



## Modern Coach Factory, Raebareli

Office of the  
General Manager (P)

No. E/NG-III/MCF/RBL/JE/WS/MECH/25% PQ

Dated 07.08.2021

### NOTIFICATION

**Sub: Selection for filling up the vacant 22 (UR=17, SC=03, ST=02) posts of JE/Workshop/Mech., in Pay Matrix, Level-6 (G.P-4200/-) against 25% (DP) Departmental Promotion Quota.**

- Ref: i) Railway Board's L. No. E(NG)I-2008/PM1/15 dated 03.09.09 (RBE No.161/2009)  
ii) Railway Board's L. No. PCVI/2011/IC/1 dated 12.09.2013 (RBE No. 95/2013)  
iii) Railway Board's L. No. E(NG)I-1999/PM7/3 dated 24.02.2014 (RBE No. 21/2014)  
iv) Railway Board's L. No. E(MPP)-2019/3/48 dated 18.03.2020 (RBE No. 32/2020)  
v) Railway Board's L. No. E(NG)I-2018/PM1/4 dated 14.12.2018 (RBE No.196/2018)  
vi) Railway Board's L. No. E(NG)I-2018/PM1/4 dated 14.06.2019 (RBE No.97/2019)  
vii) Railway Board's L. No. E(NG)I-2018/PM1/4 dated 14.11.2019 (RBE No. 194/2019)  
viii) Railway Board's L. No. E(NG)I/2019/PM1/20 dated 19.12.2019 (Master Circular 31)  
ix) Railway Board's L. N. 88-E(SCT)I/42/2 dated 08.04.1991(RBE 71/91).  
x) Railway Board L. N. E(NG)I-75-PMI-44 dated 31.05.1982.

\*\*\*\*\*

It has been decided to hold a selection for forming a panel of 22 {(UR=17, SC=03, ST=02) (02 Higher Grade Vacancies (01 UR Existing & 01 UR Anticipated))} nos. of post of JE/Workshop in Pay Matrix, Level-6 (G.P-4200/-) against 25% (DP) Departmental Promotion Quota in Mechanical Department.

**No. of Posts :- 22 (UR=17, SC=03, ST=02)**


1. Staff in the category/grade of Sr. Technician in pay Level-6 GP-₹4200/- working in Mechanical Deptt. with 02 years of regular service on the date of notification are eligible for above selection in order of seniority. If Sr. Technicians in pay Level-6 GP-₹4200/- are unwilling to seek promotion in this selection, or requisite number of eligible Sr. Technicians are not available, then Tech-I in Pay Level-5 GP-₹2800/- who have completed two years regular service, will be considered eligible for above selection in order of seniority. Senior most candidates will be called for selection on 1:3 formula as per inter-se-seniority amongst the candidates, who will opt to appear in the selection.  
{Authority: Rly. Board's letter No. PCVI/2011/IC/1 dated 12.09.2013 (RBE No. 95/2013), L. No. E(NG)I-1999/PM7/3 dated 24.02.2014 (RBE No. 21/2014) & Master Circular 31 Para 7.2}
2. The list of probable candidates coming under zone of consideration is included as main list "A" in Annexure-I. In case any of the candidates has objection in the eligibility list, the same may be reported to this office within 15 days from the date of issue of this notification.

Continued.....

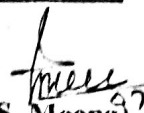
.1.

