



पूर्व मध्य रेल
डीजल रोड समस्तीपुर
पिन - 848101



E.C. Railway

(ISO 9001:2008, 14001:2004, 18001:2007 certified organization)
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No- M/DSL/SPJ/Stat/Training/55 / 6050

Date- 09.01.18

Chief Motive Power Engineer
E. C. Railway, Hajipur

Sub: - Project Saksham - Ensuring training for each employee.

Ref:- (i) Chairman/Railway Board's D.O. L/no.- E(MPP)/2017/3/25 dtd. 30.10.17

(ii) CME/HJP's office L/no. ECR/Mech/Dsl/709 dtd. 15.12.17

In reference above training calendar details are as under:-

Section	Date	Period of training	Type of trainings (Class/room/On job)	Subject/contents of training for practical improvement	No of participants/designation (Tech + Help)	Nominated trainer/Sri
Mechanical Major	29.11.17	29.11.17 to 19.12.17	On Job	Initial testing load box testing, all cyl. head & crank case cover. All valve lever, all water jumper roof hood, lube oil 'L' pipe, H P tube, carbody removing. TSC, Air Maize Compressor water outlet header, after cooler removing.	02 Tech. 02 Help.	A. K. Deokuliyar/SSE
	30.11.17		On Job	Water riser pipe all inlet elbow, Exhaust fold. All support lubricating pipe, all FIP & all support removing. Both side water radiator and lube oil cooler removing. All piston connecting rod bolt detorquing.	02 Tech. 02 Help.	Abhishek Sonal/SSE
	01.12.17		On Job	All cylinder head removing, water pump removing, both side cam gear cover removing. All fuel oil and lube oil valves removing. Radiator fan, radiator fan Brg. Housing. Universal shaft and RTTM MP removing. All piston removing. All liner removing.	02 Tech. 02 Help.	A. K. Deokuliyar/SSE
	02.12.17		On Job	Washing, steel pipe and nut bolts cleaning. All removal material collect from platform.	01 Tech. 02 Help.	Abhishek Sonal/SSE
	04.12.17		On Job	Floor checking & fuel oil tank foundation bolt tightness checking.	01 Tech. 02 Help.	A. K. Deokuliyar/SSE
	05.12.17		On Job	Side cam gear, split gear, Drive gear, lube oil pump gear teeth checking, all cam shaft lobe, all cam bush cleaning, both side expansion tank checking. Main Bearing no. 2, 5 and 7 shell checking & changed. Oil all flexible pipe & copper pipe removing, now flexible pipe select sent to OVH section for hydraulic test. Removal and annealing of pipes	02 Tech 01 Help.	Abhishek Sonal/SSE
	06.12.17		On Job	Liner sleeve bore measurement & liner select, liner cleaned, liner place in loco and liner press and liner bore measurement taken. Checking Main Brg shell no. 1, 4 and 6 and changed. Radiator room and compressor room all gasket changed.	01 Tech. 02 Help.	A. K. Deokuliyar/SSE

	07.12.17		On Job	Checking Main Brg shell no. 3, 8 and 9 changed. 'V' gallery cleaned, support face, air maize cleaned & baggie filter changed. Lube oil cooler and cooler side radiator fitting & all connection.	01 Tech. 02 Help.	Abhishek Sonal/SSE
	08.12.17		On Job	Radiator fan, radiator fan Brg Housing, universal shaft water top & bottom equalizing pipe fitting. Water pump fitting, water pump backlash checking, water pump suction pipe fitting and compressor place and flexible coupling tight. All piston place and cap fitted.	02 Tech. 01 Help.	A. K. Deokuliyar/SSE
	09.12.17		On Job	Connecting rod bolt elongation. Lube oil filter drum cleaned & their shocks change lube oil strainer cleaned & basket changed. Water glow rod gauge cleaned, 'V' belt places, horizontal shaft connect and belt seal, RTTMB fitting and blower side radiator fitted & connection completed. All cyl. Head place & truing. All support & all FIP.	01 Tech. 02 Help.	Abhishek Sonal/SSE
	11.12.17		On Job	Compressor alignment and fast coupling fitted after cooler fitted, TSC fitted. All lube oil 'L' pipe & H. P. Tube, T jumper fitment sump nut removing, sump & nut cleaning and nut fitting.	01 Tech. 02 Help.	A. K. Deokuliyar/SSE
	12.12.17		On Job	Fuel gallery & engine block hydraulic test all inlet elbow and exhaust manifold fold fitting. Air maize & water outlet header pipe fitting. 'T' jumper, 'O' ring changing. All valves levees fitment. All support and support lubricating pipe fitment. All flexible pipe and copper pipe fitment. All 'S' pipe fitment.	02 Tech. 02 Help.	Abhishek Sonal/SSE
	13.12.17		On Job	Free and all pipe connection, all valve & OST assembly and plunder fitment. Fuel oil primary & secondary fitment changed, fuel tank cleaned and fuel oil system checked and T.G. deflection checked. All tapper & timing and adjusted. Water fill and leakage checked, lube oil added recirculation lube oil system checked fuel oil system checked and loco start.	02 Tech. 01 Help.	A. K. Deokuliyar/SSE
	14.12.17		On Job	Breaking test.	01 Tech. 01 Help.	Abhishek Sonal/SSE
	15.12.17		On Job	Notch up testing and hot engine testing.	01 Tech. 01 Help.	A. K. Deokuliyar/SSE
	16.12.17		On Job	Load box testing and SFC, dynamic filter pipe connection, hand roll fitting.	01 Tech. 01 Help.	Abhishek Sonal/SSE
	18.12.17		On Job	Truck roll in bogie section.	01 Tech. 01 Help.	A. K. Deokuliyar/SSE
	19.12.17		On Job	Load box repair attention, roof & hood firing, carbody, center hood fitting G/checking self load box testing and loco given fit for work. Thermal insulation fitting.	01 Tech. 02 Help.	Abhishek Sonal/SSE
Mechanical OVH	11.12.17	11.12.17 to 20.12.17	On Job + Class room	OVH procedure of Nozzle & FIP	3+2	G. Singh/SSE
	12.12.17			OVH procedure of cylinder head.	3+2	
	13.12.17			OVH procedure of FIP support	3+2	
	14.12.17			OVH procedure of water pump, RTTMB.	3+2	
	15.12.17			OVH procedure of fuel oil valve, lube oil valves, centrifuge OST plunger, OST assembly.	3+2	G. Singh/SSE

