

CHAPTER I

Description of Token Block Instruments

Note: (i) The term 'Station Master' wherever used in this Manual, also applies to Assistant Station Master, Cabin Assistant Station Master, and any other competent staff who may, for the time being, be in charge of Block Working.

(ii) For the purpose of explaining the instructions in this Manual, 'W', 'X', 'Y' and 'Z' have been taken as consecutive block stations.

1.1. Provision of token block instruments :

- a) The types of token block instruments in use on the single line sections of this railway are :
 - i) Neale's Ball token instrument.
 - ii) Neale's Tablet token instrument.
- b) The sections of the line provided with these token block instruments are notified in the Working Time Table.

1.2. Description of Neale's Ball token instrument:

(See Figure No.1 at the end of this Chapter)

a)	Token receiver cover	The token receiver cover should be lifted for inserting the token into the instrument.
b)	Token receiver handle.	This should be turned for a token to fall into the instrument
c)	Galvanometer	This indicates the flow of current from one instrument to another
d)	Telephone	This is provided in conjunction with the instrument for communication with the station at the other end of the block section

e)	Plunger	This is used for transmission of 'Bell Code' signals and operation of 'Operating Handle'.
f)	Operating Handle	This can be set to 'Line Closed' or 'TGT' or 'TCF' positions. It can be turned to any one of these
		positions, when a prolonged beat is received from the station at the other end of the block section
g)	Token Exit	A Token comes out through this exit when the 'Operating Handle' is turned to the 'TGT' position.
h)	Token Windows	This indicates the availability of tokens in the instrument.
j)	Bell	This responds to Bell Code signals given by the station at the other end of the block section. At stations provided with more than one instrument, different bells or gongs with distinct sound are provided to identify the individual instrument
k)	'E' type lock with key in 'Train Going To' position	This is provided where the Last Stop Signal is controlled mechanically through the block instruments. The key can be released only when the block handle is in 'Train Going To' position and is used for controlling the Last Stop Signal lever. This key can also be used for controlling the slip siding points.