*Mee*  
07.08.21  
Apo/Staff

3. The willingness/unwillingness to appear in the above selection must be submitted by 23.08.2021 to the undersigned in the prescribed proforma enclosed as Annexure-II. In case unwillingness of some of the employees listed in Annexure-I to appear in the subject selection is received, a second List "B" of eligible employees will be issued calling for willingness to make up the short fall of eligible candidates as 1:3 formula.
4. Empanelled candidates in the above written selection will be required to undergo medical examination, if required and will have to undergo training for a period of 13 weeks as prescribed for DP quota at TTC, which is mandatory; failing which name will be deleted from the panel. During the training period they will get the salary/stipend as admissible under extant rules. {Authority: Rly. Board's letter No. E(MPP)-2019/3/48 dated 18.03.2020 (RBE No. 32/2020)}
5. Candidates who will pass in the final examination after the above training will be promoted as JE/workshop/Mech. in Pay Level-6 (GP-₹ 4200/-) and posted against working posts as per vacancy.
6. Examination will be held in the form of written test. The time of written examination will be 120 minutes and all the question will be of objective type, out of which 10% questions will be from the Rajbhasha. There shall be no negative marking for incorrect answers. There will be supplementary examination for those who fail to appear in the written examination for valid reasons and circumstances beyond their control. Such candidates will have to submit application within three days of the written examination with documentary evidence. Their candidature for supplementary examination will be decided by the competent authority on merit of the case.  
{Authority: Rly. Board's letter No. E(NG)I-2018/PM1/4 dated 14.12.2018 (RBE No.196/2018), L. No. E(NG)I-2018/PM1/4 dated 14.06.2019 (RBE No.97/2019), L. No. E(NG)I-2018/PM1/4 dated 14.11.2019 (RBE No. 194/2019) & Master Circular 31 Para 7.3}
7. Above Selection will comprise of written examination followed by scrutiny of service record and APARs of the candidate who will qualify in the written test. The candidates must secure 60% of marks in professional ability as well as in the aggregate. In the case of SC/ST candidates, they must secure 50% marks in Professional ability as well as in the aggregate. (Authority: Master Circular 31 Para 8)
8. In terms of instructions contained in Railway Board's L. N. 88-E(SCT)I/42/2 dated 08.04.1991(RBE 71/91), Pre-selection/Pre-promotional training to SC/ST employees is to be conducted covering the syllabus of the examination for selection to safety category post. In terms of Railway Board L. N. E(NG)I-75-PMI-44 dated 31.05.1982 all post of production unit are non safety. However, as per past practice in MCF/RBL, 03 weeks pre-selection coaching will be imparted to the candidates belonging to SC/ST category as per syllabus of the selection.
9. The date, venue and time of written examination will be intimated separately. All the willing candidates are advised to keep themselves in readiness to appear in the written test at a short notice.

  
07.08.21  
Apo/staff

10. The syllabus of the written examination for this selection is enclosed herewith as Annexure-III.
11. The Incharge/Controlling Officers of the candidates listed in Annexure-I are requested to circulate the notification for wide publicity amongst the staff working under their administrative control.
12. This Notification is also available on MCF/RBL website <https://mcf.indianrailways.gov.in/>

  
(D. S. Meena)

07.08.21

DA: As Above.

Assistant Personnel Officer/Staff  
MCF, Raebareli

Copy to:-

1. Secy. To GM/MCF/RBL : for Kind information to GM/MCF/RBL
2. PCME/MCF/RBL.
3. CAO/MCF/RBL, CPLE/MCF/RBL.
4. CME/P, CME/P-II, CPE, CDE, CPM, CME/IT/MCF/RBL.
5. Secy. To PCME/MCF/RBL.
6. All Dy. HOD/Mech. Deptt./MCF/RBL.
7. SPO/Bills & IT: to upload in the website/Mobile APP of MCF/RBL (<https://mcf.indianrailways.gov.in/>).
8. Principal/TTC/MCF/RBL with the request to make preparation for imparting pre-selection coaching to reserved community candidates as per syllabus.
9. RITES Bhawan, 1, Leisure Valley Rd, Sector 29, Gurugram, Haryana: For intimating Shri Charanjit Singh, Sr. Tech/Fitter/MCF/RBL.
10. PMCE Office Lucknow/UP.
11. All Cadre Dealers/Mech.: They are directed to intimate those candidates who are currently on deputation & their lien being maintained at MCF.
12. All Notice Boards of Main Admin, Mini Admin & Shop Floor.
13. General Secy./SC/ST Association, General Secy./OBC Association/MCF/RBL.
14. CS&WLI, S&WLI/MCF/RBL
15. SSE (General)/Mech./MCF/RBL.: For display on Notice Boards and wide publicity.

