

GO GREEN

INTEGRAL COACH FACTORY - CHENNAI-600 038.

No. PB/S2/5/423/2016

Office of the
Chief Personnel Officer,
Dated: 20/07/2016.

NOTIFICATION

SSE/Shop – 10A, 11A, 13A, 14A, 15A, 16A, 18A, 20A, 21A, 22A, 25A, 26A, 30A, 32A, 33A, 35A, 36A, 41A, 54A & 81A.

Sub: Selection for the post of Junior Engineer/WS/Mechanical in Pay Band ₹ 9300-34800+4200 GP in the Mechanical Engineering Department against Promotional Quota - Issue of Alert Notice.

It is proposed to conduct a selection for the post of Junior Engineer/WS/Mechanical in Pay Band ₹ 9300-34800+4200 GP (PQ) in the Mechanical Engineering Department for the following vacancies in the trades mentioned below:

Sl.No.	Trade	Vacancies			
		UR	SC	ST	Total
1	Welder	9	1	---	10
2	FGL	4	---	1	5
3	FTR	1	---	---	1
4	MGL	1	---	---	1
5	Carpenter	4	1	---	5
6	WM	1	---	---	1
7	ELP	1	---	---	1
8	Painter	3	---	1	4
9	Grit Blaster	1	---	---	1
10	BSM	1	---	---	1
11	MTR	1	---	---	1
	TOTAL	27	2	2	31

In terms of Railway Board's letter No.E(MPP) 2013 /3/22 dated 26/09/2014, the Jr.Engineers selected against promotional quota should undergo 13 weeks training i.e 8 weeks of Theoretical Training at STC , 4 weeks of practical training (1 week each at Production Unit/ POH Workshop and 2 weeks on the job in the Parent unit). The last one week of training will be at STC for examination/Viva-voce etc. This may be given wide publicity amongst the employees called for the selection.



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The list of eligible employees to be considered for the above selection is enclosed as Annexure – II.

3. If any of the employees mentioned in the Annexure-II are unwilling to appear for the selection, they should express their un-willingness in the proforma appended below. The unwillingness letter should reach this office on or before 05/08/2016.
4. The employees belonging to reserved category mentioned in the Annexure-II are required to attend the pre-promotional classes, which will be held from 22/08/2016 to 30/08/2016 from 09.00 Hrs to 16.30 Hrs .in Technical Training Centre.
5. Employees may be advised to attend the pre-promotional classes in their own interest. It is advised that these employees should not be booked on night shift during the above said periods. No separate classes will be conducted for absentees. The schedule for pre-promotional classes is enclosed as Annexure – III.
6. The mode of selection is written test and perusal of Records. **The written test will be held on 24/09/2016 at Technical Training Centre at 10.00 hours.** The syllabus for the written test is enclosed as Annexure-I.
7. The supervisory officials are hereby directed to notify the selection to the employees mentioned in the Annexure-II and advise this office positively on or before 02/08/2016 that all the concerned employees have been informed. If any of the employees is on leave/sick, he/she may be advised at his/her last known residential address by registered post with acknowledgement due, under advice to this office. The intimation may also be sent to the employees who are deputed on duty.
8. In case employees report that they have not been intimated about the Written Test, responsibility will be fixed on the concerned Senior Section Engineer in charge of their respective shops.
9. A supplementary written test in terms of Para 223 of Indian Railway Establishment Manual Vol.I will be conducted on **05/10/2016 at 10.00 Hrs. in Technical Training Centre** under the following circumstances:
 - (i) Summons for written test being received too late by the candidates making it difficult for him/her to reach the place of written test.
 - (ii) Sickness of the candidate or other reason over which the employee has no control. Sickness should be covered by a specific advise from the Railway Medical Officer. Request for supplementary written test duly enclosing proof in support of the claim should reach this office latest by 27/09/2016.



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10. The question papers for the written test will be in **English and Tamil**. Answers for all the questions can be written either in English or Tamil. Staff desirous of answering the written test in Hindi medium may give option before 05/08/2016.
11. If any of the employees mentioned in the Annexure II are blind, their SSEs are requested to forward the employees request for engaging a scribe on or before 05/08/2016 in terms of Board's letter No.E (NG) II/2006/RC/-2/13 dated 17/09/2007, 27/04/2012 & 19/12/2013..
12. All selected employees after their empanelment will be brought into the Common Seniority Unit in terms of AC Circular No. 4 dt. 11.01.2008.


