



PBC No:176 / 2023
RBE No: 110 / 2023

दक्षिण रेलवे Southern Railway
प्रधान मुख्य कार्मिक अधिकारी कार्यालय
Office of the Principal Chief Personnel Officer
प्रधान कार्यालय, कार्मिक विभाग, चेन्नै-600003
Headquarters, Personnel Department, Chennai-600003

सं/No: P(R) 436 / Misc./ Vol.V

दिनांक/Dated:22.09.2023

All PHODs/ DRMs/ CWMs/ CEWE/ CAO/ CPM/ PDA/ Dy.CPOs/ Sr.DPOs/ Secy to GM,
Chairman/RRB/MAS,TVC, Addl.Registrar/RCT/MAS, Secretary/RRT/MAS,
Principal MDZTI/TPJ, SRCETC/TBM, ZETTC/AVD,
DPOs/SPOs/WPOs/APOs of HQ/Divisions /Workshops/Units.

विषय/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 alongwith with its enclosures on the above subject is enclosed for information guidance and necessary action.

संलग्नक/Encl.03 pages

**S K
INDUSEKAR**

Digitally signed by S K
INDUSEKAR

Date: 2023.09.25 10:07:15
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सहायक कर्मचारी संबंधी अधिकारी/Asst. Personnel Officer / IR & Trg.

कृते प्रमुकाधि/For Principal Chief Personnel Officer

प्रतिलिपि/Copy to: The General Secretary/SRMU
The General Secretary/AISCTREA
The General Secretary/AIOBCREA
The General Secretary/NFIR

IT Section/PB/HQ - to upload in the SR website.



GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)



संयुक्त राष्ट्रसंघ
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)

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	