**Probable List of Candidate under zone of consideration for selection to the post of JE/workshop/Mech, in Pay Matrix, Level-6  
(GP 4200/-) against 25% (DP) Departmental Promotion Quota.**

**Ref : Notification No. E/NG-III/MCF/RBL/JE/WS/MECH/25%PQ Dated : 07.08.2021**

**List "A"**

S. N.	Emp. No.	Name	F/Name	Desig.	Com.	D.O.B	D.O.A	DOP IN GP-2800/-/L-05	DOP in present GP-4200/-/ L-06	DOJ/ MCF	Remark
1	52000450357	ASTAM KUMAR SAMANTA	BALAI CHANDRA SAMANTA	Sr. Tech-/MW	UR	28.12.1962	30.09.1988	15.07.93	01.11.2013	02.02.2011	
2	52000451307	SAYED M ZAKARIA	MURTAZA HUSSAIN	Sr.Tech/Fitter	UR	16.09.1961	06.03.1984	01.09.96	01.11.2013	29.04.2011	
3	52000452808	UDAI BHAN MISHRA	SHIVESARAN MISHRA	Sr.Tech/Fitter	UR	10.09.1966	24.03.1989	01.11.03	01.11.2013	10.10.2012	
4	52000450465	SUMANT KUMAR	SHIV PRASAD	Sr.Tech/Fitter	OBC	01.01.1969	18.06.1990	01.11.03	01.11.2013	01.02.2011	
5	52000451646	CHINTA MANI (SC)	NACHKOW	Sr.Tech/Fitter	SC	26.12.1963	15.12.1990	01.11.03	01.11.2013	03.10.2011	
6	52000453035	SURESH KUMAR SONKAR (SC)	DEVI DAYAL	Sr.Tech/Fitter	SC	05.01.1964	09.01.1991	06.05.04	01.11.2013	12.10.2012	
7	52000450431	TEJPAL SINGH (SC)	CHHOTE SINGH	Sr.Tech/Fitter	SC	12.01.1967	21.03.1990	12.09.05	01.11.2013	01.02.2011	
8	52000451472	MANGRA ORAON (ST)	LAKHO ORAON	Sr.Tech/Fitter	ST	03.10.1966	31.12.1987	29.10.05	01.11.2013	03.03.2011	
9	52000452090	CHARANJIT SINGH (SC)	INDER SINGH	Sr.Tech/Fitter	SC	26.09.1969	23.03.1996	01.01.07	01.11.2013	01.12.2012	
10	52000453158	RAM PRAKASH (SC)	SAHADEV PRASAD	Sr.Tech-Welder	SC	05.07.1963	20.06.1991	17.02.09	01.11.2013	28.09.2012	
11	52000458700	VIJAY KUMAR SINGH	JAGANNATH SINGH	Sr.Tech/Fitter	UR	22.02.1968	22.05.1986	10.06.11	01.11.2013	27.06.2013	
12	52000450770	LAXMI NARAYAN MEENA (ST)	KALYAN SAIJAY MEENA	Sr.Tech/Fitter	ST	05.09.1979	03.07.2006	01.03.11	01.11.2013	01.03.2011	
13	52000450790	SIYA RAM MEENA (ST)	HARLAL MEENA	Sr.Tech/Fitter	ST	02.09.1979	04.07.2006	01.03.11	01.11.2013	01.02.2011	
14	52000458202	GHANSHYAM MEENA (ST)	HARI SINGH MEENA	Sr.Tech/Fitter	ST	01.07.1983	01.11.2006	22.07.11	01.11.2013	31.05.2013	
15	52000458166	AJEET KUMAR MEENA (ST)	RAM SINGH MEENA	Sr.Tech/Fitter	ST	07.07.1982	07.11.2006	22.07.11	01.11.2013	28.05.2013	
16	52000458113	BIHOOR SINGH MEENA (ST)	MATUROO RAM MEENA	Sr.Tech/Fitter	ST	01.06.1981	01.11.2006	22.07.11	01.11.2013	28.05.2013	
17	52000451858	MAHENDRA KUMAR	LATE RAM DULARE	Sr.Tech-Welder	UR	05.08.1973	28.11.1992	11.08.11	01.11.2013	07.06.2012	

*Filed*  
07.08.21  
A.D.O. / S. J. A.