Senior Personnel Officer/WS.

Encl: As above

Copy to:

CWE/Shell & Fur, Ch. OS/Con Section

Principal/TTC : 1) He is requested to provide necessary accommodation for the above pre-promotional coaching classes and to conduct the written test at TTC.

2) He is also requested to nominate lecturers for pre-promotional classes to be conducted at 09.00 hrs to 16.30 hrs from 22/08/2016 to 30/08/2016. Syllabus is attached.

Lecturers : The Lecturers indicated in the Annexure – III are requested to take the classes on the date, time & venue mentioned therein

Chief OS/CON : He is requested to kindly form a selection committee for conduct of JE/ PQ/Mech. selection.



**PROFORMA FOR UNWILLINGNESS FOR SELECTION TO THE POST
OF JUNIOR ENGINEER/MECH. IN PAY BAND ₹ 9300-34800+4200 GP
(PROMOTIONAL QUOTA)**

Ref: Notification No. PB/S2/5/423/2016/PQ dt. 20/07/2016

I hereby express my unwillingness to appear for selection to the post of Junior Engineer/WS/Mechanical in Pay Band ₹ 9300-34800+4200 GP (Promotional Quota).

Signature of the employee

Name:
Employee No.:
Designation:
Trade:
Shop/T.No.:

Forwarded to Dy.CPO/II



SYLLABUS FOR JUNIOR ENGINEER/WS/MECH. PQ /2016

Ref: Notification No. PB/S2/5/423/2016/PQ dt. 20/07/2016

SECTION A : (TECHNICAL)

I. COACH

Elementary knowledge of integral design as against conventional design of rail coaches. Knowledge of antitelescopic principle. Measures taken to combat corrosion latest design improvements. Basic design feature of LHB type coaches and self propelled Rolling Stocks.

II. METTALURGY

Classification and specification of steel, stainless steel and non-ferrous materials to coach construction. Heat treatment process.

III. MANUFACTURING METHODS

Sequence followed in the manufacture of Shell and Furnished Coach. Recent trends regarding modularisation of sub-assemblies.

IV. MACHINERY AND PLANT

Preventive maintenance and break down maintenance, condition monitoring, mean time between failure and reconditioning of machines.

V. STORES

Classification of stores, stocked and non-stocked, methods of drawal of different type of stores.

VI. ELECTRICITY

Fundamental of electricity, resistance, voltages, current, Direct current, Alternative current.



Ref: Notification No. PB/S2/5/423/2016/PQ dt. 20/07/2016

SECTION –B (General)

01. Time study, Workstudy, Incentive system in ICF, Functioning of PCO, Computer application in production control, Inspection and quality control, Estimation and costing techniques, Industrial safety.
02. Rules pertaining to leave, pass and DAR.
03. Employee's Compensation Act.
04. Factories Act.
05. Payment of wages Act.
06. Safety and welfare measure.
07. Labour participation in Management.
08. Loans and advances.
09. Retirement benefits.
10. OT booking rules.
11. Official language policy.
12. Budget and costing.
13. Role of Vigilance Organisation.
14. Basic principle of computer working – application of computer in coach manufacturing activities.



MATTER PERTAINING TO SPECIFIC TRADES

- WELDER** : Different types of welding, advantage of CO2 welding, welding defects, types of welding equipments/ machines used in ICF , Robotic welding advantages . Different types of metal cutting, oxy acetylene, LASER, Bharat gas.
- FITTER/GENL** : Fits, tolerance, allowance surface finish and measuring Instruments, calibration.
- MACHT/GL** : Tool room, sheet metal, machining practices basic knowledge of CNC, part programme.
- FTR & MTR** : Limits, fits and tolerance, allowances, jigs and fixtures, gauges templates, heat treatments, calibration
- CARPENTER & WOOD MACHT** : Seasoning and preservation of timber, defects in timber, tools used by carpenter, Different types of hand tools, FRP technology.
- ELECTROPLATER:** Electroplating and anodizing practices, PH value of chemicals used in electroplating and buffing process.
- PAINTER, GRITBLASTER** : Hot and cold phosphating, painting sequence, trimming procedures, grit blasting and shot peening development in painting of coaches. Functioning of automatic paint booth, advantages and cycle time reduction.
- BLACKSMITH** : Forging, spring manufacturing sequence, heating temperature forging dyes and hand drills.