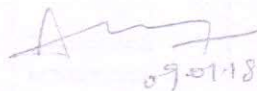
	16.12.17			OVH procedure of lube oil pump, right angle gear box.	3+3	G. Singh/SSE
	18.12.17			OVH procedure of after cooler lube oil cooler, rod core.	3+3	Niraj Kumar/JE
	19.12.17			OVH procedure of radiator fan drive housing, universal shaft, radiator fan.	3+2	
	20.12.17			OVH procedure of piston, connecting rod & rocker arm.	2+3	G. Singh/SSE
Spare Cell	11.12.17	11.12.17 to 16.12.17	On Job + Class room	Material demand process - stock and non-stock DS2, DI.W, DMW indent.	1+3	Mandip Kumar/SSE
	12.12.17			RSP, BHEL indent, EAC revision stocking of material (Q-form)	1+3	
	13.12.17			Suitability process, billing of non-stock items.	1+3	
	14.12.17			Stock item warranty claim, visioning with stove regarding material piston, critical item monitoring.	1+2	
	15.12.17			CRI making for material demand from store, material heaping of stock & non stock items.	1+2	
	16.12.17			Issue note making for issuing material to different sheds, debit- credit. Tool room item position & record keeping.	1+2	
Bogie Section	11.12.17	11.12.17 to 16.12.17	On Job	Safety item checking	3+3	A.K. Verma/JE
	12.12.17		On Job	Traction motor changing.	3+3	
	13.12.17		On Job	Wheel changing.	3+3	
	14.12.17		On Job	Trolley assembling.	4+4	
	15.12.17		On Job	Grease pumping in axle box.	4+3	
	16.12.17		On Job	UST of axle / wheel measurement.	3+3	
Electrical OVH	11.12.17	11.12.17 to 20.12.17	On Job + Class room	Test bench section	3+3	Saikat Shaw/SSE
	12.12.17			Small motor section	3+3	
	13.12.17			Speedometer section	3+3	
	14.12.17			MCBG Gov. section	3+3	
	15.12.17			Traction motor section	3+3	
	16.12.17			Switch gear section	3+3	
	18.12.17			Battery Section	2+3	
	19.12.17			Aux. Machine section	2+3	
	20.12.17			Under frame electrical section.	2+2	
Air Brake Overhauling	11.12.17	11.12.17 to 15.12.17	On Job + Class room	C2W relay air valve, Add. C2W relay air valve, MU2B valve, FI selector valve & MR safety valve	3+3	Kumar Saurav/SSE
	12.12.17			C3W distributor valve, Auto drain valve, Duplex check valve & Pressure limiting valve	3+3	
	13.12.17			Pressure Regulating valve, R6 Relay air valve, SD1W Relay valve, Air flow Measuring valve. SA9 independent brake valve & A9 automatic brake valve.	3+3	
	14.12.17			EPG magnet valve. (3008C), VCD Magnet valve(3332), Release Run Magnet valve(3282) & DI Magnet valve(3097)	3+3	
	15.12.17			Overcharge Magnet valve(3163), Air horn, Wiper Motor & Air Dryer	3+4	
Compressor Overhauling	16.12.17	16.12.17 to 18.12.17	On Job + Class room	Complete Overhauling of Compressor	3+4	Kumar Saurav/SSE