**Probable List of Candidate under zone of consideration for selection to the post of JE/workshop/Mech, in Pay Matrix, Level-6  
(GP 4200/-) against 25% (DP) Departmental Promotion Quota.**

Ref : Notification No. E/NG-III/MCF/RBL/JE/WS/MECH/25%PQ Dated : 07.08.2021

**List "A"**

18	52000452155	SUBHASHI KAWALDIARI SINGH	KAWALDIARI SINGH	Sr. Tech-MW	UR	19.11.1964	05.10.1987	19.08.11	01.11.2013	06.08.2012	
19	52000458128	DULLU SUNDI (ST)	BIR SINGH SUNDI	Sr.Tech/Fitter	ST	21.08.1978	18.10.2006	01.10.11	01.11.2013	28.05.2013	
20	52000458170	GEETA RAM MEENA (ST)	JAGRAM MEENA	Sr.Tech/Fitter	ST	16.04.1984	01.11.2006	01.10.11	01.11.2013	28.05.2013	
21	52000350229	BUDHIESHER MUNDA (ST)	SUKRA MUNDA	Sr.Tech/Fitter	ST	04.04.1982	09.03.2007	06.12.11	01.11.2013	03.05.2011	
22	52000350159	AJAY SAMIR KACHHAP (ST)	PHANUEL KACHHAP	Sr.Tech/Fitter	ST	08.08.1982	13.03.2007	06.12.11	01.11.2013	08.03.2011	
23	52000458819	SIHERU	SHAHBUDDIN	Sr.Tech/Fitter	OBC	07.03.1985	12.05.2004	03.07.12	01.11.2013	28.06.2013	
24	52000453463	HEM RAJ MEENA (ST)	RAM PRASAD MEENA	Sr.Tech/Fitter	ST	01.01.1979	31.12.2005	17.09.12	01.11.2013	15.11.2012	
25	52000453533	PRAKASH SINGH (ST)	BABU LAL MEENA	Sr.Tech/Fitter	ST	15.06.1978	08.10.2005	17.09.12	01.11.2013	15.11.2012	
26	52000453139	MAN SINGH MEENA (ST)	HANDI RAM MEENA	Sr. Tech-MW	ST	15.02.1974	24.08.2006	26.03.12	26.03.2014	05.11.2012	
27	52000453590	LAKHAN SINGH MEENA (ST)	PARSADI MEENA	Sr. Tech-MW	ST	14.08.1977	08.02.2007	14.05.12	14.05.2014	27.12.2012	
28	52000458823	NAND KISHORE NIRWAN (ST)	MANGAL SINGH NIRWAN	Sr.Tech-MCT	ST	29.10.1974	10.11.2003	09.10.12	09.10.2014	28.06.2013	
29	52000452620	SURAJ MAL MEENA (ST)	GIRAJ PRASAD MEENA	Sr. Tech/Painter	ST	01.07.1986	15.09.2006	10.12.11	31.12.2014	24.09.2012	
30	52000451862	SITA RAM MEENA (ST)	JAG RAM MEENA	Sr.Tech/Fitter	ST	01.10.1981	13.12.2007	10.06.13	10.06.2015	07.06.2012	
31	52000458768	CHANDRA PRAKASH MEENA (ST)	KISHAN LAL MEENA	Sr.Tech-Welder	ST	01.07.1981	20.12.2006	12.06.13	12.06.2015	28.06.2013	
32	52000458861	MUNESH KUMAR MEENA (ST)	SJIRIPHOOL MEENA	Sr.Tech-Welder	ST	03.07.1983	20.12.2006	12.06.13	12.06.2015	28.06.2013	
33	52000458838	HANSRAJ MEENA (ST)	KAMAL RAM MEENA	Sr.Tech-Welder	ST	14.07.1981	20.12.2006	12.06.13	12.06.2015	28.06.2013	
34	52000458895	JAGMAL MEENA (ST)	PARSADI MEENA	Sr.Tech/Fitter	ST	01.08.1982	12.08.2006	12.06.13	12.06.2015	28.06.2013	
35	52000458842	BUDDHI PRAKASH MEENA (ST)	SONARAYAN MEENA	Sr.Tech/Fitter	ST	01.06.1983	05.07.2006	12.06.13	12.06.2015	28.06.2013	

Continued .....

