



Estt. Srl. No. 110/2023
RBE No- 110/2023

EAST COAST RAILWAY
प्रधान मुख्य कार्मिक अधिकारी का कार्यालय/
Office of the Principal Chief Personnel Officer
रेल सदन, द्वितीय तल, भुवनेश्वर - 751017
Rail Sadan, IInd Floor, Bhubaneswar-751017

ECoR/Pers/R/MPP.

Date:25.09.2023

**ALL PHODs/CHODs,
DRMs/CWM/CAO &CPM,
East Coast Railway, Bhubaneswar.**

Sub: Certificate course in basics of railway construction project supervision (Civil).

A copy of Railway Board's Letter No. E (MPP)/2023/3/21, dated 21.09.2023 on the quoted subject is forwarded herewith for information guidance and necessary action.

**Digitally Signed by PENTA
RADHA KRISHNA
Date: 26-09-2023 10:24:25
Reason: Approved**

Encl: As above,

**(Penta Radhakrishna)
Assistant Personnel Officer(HQ)
For Principal Chief Personnel Officer.**

Copy to:-

1. Secy. to GM & AGM,
2. Chairman-RRB&RRC-BBS,
3. Dy. CPOs /Sr. DPOs, DPOs/SPOs, WPO/APOs of Personnel Department
4. General Secretary's- ECoRSC & ECoRSU.



GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)



वसुधैव कुटुम्बकम्
ONE EARTH - ONE FAMILY - ONE FUTURE

No. E (MPP)/2023/3/21

New Delhi, dated 21.09.2023

The General Manager,
All Zonal Railways/PUs
Metro Railway, Kolkata
CORE, Allahabad
DG/RDSO/Lucknow
CAO/DMW/ Patiala
CAO/COFMOW/New Delhi
ED/CAMTECH/Gwalior

DG/NAIR/Vadodara
DG/IRITM/Lucknow
DG/IRIEEN/Nasik
DG/IRICEN/Pune
DG/IRISET/Secunderabad
DG/IRIMEE/Jamalpur
DG/IRIFM/ Secunderabad
DG/ JRRPF/ Lucknow

Sub: Certificate course in basics of railway construction project supervision (Civil)

Ref: NAIR's letter no. NAIR/SPCE/RB Corresp. dt. 03.08.23


One of the recommendations (Item no. 3.2 - Skilled Personnel)) given during Chintan Shivir-2023, held on 1st and 2nd June, 2023 at Manekshaw Centre, New Delhi was regarding introduction of Certification Courses (3 to 6 month) on track by Railway Training centres to ensure availability of skilled supervisors for PSS & PMS.

2. The matter has been considered in Board's Office, and a 05 day (30 hrs.) certification course for PMS/PSS/Contractors engineers at IRICEN titled "**Certificate course in basics of railway construction project supervision (Civil)**" prepared by IRICEN and forwarded by NAIR has been approved by Board (Member/Infrastructure).

3. Accordingly, the "Certificate course in basics of railway construction project supervision (Civil)" has been scanned and uploaded under **MPP Training Circulars** on 'Indian Railways' website and can be viewed or downloaded from Railnet.

4. Kindly acknowledge receipt.

D.A. : Certification Course (02 Pages)


(A. K. Das)

Joint Director/E (MPP)

Copy to:

- 1) The General Secretary, NFIR, 3 Chelmsford Road, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
- 2) The General Secretary, AIRF, 4 State Entry Road, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
- 3) The Secretary General, FROA, R.No.256-A, Rail Bhavan, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
- 4) The Secretary General, IRPOF, R.No.268, Rail Bhavan, New Delhi for information (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
- 5) All Members, Department Council & Secretary Staff side National Council 13-C, Ferozeshah Road, New Delhi (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
- 6) The Secretary General, AIRPF Association, Room No.256-D, Rail Bhavan, New Delhi (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).
- 7) General Secretary, All India SC & ST Railway Employees Association, 171/B-3, Basant Lane Railway Colony, New Delhi (Copy may be downloaded from E(MPP) Training Circulars/Railnet/Internet).



