

## CHAPTER - XVII

### WORKING OF TRAINS ON ELECTRIFIED SECTIONS OF RAILWAYS

#### 17.01. Applicability of General Rules.—

**All rules referring to the working of trains shall also apply to electrified sections except as otherwise provided in the rules contained in this Chapter.**

S.R.17.01.1.1. All subsidiary rules and special instructions which control the movement and operation of diesel trains shall also apply to the movement and operation of electric trains, except as otherwise provided for in these rules.

S.R.17.01.1.2.1. All officials connected with movement of electric rolling stock shall have a thorough knowledge of these rules. They shall also be responsible for ensuring that staff working under them are thoroughly conversant with the instructions relating to their work and the correct procedure to be followed under normal conditions as well as in an emergency.

S.R.17.01.1.2.2 Every railway servant, supplied with these rules shall make himself thoroughly acquainted with the rules and shall be held responsible for knowledge of and compliance with them.

#### 17.02. Special definitions applicable to this chapter.—

**In these rules, unless the context otherwise requires,-**

- (1) “*electrical way and works*” means the traction installations including overhead equipment and other connected works provided on the electrified sections of the railway.**

S.R.17.02.1.1. Electrical equipment means any apparatus used for generation, transmission or utilisation of electrical energy.

S.R.17.01.1.2. Transmission line means cables or bare overhead conductors by means of which electrical energy is transmitted between various points of a distribution system.

- (2) “*feeding post*” means a supply control post, where the incoming feeder lines from grid sub-station are terminated;**

S.R.17.02.2.1 ‘Feeder’ means a conductor connecting (a) a generating station with a sub-station, or feeding point, or (b) a sub-station with a feeding point.

S.R.17.02.2.2 ‘Feeder’ also means a conductor connecting, a supply control post to a grid sub-station, and a supply control post or switch gantry to a feeding point. Feeder also includes a conductor connecting OHE to switching station.

- (3) “*neutral section*” means a short section of insulated and dead overhead equipment which separates the areas fed by adjacent sub-stations or feeding posts;**

S.R. 17.02.3. Neutral section is provided mid-way between two consecutive sub-stations.

- (4) “*Power Block*” means blocking of a section of line to electric traffic only;**

- (5) “*supply control post*” means an assembly of interrupters, isolator switches, remote control equipment and other apparatus provided for controlling power supply to overhead equipment. It includes feeding posts, sectioning and paralleling post, sub-sectioning and paralleling posts and sub-sectioning posts;**