ANNEXURE-III

Schedule for Pre-Promotional classes

Ref: Notification No. PB/S2/5/423/2016/PQ dt. 20/07/2016

Date	09.00 - 11.30	12.45 - 14.45	15.00 - 16.30
22.08.2016	Sri.D. Selvakumaran, Emp.No.798294, Sr. Instructor/AWTI Construction features of Bogies and Coaches.	Sri A.Christopher Emp.No. 714943 SSE/DESIGNS, Elementary Knowledge of coach design of Rail coaches, knowledge of anti telescopic principles. Measures taken to combat corrosion latest design improvements including LHB, BIO-Toilet, CNG, Self propelled Rolling Stocks etc.	Sri A.Ganesh, Emp.No. 824771, Sr.Instructor/ Metallurgy Heat Treatment & Metallurgy Classification and specification of steel, Stainless steel and non-ferrous materials to coach construction. Heat treatment process.
23.08.2016	Sri A.Baranibas Emp.No.688837 Sr.Instructor/93B Sequence followed in the manufacture of shell and furnished coach . Recent trends regarding modularization of sub - assemblies.	Sri P. Ramesh Kumar, Emp. No. 692211, SSE/TTC Preventive maintenance and break down maintenance, condition monitoring, mean time between failure and reconditioning of machines.	Smt.Jayanthi Devaraj Emp.No.697063 Office Supdt/60A Classification of stores, stocked and non-stocked, methods of drawal of different type of stores.
24.08.2016	Sri.Senthil Kumaravel Emp.No.806776 Sr.Instr/Elec/TTC Fundamental of electricity, resistance voltages, current, Direct current, Alternative current.	Sri L.Srinivasan, Emp.No.821925 Sr.Instructor/Metallurgy/ AWTI Inspection and Quality control. IMS overview	Sri.M.S.Kumar Emp.No.674726 SSO/WMS/S/75B Budget and costing
25.08.2016	Sri R.Nedumaran Emp.No.718434 SSE/50C Work Study, Layout & Time study.	Sri G.Pakkiyaraj, Emp.No.787317, SSE/Shop-36 Trimming Vestibules-Window Assembly -Painting-Execution.	Sri C.Raghavan, Emp.No.713511, Ch.S&W Inspector/ 90D Factory Act, Payment of Wages Act, HOER,ECA, Welfare Organization, and Labour participation in management.
26.08.2016	Sri. M.G. Sankar Emp.No. 667876 Ch.S&WI/90D Leave and Pass Rules- Retirement benefits	Sri.S.Pradeep Kumar Emp.No.823912 SWI/90B DAR	Sri R.Venkatakrishnan, Emp.No.594961 Ch.OS/CBS/FUR Wage Bills and incentives, OT booking Rules, Loan & advance
29.08.2016	Sri G.Senthilnathan Emp.No.689805 SSE/Shop-50B , Planning, Utilization of Non-moving items, Process Planning, Material planning and ERP	Sri H.Gopalakrishnan, Emp. No.807082, SSE/50(PCO/Shell) Functioning of PCO, Computer application in Production control, Application of computer in coach manufacturing activities.	Sri Krishnamurthy , Emp.No.699974, SSE/Shop-50B Incentive system and calculation



30.08.2016	Sri.T.Ravichandran Emp.No.692377 Chief Vig.Insp/70B Role of Vigilance Organization.	Sri T.Raghu , Emp.No.798331 SO/Shell Industrial Safety.	Smt.K.Latha Emp.No.811495 Sr.Translator/90E Official Language Policy
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TRADE SUBJECT - 27.08.2016		
Matters pertaining to specific trades will be conducted separately to the following trades on 27.08.2016 from 09.00 hrs. The lecturers will be nominated by the Principal/TTC and the same will be displayed in the Notice Board of TTC.		
Welder	Carpenter	Painter
FGL	Wood Machinist	Grit Blaster
FTR	Electroplater	Blacksmith
MGL	MTR	-

 S/B/w/s

Annexure - II

(Ref:JE/PQ/Mech. Notification No.PB/S2/423/2016 dt.20/07/2016)

