

Annexure

Course module for Traction Loco Controller (TLCs & CLIs)

Duration- 06 days.

	Topic	Duration
	I. Conventional Loco	
1.	Brief knowledge of Feeding Power Circuit & Traction Power Circuit, Auxiliary Power Circuit & its Protection. MPCS fitted loco. MPCS and SIV fitted loco. Important Control Circuits. Trouble Shooting of Conventional loco. MU operation. Shed Visit.	1 day
2.	Trouble Shooting & Discussion on important line failures.	½ day
	II. 3-phase loco	
	3-phase loco (E-70 & CCB), WAG-9(TWIN) operation. Trouble shooting & Discussion on important line failures. Shed Visit.	1 day
	III. WAG-12	
	Important features and Trouble Shooting for Incorrect operation State (IOS). Discussion on latest on line of failures of WAG-12 loco.	1 day
	IV. EMU/MEMU. Vande Bharat, Amrit Bharat	
1.	Conv and 3-phase EMU/MEMU, Vande Bharat, Amrit Bharat (Push pull) . Important Trouble shooting with Discussion on latest on line of failures	1 day
2.	Amrit Bharat (Push Pull)	½ day
	V. DSL Loco/DEMU	
	Important Trouble shooting of DSL loco (Alco & HHP) & DEMU	½ day
	VI	
	Assessment/feed back	½ day
	Total	06 days

Note: As no availability of DSL loco/DEMU/Vande Bharat/Amrit Bharat/WAG-12/WAG-9(Twin) etc at ASN end, practical training to be arranged at the respective division of the staffs.