*Mees*  
07.08.21  
A P O / GAD

**Probable List of Candidate under zone of consideration for selection to the post of JE/workshop/Mech, in Pay Matrix, Level-6  
(GP 4200/-) against 25% (DP) Departmental Promotion Quota.**

**Ref : Notification No. E/NG-III/MCF/RBL/JE/WS/MECH/25%PQ Dated : 07.08.2021**

**List "A"**

36	52000459258	RAKESH SHARMA	MUNSHIRAM SHARMA	Sr. Tech-/MW	OBC	08.07.1973	20.11.2001	05.07.12	01.09.2016	29.06.2013	
37	52000452846	LAL RATAN MISHRA	LAL MANI MISHRA	Sr.Tech-MCT	UR	26.02.1981	05.07.2005	15.09.09	31.12.2016	01.10.2012	
39	52000451701	MATHURA LAL MEENA (ST)	BARDA MEENA	Sr. Tech-/DCM	ST	23.11.1980	21.03.2006	01.11.13	31.12.2016	04.04.2011	
38	52000451684	RAM KISHORE	SUKHDEEN PAL	Sr.Tech-MCT	UR	25.07.1962	04.05.1985	31.12.14	31.12.2016	03.02.2011	
40	52000458560	MANOJ KUMAR MAURYA	PARAS NATH PRASAD	Sr.Tech-MCT	OBC	03.05.1976	16.09.2009	31.12.14	31.12.2016	25.06.2013	
41	52000457426	MANOJ KUMAR SHAW	HIRA LAL SHAW	Sr.Tech-Welder	UR	13.06.1966	15.10.1998	01.11.13	10.02.2017	01.04.2013	
47	52000457727	ARUN KUMAR	SHAMBHU LAL SRIVASTAVA	Sr. Tech-/MW	UR	11.05.1983	29.10.2007	01.11.13	10.02.2017	01.05.2013	
48	52000452140	RAKESH D. TIWARI	DAYASHANKAR TIWARI	Sr. Tech-/MW	UR	11.12.1971	07.08.1997	01.11.13	10.02.2017	06.08.2012	
42	52000458857	MAHESH CHAND MEENA (ST)	KHILARI MEENA	Sr.Tech-Welder	ST	01.08.1982	20.12.2006	01.11.13	10.02.2017	28.06.2013	
43	52000458804	MANOJ KUMAR MAHAVAR (SC)	LATE SHIBBU LAL	Sr.Tech-Welder	SC	22.12.1980	20.12.2006	22.03.14	10.02.2017	28.06.2013	
49	52000450696	DALEEP SINGH (SC)	AJMER SINGH	Sr. Tech-/MW	SC	31.12.1979	12.05.2006	10.02.15	10.02.2017	08.02.2011	
51	52000452136	UMA SHANKAR P. SHARMA	PARBHU RAM SHARMA	Sr. Tech-/MW	UR	19.04.1969	24.04.1987	10.02.15	10.02.2017	06.08.2012	
50	52000458772	SATISH CHAND MEENA (ST)	RAMESH CHAND MEENA	Sr. Tech-/MW	ST	01.07.1983	11.06.2008	10.02.15	10.02.2017	28.06.2013	
44	52000459370	KHYALY RAM MEENA (ST)	BACHCHI RAM MEENA	Sr.Tech-Welder	ST	17.09.1978	02.04.2009	10.02.15	10.02.2017	29.06.2013	
45	52000459385	RAM GOPAL MEENA (ST)	RAM SWAROOP	Sr.Tech-Welder	ST	05.04.1983	02.04.2009	10.02.15	10.02.2017	29.06.2013	
52	52000458787	PAPPU RAM MEENA (ST)	BODAYA RAM MEENA	Sr. Tech-/MW	ST	05.06.1981	11.06.2008	10.02.15	10.02.2017	28.06.2013	
46	52000459366	RAKESH KUMAR MEENA (ST)	GHAMMAN MEENA	Sr.Tech-Welder	ST	05.10.1983	02.04.2009	10.02.15	10.02.2017	29.06.2013	
53	52000453092	GYAN SINGH SOKHI	KARTAR SINGH SOKHI	Sr.Tech/Fitter	UR	19.04.1963	10.05.1989	01.11.13	11.03.2017	01.10.2012	

Continued .....

