material value by JS/SS level officer

02.08.24

C. **Test Checks by PMS/PSSA:**

- Contractor's Bill would be raised on IRWCMS by agency on Contractor's MB module, same would be provided to PMS/PSSA in physical form by Zonal Railways.
- In case of physical MB or PMS/PSSA not having access to "IRWCMS", Contractor shall give one set of measurements and on account bill to PMS/PSSA for scrutiny.
- On receipt of bill along with measurement book with necessary documents, PMS/PSSA team will technically check the same with drawings, specifications, test certificates, quantities etc. as per the contract agreement. **PMS/PSSA team will carry out the mandated checks as given in table below.** *In addition to checks given in table below, random test checks by Chief Resident Engineer/ Team Leader/ Chief Project Manager of PMS/PSSA **may/shall** also be done.*
- PMS/PSSA shall ensure the Video recording of all hidden measurements. PMS/PSSA shall also require to maintain various record/document related to quality and quantity of work as per the codes & manual and tender document. All record/document & video recording shall be preserved till final bill.
- The 75% of the bill amount shall be released after certification by PMS/PSSA, pending checks/ Audits by Railways.
- PMS/PSSA shall certify the bill and forward to Authority for passing as per the contract agreement. Departmental test checks, if any, shall be completed by departmental officials before passing the remaining 25% of bill component of an interim bill.
- The certified bills (75%/25%) shall be forwarded by PMS/PSSA under signature of Team Leader/Project manager/CRE or as given in the contract agreement.
- The measurement in respect of supply items shall be supported by copy of original inspection certificate marked "FOR PAYMENT", invoice of the supplier and certificate of RE stating that the goods having been received at site.

D. **Test Checks by Railway Officials:**

- PMS/PSSA after certification of the bill shall forward it to Authority for passing as per the contract agreement. On receipt of bill and other necessary documents, Railway official **will carry out the mandated checks as given in table below.**
- In addition to above, Monthly audit shall be carried out JS/SS grade officers & JA/SG grade officers each as independent inspecting official and not as a team. The quality audit report shall cover the hidden items wherever possible. The audit shall be through checking at least one/two RFIs approved by PMS/PSSA.
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