	18.12.17			valve, Discharge Valve, Un loader valve, Tripping valve, Lube oil relief valve, Intercooler Safety Valve, After cooler safety valve, Inter cooler, After cooler, Lube oil pump, Breather valve & Air Intake filter	3+3	
Mechanical Medium	11.12.17	11.12.17 to 16.12.17	On Job	Initial testing of locomotives under M4/6/10/20 and M12 schedules	3+2	G. R. Mahto/SSE
	12.12.17		On Job	Checking of tightness of foundation bolts of each and every components on prescribed torque-value excise defined.	3+2	
	13.12.17		On Job	Checking of alignment of RTM V belts in sifter	3+2	
	14.12.17		On Job	TG deflection thrust and back lash checking of cam gears.	3+2	
	15.12.17		On Job	Compressor alignment between fast and flexible couplings.	3+2	
Electrical major	16.12.17	11.12.17 to 16.12.17	On Job	Load test of locomotive and SFC recording.	2+2	A. K. Singh Biplav/JE
	11.12.17		On Job	Initial testing & all parameters	2+3	
	12.12.17		On Job	Starting circuit	2+3	
	13.12.17		On Job	Raising circuit	2+3	
	14.12.17		On Job	GF circuit	2+3	
Mechanical Running Section	15.12.17	18.12.17 to 23.12.17	On Job	P/contactor circuit.	1+3	Ashok Kumar/SSE
	16.12.17		On Job	Radiator fan circuit.	1+4	
	18.12.17		On Job	Fuel oil system & water cooling system	3+3	
	19.12.17		On Job	Lube oil system, arresting lube oil leakages from different parts	3+3	
	20.12.17		On Job	protection against fire, fire fighting	3+3	
Electrical Running	21.12.17	10.12.17 to 15.12.17	On Job	Fuel dilution causes & remedies	3+3	A. K. Topno/JE
	23.12.17		On Job	Safety at work place – safety measurement	3+3	
	10.12.17		On Job	Regarding T1 schedule	4+3	
	11.12.17		On Job	Regarding M2 schedule	4+3	
	12.12.17		On Job	Regarding Traction Motor	4+3	
Statistical Section	13.12.17	10.12.17 to 14.12.17	On Job	Loco power ground checking	4+3	Ikramul Ansari/SSE
	14.12.17		On Job	Load meter zero the what to do.	5+3	
	15.12.17		On Job	Loco safety checking.	1+3	
	10.12.17		Class room	Morning Position	1+0	
	11.12.17		Class room	MCDO	0+1	
Electrical Medium	12.12.17	10.12.17 to 12.12.17	Class room	Online RDSO and Warranty claim.	0+1	Pankaj Kumar/JE
	13.12.17		Class room	All Schedule Register	0+1	
	14.12.17		Class room	Failure Related & File keeping	0+1	
	10.12.17		On Job	initial testing procedure and schedule of M4	4+4	
	11.12.17		On Job	Back panel & front panel schedule items	4+4	
Mill Wright + Ancillary	12.12.17	10.12.17 to 15.12.17	On Job	M4, M8, M16 & M20 schedule of traction motor	2+3	R. R. Jha/SSE
	10.12.17		On Job	Regarding T1 to M2 schedule	4+5	
	11.12.17		On Job	Regarding M4 to M20 schedule	3+5	
	12.12.17		On Job	Panting of loco in M12 & M24 schedule	3+5	
	13.12.17		On Job	Maintenance of M&P	2+5	
Welding	14.12.17	10.12.17 to 11.12.17	On Job		2+5	A. K. Verma/JE
	15.12.17		On Job	Welding procedure of bogie frame liner	0+4	
Tool Room	10.12.17	10.12.17	On Job	To ensure nearest earthing clamp from welding point	2+3	
Lab	10.12.17	10.12.17	On Job	Proper keeping arrangement of tools	1+3	
RCD	10.12.17	10.12.17	On Job	Procedure of sample taking from loco, analysis of FD and spectro report	2+3	Rajeev Kumar/JE
	11.12.17	10.12.17 to 11.12.17	On Job	Preparation of SFC & LOC report	1+7	S. N. Thakur/CMS
			On Job	Proper checking of HSD & lube oil during de-cainting	1+7	Rajeev Kumar/JE
					0+8	

Phone Room	10.12.17	10.12.17 to 11.12.17	On Job	Proper chasing of loco in line as overdue/dead/failure.	1+5	B. K. Manglam/SSE
	11.12.17		On Job	Loco schedule due/done register maintain properly.	0+5	
Time Section & office	10.12.17	10.12.17 to 11.12.17	On Job	Staff leave record keeping properly	3+3	A. N. Pramod/Ch. OS
	11.12.17		+ Class room	Record of T/A & NDA of staff maintained properly	4+4	
Ministerial staff	10.12.17	10.12.17 to 11.12.17	On Job	DAR, man power planning, BOS budget & issue of pass as leave reserve.	OS- 12	
	11.12.17		+ Class room			

- > In Mechanical/major, Mechanical Medium, M/W & spare cell sections, staff have been trained on more than one work centers.
- > Total 518 staffs out of 518 on roll staff have been covered under Project Subsham, as per above details.
- > In addition 57 supervisors out of on roll 57 supervisors have also been trained by officers & Senior Supervisor.

It is for kind information please.


09.01.18

Sr. DME (D)/SPJ
Diesel Shed, Samastipur

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