For Principal Executive Director (IR) /Railway Board

Copy to:

- i) PS & ED(PG) to MR, MoSR (D) & MoSR (J)
- ii) PSO/Sr.PPS to CRB, MF, M(Infra.), M(TRS), M(O&BD), DG(HR), DG(RHS) & DG(RPF)
- iii) Sr.PPS/PPS/PS to AM(Budget), AM(CE), AM(C&IS), AM(Comml.), AM(Traction), AM(Fin), AM(Mech.), AM(Plg.), AM(Project), AM(PU), AM(Sig.), AM(Staff), AM(RS), AM(T&C), AM(Tele), AM(TT), AM(Works), PED(Vig.), PED(Safety), PED(Coaching) LA,
- iv) ED(Plg.), ED(Accts.), EDCE(B&S), EDCE(G), EDCE(Plg.), ED(CHG), ED(CC), ED(C&IS), ED(E&R), EDEE(Dev), EDEE(G), EDE, ED(RRB), EDE(N), EDE(Res), EDF, EDF(B), EDF(X)I, EDF(X)II, ED(H), JS(C), EDME(Chg.), EDME(Fr.), ED(PC)I, ED(PC)II, EDRE, ED(Safety), ED(Safety)-II, IG./RPF(Hqs), ED(Sig.), ED(SP), EDRS(G), EDRS(S), ED(TD), EDTC(R), EDCE(P), ED(PM), ED(FM), EDPG, EDTT(F), EDTT(S), EDV(E), EDV(Elect), EDV(T), EDVE(S), ED(W).
- v) Chief Commissioner of Railway Safety, Lucknow.
- vi) E(Trg.), E(NG)I, E(NG)II, E(G), F(E)I, F(E)II, F(E)III, E(SCT)I, E(SCT)II branches of Railway Board.

Certificate Course in Basics of Railway Construction Project Supervision (Civil)

Duration: 5 days

SN	Subjects / Topics	Duration (in Hours)	Faculty
1	Introduction, Bio-data	1	IRICEN
2	Introduction to Railways		
a)	Organisation of Railway (Division, CN and Headquarters), relevant to Railway Projects (NL, GC, DL, ROB, Station Redevelopment Works)	1	IRICEN
b)	Basics of track components, curves, yard layouts, LC gates. Introduction to SWR, LWR	4	IRICEN
3	Safety during project execution		
a)	Provisions of IR Schedule of Dimensions, relevant to Railway project works	1	IRICEN
b)	Overview of train operations and taking Traffic/power blocks	2	IRICEN
c)	Safety at work sites <ul style="list-style-type: none"> • While working near tracks • Dismantling of structures • Working in Electrified and Track Circuited/ Signalling territory 		IRICEN
4	Earthwork		
a)	Basics of embankment design	2	IRICEN
b)	Compaction and Quality Control in Earthwork	2	IRICEN
5	Concrete Technology		
a)	Concrete technology & quality Control of concreting works	2	IRICEN
6	Type of Bridges & bridges Bearings		
a)	Types of bridges used on IR & related terminologies	3	IRICEN
b)	Bearing types, acceptance, testing & installations		
7	Foundations for Structures		
a)	Shallow foundation , pile and well foundation execution and quality control	2	IRICEN

8	Steel Structures		
a)	Fabrication of steel girders, including composite girders	2	IRICEN
9	Launching of Girders		
a)	Launching of steel/Concrete /PSC Girders, FOBs	2	IRICEN
10	Field visit of Metro/Construction site	2	IRICEN
11	Miscellaneous		
12	Role of PMS & PSS Engineers in work execution	2	IRICEN
13	Exam for certification	1	IRICEN
14	Feedback and Valedictory- Nil	1	IRICEN
	Total	30	