WELDER - TOTAL VACANCIES - 10 (UR-9 & SC-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 CHIDAMBARAM	ER 661829	Sr.Technician	111 0154 ST
2 SELVARAJAN	S 661845	Sr.Technician	111 0156 ST
3 SANKAR	D 654987	Sr.Technician	222 4009 ST
4 MOHAN	V 637693	Sr.Technician	212 4023 SC
5 NARASIMHA BHARATHY	S 638371	Sr.Technician	142 0118 UR
6 LAKSHMIPATHY	R.K 791181	Sr.Technician	212 4001 UR
7 RAGHURAMAN	N 698744	Sr.Technician	212 4012 ST
8 ARUNACHALAM	K 689178	Sr.Technician	222 0171 ST
9 SHANMUGAM	S 659649	Sr.Technician	212 4005 ST
10 DANIEL VASSOU	603987	Sr.Technician	212 4013 UR
11 NAVARASU	G 605552	Sr.Technician	222 0166 SC
12 CHANDRAMOHAN	P 609393	Sr.Technician	412 0157 UR
13 MURTHY	K 631110	Sr.Technician	201 0154 ST
14 MAGENDHRAN	K 598719	Sr.Technician	142 0145 UR
15 GANESAN	C 689151	Sr.Technician	351 0156 ST
16 VENKATESAN	ER 689160	Sr.Technician	261 0158 ST
17 PURUSHOTHAMAN	K 678516	Sr.Technician	201 0161 SC
18 MANGALESWARAN	K 688853	Sr.Technician	212 4091 SC
19 RAVISUNDAR	P 637992	Sr.Technician	132 0180 SC
20 NATARAJAN	V 652682	Sr.Technician	212 4034 SC
21 PANDIAN	C 685361	Sr.Technician	212 4029 SC
22 MURALI	G 679261	Sr.Technician	222 4002 SC
23 KARIBEERAN	D 657926	Sr.Technician	161 0119 ST

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24	SELVAM DOMINIC		673045	Sr. Technician	212	4009	UR
25	RAMACHANDRAN	SD	609692	Sr. Technician	142	0163	UR
26	GOVINDARAJAN	M	688597	Sr. Technician	212	4008	UR
27	BHASKAR	B S	809811	Sr. Technician	212	4028	UR
28	SENTHILKUMAR	M	688651	Sr. Technician	101	0184	UR
29	VITHYASAGAR	D S	688677	Sr. Technician	101	0185	UR
30	SINGARAVEL	S	685290	Sr. Technician	142	0165	UR

FITTER/GL - TOTAL VACANCIES- 5 (UR-4 & ST-01)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 BALAKRISHNAN	G	637335 Sr. Technician	304 0187 ST
2 MATHIVANAN	D	625140 Sr. Technician	304 4004 UR
3 BARANI	M	631523 Sr. Technician	332 0127 SC
4 RAGHAVENDRAN	CV	631531 Sr. Technician	142 0116 UR
5 JOHNSON	KJ	599527 Sr. Technician	321 0153 UR
6 JOHNSON	PC	661917 Sr. Technician	212 4017 ST
7 AMBIKAPATHY	M	661950 Sr. Technician	261 0164 ST
8 GOPAL	K	657213 Sr. Technician	142 0123 ST
9 BAKTHAN	C	632489 Sr. Technician	304 4043 UR
10 ASHOK KUMAR	K P	637811 Sr. Technician	181 0157 UR
11 RAJENDRAN	N R	655963 Sr. Technician	212 4039 UR
12 ELUMALAI	R	621974 Sr. Technician	142 0103 UR
13 JOSEPH CHANDRA DOSS	JV	638258 Sr. Technician	222 0164 UR
14 RAMACHANDRAN	AK	626265 Sr. Technician	304 0152 UR
15 ELIAH	D	661731 Sr. Technician	304 0115 UR

M

(Ref:JE/PQ/Mech. Notification No.PB/S2/423/2016 dt.20/07/2016)

FITTER/TOOL ROOM- TOTAL VACANCY - 1 (UR-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 NAGESWARA RAO	P 584536	Sr.Technician	811 0153 ST
2 CHANDRASEKARAN	M 682558	Sr.Technician	412 0190 ST
3 JANAKIRAM	C 622619	Sr.Technician	811 0164 UR

MGL- TOTAL VACANCY -1 (UR-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 SAKE NAGARAJU	659631	Sr.Technician	304 4033 ST
2 VIJAYA BASKARAN	A K 652041	Sr.Technician	161 0123 UR
3 MUTHU SEKAR	E 652050	Sr.Technician	161 0126 UR