*Mees*  
07.08.21  
APD/Start

**Probable List of Candidate under zone of consideration for selection to the post of JE/workshop/Mech, in Pay Matrix, Level-6  
(GP 4200/-) against 25% (DP) Departmental Promotion Quota.**

**Ref : Notification No. E/NG-III/MCF/RBL/JE/WS/MECH/25%PQ Dated : 07.08.2021**

**List "A"**

55	52000452704	GHANSHYAM Y JAISWAL (SC)	YADUNATH S. JAISWAL	Sr.Tech/Fitter	SC	05.07.1973	07.08.1997	01.11.13	11.03.2017	10.10.2012	
56	52000452102	JAYPRAKASH B. PANDEY	BAJRANGBALI PANDEY	Sr.Tech/Fitter	UR	02.08.1962	28.03.1985	01.11.13	11.03.2017	06.08.2012	
57	52000453020	JITENDRA K SRIVASTVA	JAGESH KUMAR SRIVASTAVA	Sr.Tech/Fitter	UR	01.07.1979	08.10.1997	01.11.13	11.03.2017	12.10.2012	
58	52000453177	RAM RATAN (SC)	VIDYA	Sr.Tech/Fitter	SC	12.01.1978	20.01.2007	01.11.13	11.03.2017	08.10.2012	
59	52000452687	RAJU RAJPUT	DHANI RAM RAJPUT	Sr.Tech/Fitter	UR	06.03.1983	03.06.2005	01.11.13	11.03.2017	25.09.2012	
60	52000453482	MUKESH KUMAR MEENA (ST)	ASHARAM MEENA	Sr.Tech/Fitter	ST	10.07.1978	29.11.2006	01.11.13	11.03.2017	16.11.2012	
61	52000457712	GOVIND PRASAD DUBEY	GOTE LAL DUBEY	Sr.Tech/Fitter	UR	05.03.1963	08.05.1983	01.11.13	11.03.2017	29.04.2013	
62	52000453514	MEGHA LAL MEENA (ST)	SHRIPOOL MEENA	Sr.Tech/Fitter	ST	25.12.1976	20.09.2005	01.11.13	11.03.2017	15.12.2012	
63	52000453054	PRASANT KUMAR SINGH	KAMESHWAR SINGH	Sr.Tech/Fitter	UR	15.10.1979	22.04.2006	01.11.13	11.03.2017	12.10.2012	
64	52000452691	RAJEEV RANJAN	TRIGUNA NAND DUBEY	Sr.Tech/Fitter	UR	25.02.1979	19.04.2006	01.11.13	11.03.2017	12.10.2012	
65	52000452884	DINESH KUMAR	JAGESHWAR PRASAD	Sr.Tech/Fitter	OBC	25.08.1981	27.04.2006	01.11.13	11.03.2017	12.10.2012	
66	52000453069	AJAY KUMAR	UCHIT PANJIYARA	Sr.Tech/Fitter	UR	15.05.1977	29.04.2006	01.11.13	11.03.2017	12.10.2012	

*MCC*  
07.08.21  
Apo/Start

**WILLINGNESS/UNWILLINGNESS PROFORMA**

Sub: Application for appearing in the written examination for Selection to the post of JE/Workshop/Mechanical, in Pay Matrix Level-6 (GP- 4200/-) against 25% (DP) Departmental Promotion Quota.

Ref: Notification No. E/NG-III/MCF/RBL/JE/WS/MECH/25% PQ dated 07.08.2021.

\*\*\*\*\*

I express my willingness/ unwillingness to appear in the written examination for promotion to the post of Junior Engineer/Workshop/Mechanical in Pay Matrix Level-6 (GP- 4200/-) against 25% (DP) Departmental Promotion Quota.

Signature .....

Name :

Emp. No. :

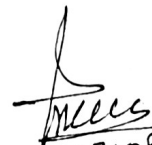
Desig./Trade :

Mobile No.

Date:

**Signature of the Controlling Officer  
with designation and date**

**APO/Staff**

  
07.08.21  
APO/Staff

83

ANNEXURE - III

आधुनिक रेल डिब्बा कारखाना, रायबरेली  
MODERN COACH FACTORY, RAEBARELI

कार्यालय  
प्र.मु.यां.अभि/आरेडिका/रायबरेली  
Office of the  
PCME/MCF/RBL

No. MCF/RBL/PCME/12281, Vol-II

Date- 05.08.2021

Dy.CPO  
MCF/RBL

Sub: Syllabus for promotion to the post of JE/Workshop (Level-06) in Mechanical department through 25% promotion quota.

Ref: (i) APO/Staff/MCF, letter no. MCF/RBL/Estt/Pro/Mech/JE/WS(Part-II), dated 28.07.2021.

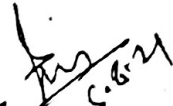
In reference to the above subject revised syllabus as annexure (1-3) is forwarded with the approval of PCME/MCF for further necessary action.

