

EASTERN RAILWAY

Revised Training Module for Combined Promotional cum Conversion Course from DSL Asstt. Loco Pilot / Sr. Asstt. Loco Pilot / LPS to Electric Loco Pilot (Goods).

Present Duration: Promotional Course for LPG (Loco RNG – 2) = **78 Days (13 Weeks)** and
Conversion Course for LPG = **36 Days (6 Weeks)**

Revised Duration: Promotional cum Conversion Course for LPG = **90 Days (15 Weeks).**

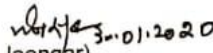
Module no.	Description	Present duration (Days)	Revised duration (Days)
RNG -21	Introduction – Different types of Electric locos in service	½	1
RNG -22	Location and brief role of electrical power, auxiliary, control and cab equipment on conventional equipment on conventional locos. Precautions to be taken before and after wedging relays and contactors.	2	4
RNG -23	Description of various electrical circuits of conventional locos with various trouble shooting.	3 ½	5
RNG -24	Location of pneumatic valves & equipment on conventional locos	1	1
RNG -25	Description & testing of IRVAB-2 pneumatic circuit on conventional locos	1	1
RNG -26	Location and checking of under frame / body equipment on conventional locos	1	1
RNG -27	Locations and brief electrical power, auxiliary, control / electronics circuit and cab equipment on three phase locos.	3	4
RNG -28	Description & trouble shooting on various electrical circuits on three phase locos. How to isolate traction bogie & put isolated traction bogie in service? How to isolate traction converter, etc?	2	4
RNG -29	Location of pneumatic valves & equipment on three phase locos and their functioning, isolating, etc.	1	2
RNG -30	Description and testing of E-70 / CCB pneumatic circuit on three phase locos. How to activate PTDC system with location in Knorr's brake loco?	2	2
RNG -31	Location and checking of under frame / body equipment on three phase locos.	1	2
RNG -32	New generation equipment (s).	2	3
RNG -33	Various safety items on different class of locos, their checking along with loco preparation for service and trouble shooting	4	5
RNG -35	Traction Distribution	1	2
RNG -118E	Good driving techniques	3	3
	Simulator training	6	6
	Feedback & discussion and Examination.	1	1
RNG -34 , RNG -117 & RNG -36 to RNG -47	Fire prevention, Warning and fighting measures on electric locos, Carriage & wagon – Brake system and trouble shooting and Transportation (GR & SR, Stations, System of Working, Signals, Defective signals, OPT forms, Whistle code, Working of trains, Engineering Signals, Abnormal Working, Shunting, Accident Prevention, Disaster Management) at ZRTI / BHULI.	25	25
	Loco / Train handling on line (under concerned Sr. DEE / OP)	18	18
	Total days	78	90

Note: (i) Only LPS (DSL) to be nominated in this course, if they have not attended LPG (DSL) promotional (Loco RNG -4) course.

(ii) Module no. RNG -21 to 33, 35, 118E, Simulator training, Feedback & discussion and Examination (47 Working days) **at ETC/ASN.**



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 (C. S. Jeengar)
 Principal Chief Electrical Engineer
 Eastern Railway