

COACHING BASIC SYNOPSIS

1. Introduction to various systems of Train Lighting system.
2. Types of Coaches, Coach Wiring, Lighting and Fans, Pantry items, ETL box
3. Drive-System & Belts, Alternators & Regulators.
4. Batteries, Different Types & Maintenance.
5. Air Conditioning Systems on Coaches, Heat Load calculations,
Pre-Cooling and Pull Down Tests
6. Parallel Operation Test (Dyno-drive)
7. End-on-Generation and Head on Generation systems
8. Coaching depot working, Sr.DEE's position, Pit occupation chart, Sick line
attention, Primary and Secondary maintenance
9. Rake Links, Requirement of Coaches, Staff benchmarking
10. Duties of AC coach in-charge and AC coach attendant
11. Power Car, Pantry Car, Mini/sub pantry equipment.
12. HOG & Push pull Operation – Modifications done in LHB coaches.
13. Failures of Coach Equipment & remedial Action Plan.
14. 16-point action plan for maintenance of AC coaches
15. Fire in coaches - Case-studies and precautions.
16. ICMS: Detention and Punctuality Monitoring, One Page Failure Report and De-
Logging note.