Encl- DA (Syllabus as annexure 1-3).

  
05/08/21  
Secy. to PCME  
MCF/RBL

Copy to:

- APO/Staff- for your kind information.

APO/Staff   
5.8.21

Dr  
05.08.21  
Ch. 05/11/9-11



आरेडिका / रायबरेली

Syllabus for selection of JE/Workshop in Mechanical department of MCF/RBL through 25% promotional quota

(12)

**SECTION A: (GENERAL TECHNICAL.)**

- I. **METALLURGY**  
Specifications and properties of Carbon Steel, Ferritic and Austenitic Stainless Steel used in coach construction. Inspection of materials, types of Destructive and Non destructive testing.
- II. **MANUFACTURING METHODS**  
Basic elementary knowledge of sequence followed in manufacturing of LHB coaches in MCF, starting from Sheet-metal work, Shell Manufacture, Bogie Frame Fabrication & machining, Wheel & Axle machining, Painting of Shell, Shell Furnishing and testing. Work order system.
- III. **MACHINERY AND PLANT**  
Preventive maintenance and break down maintenance, Role of shop workmen in maintenance of M & P, Condition monitoring.
- IV. **STORES**  
Classification of stores, stock and non- stock items, methods of drawl of different type of stores. Raising non stock indents, Awareness of GeM & IREPS.
- V. **ELECTRICITY**  
Fundamentals of electricity, resistance, voltage, current, Direct current, alternative current, Ohm's Law, Difference between electrical motor and generator.
- VI. **ELEMENTARY MATHEMATICS**  
Percentage, profit & loss, Rate of interest, Basic Geometry, area & volume, measuring units.
- VII. **COMPUTER**  
Basics of using the personal computer, use of computer in manufacturing processes. Internet & Email.

SJC  
5/8/21

5/8/21

SECTION-B (TECHNICAL TOPICS PERTAINING TO SPECIFIC TRADES)

WELDER: Different Types of welding process. Welding equipments/machines used in MCF, Application, advantages and disadvantages of different type of welding. Welding defects, quality testing of welding.. Robotic welding advantages, different types of metal cutting, Oxy Acetylene, Plasma, Laser. Safety during welding, PPE during welding.

FITTER: Types of Fits, tolerance, allowances, surface finish and measuring instruments, least count of vernier calliper and micrometer , calibration of instruments , jigs and fixtures & its calibration procedure.

PAINTER: Sequence of painting of LHB Coach starting from garnet blasting. Different types of painting material used in LHB coach painting. M&P used in paint shop. Painting quality measuring instruments. Measuring instruments used for Paint Gloss, DFT.

MILL-WRIGHT: Knowledge of different types of M&P available and machining processes followed in MCF. Heat treatment, Reconditioning and overhauling, Preventive & Breakdown maintenance of machinery and plant, condition monitoring.

MACHINIST: Machining basics of, Lathe, Milling, Shaping ,Planning, Grinding, Shearing etc., surface finish, Limits and fits , tolerance and Allowances measuring instruments, least count of Vernier calliper and micrometer , calibration of instruments. Wheel shop machines Basic knowledge of NC/CNC machines, part programming.

TOOL AND DIE MAKER: Fundamental knowledge of different type of tools. Design of gauges and templates, Limits, fits and tolerance, Allowances, Design and maintenance of jigs and fixtures, heat treatments process.

DRIVER CUM MECHANIC: Knowledge of transportation machinery and equipments available in MCF, Basics of FLT and RRV, principle of operation and maintenance of different vehicles, condition monitoring. Basic knowledge of hydraulic and pneumatic system of FLT, RRV & Road mobile crane.

S/O  
5/08/21

S/S/21

SECTION-C: GENERAL

1. Railway Services Conduct Rules
2. Basic D&A Rules, Minor Penalties and Major penalties and standard forms.
3. Rules pertaining to leave, pass
4. Employees Compensation Act
5. Factories Act.
6. Payment of wages Act.
7. Welfare Measures in Indian Railways.
8. Loans and advances.
9. Retirement Benefits.
10. Official Language Policy.
11. Budget and Costing.
12. Role of Vigilance Organization.

*Handwritten signature*  
S/08/21

*Handwritten signature*  
S/08/21

