

## CHAPTER I

### DESCRIPTION OF BLOCK INSTRUMENTS, INDOOR APPARATUS AND OUTDOOR APPARATUS

*Note: 1. The term' Station Master' wherever used in this Manual, also applies to Assistant Station Master, Cabin Assistant Station Master, Cabin Master / Switchman and any other competent staff, who may, for the time being, be in charge of block working.*

*2. The name of stations as represented by W, X, Y and Z in this Manual and the number, direction and description of trains mentioned shall be read only as examples. In actual working, the proper names of the stations and the number, direction and description of trains shall be used.*

#### 1.1. Provision of Block Instrument:

The following types of Token less Block Instruments are in use on certain Single Line sections of this Railway.

- a) Daido Handle Type and
- b) Push Button Type: Following types of Push Button type Block Instruments are provided in this Railway.
  - i. Kyosan make;
  - ii. Podanur make and
  - iii. Axle Counter Proven Block Panel: Following types of Axle Counter Proven Block Instruments are provided on this Railway:
    - a) UFSBI and
    - b) SSBPAC (D) - Single Line.

The sections of the line provided with these Block Instruments are notified in the Working Time Table for passenger trains.

#### 1.2. Parts and description of Daido Handle Type Token less Block Instrument: (See Figure No. 3 at the end of this Chapter)

These instruments are provided at two consecutive block stations 'X' and 'Y' on the single line to control trains passing over both the Up and Down block sections between these stations. These instruments are electrically connected with each other. Each block instrument contains the following parts as shown in figure No.3