CARPENTER-TOTAL VACANCIES - 5 (UR-4 & SC-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 DURGA RAO	G 635891	Sr.Technician	321 0151 ST
2 JOSEPH	G 657011	Sr.Technician	304 4002 ST
3 RAJAGOPAL	P 654995	Sr.Technician	304 0128 ST
4 GOVINDARAJU	P 655007	Sr.Technician	304 0117 ST
5 VENKATESAN	K 667032	Sr.Technician	304 0186 ST
6 PRABHAKARAN	T S 636471	Sr.Technician	304 0184 UR
7 ARIVOLI	R 667024	Sr.Technician	304 0141 ST
8 VENKATESWARALU	K 625131	Sr.Technician	304 0198 UR
9 PANNEERSELVAM	S 633625	Sr.Technician	304 4001 UR
10 PARAMESAN	S 652164	Sr.Technician	321 0188 UR

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Sl. No.	Name	Category	Emp. No.	Designation	Shop
11	MANOHARAN (RT-31.07.2016)	S	634337	Sr.Technician	304 4007 UR
12	SREENIVASALU	A	657731	Sr.Technician	304 0163 ST
13	MUTHUPANDI	K	631339	Sr.Technician	304 4042 ST
14	MAHENDRAN	P	672683	Sr.Technician	304 0109 SC
15	RAVIKUMAR	A	685417	Sr.Technician	304 0145 SC
16	NALLATHURI MALAKONDIAH		634556	Sr.Technician	304 4029 SC

Sl.No.13 called in lieu of Sl.No.11 who is retiring on 31.07.2016.
Sl.Nos.14 to 16 have been called under extended zone of consideration.

WOOD MACHINIST - TOTAL VACANCY - 1 (UR-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 SARAVANAN	S 586110	Sr.Technician	321 0186 UR
2 VIJAYA KUMAR	D 677812	Sr.Technician	304 0151 UR
3 MANIKANDAN	LV 677821	Sr.Technician	321 0187 UR

ELECTROPLATER - TOTAL VACANCY - 1 (UR-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 KRISHNAMOORTHI	T 633932	Sr.Technician	541 0198 SC
2 MOHAN	S 625297	Sr.Technician	361 0170 UR
3 ARIVAZHAGAN	R 626927	Sr.Technician	361 0154 SC

PAINTER - TOTAL VACANCIES - 4 (UR-03 & ST-01)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 SEKAR	K 593491	Sr.Technician	361 0152 ST
2 CHANDRASEKARAN	V 624649	Sr.Technician	541 0183 UR



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3	YEKOLLU SREENIVASULU		674558	Sr.Technician	541 0187	ST
4	SELVARAJ	R	676490	Sr.Technician	541 0186	ST
5	VARADARAJAN	VD	676545	Sr.Technician	541 0189	ST
6	BABU	K	631494	Sr.Technician	251 0155	UR
7	PUNNIAMOORTHY	M	636981	Sr.Technician	541 0195	UR
8	VALLUVAN	R	682540	Sr.Technician	541 0191	ST
9	SUGUMAR	G	663023	Sr.Technician	361 0174	UR
10	THANIGAI CHELVAN	S	668414	Sr.Technician	251 0158	ST
11	EMAROSE	S	663859	Sr.Technician	361 0160	UR
12	PANNERSELVAM	B	663875	Sr.Technician	361 0165	SC

GRIT BLASTER - TOTAL VACANCY - 1 (UR-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 KATHIRVELU	S	666806 Sr.Technician	541 0155 SC
2 SEKAR NIRMALRAJ	DP	666822 Sr.Technician	251 0151 UR
3 GOPI	K	795333 Sr.Technician	541 0190 ST

BLACK SMITH - TOTAL VACANCY - 1 (UR-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 SHANMUGHAM	G	606580 Sr.Technician	151 0152 UR
2 GANGADURAI		771665 Sr.Technician	142 0114 ST
3 MOHAN	P	648448 Sr.Technician	111 0153 UR



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(Ref:JE/PQ/Mech. Notification No.PB/S2/423/2016 dt.20/07/2016)

MTR - TOTAL VACANCY - 1 (UR-1)

Sl. NAME no. S/Sri.	EMP.NO.	DESIG.	SHOP
1 SUBRAMANIAN	M 666603	Sr.Technician	811 0177 ST
2 KRISHNAN	L 689215	Sr.Technician	412 0169 ST
3 SURESHKUMAR	CD 582223	Sr.Technician	412 0154 UR

