

*Safety Point Alarm Unit alerts the station master when point is not set against the occupied line within 3minutes after arrival of the train on the berthing track. It prevents collision of trains in case of mistake by one loco pilot. It monitors the status of lines and their points continuously and generates audio-visual alarm. It is provided in the SM room and connected to station data logger.*

*Visual alarm is given by lighting LED for each line. Audio alarm is also generated simultaneously. After Acknowledgment button is pressed by SM, announcement is stopped but LED is continued to be lit. LED extinguishes when points are correctly set by SM.*

## Audio-Visual Alarm to Station Master for setting points against occupied line



## SALIENT FEATURES

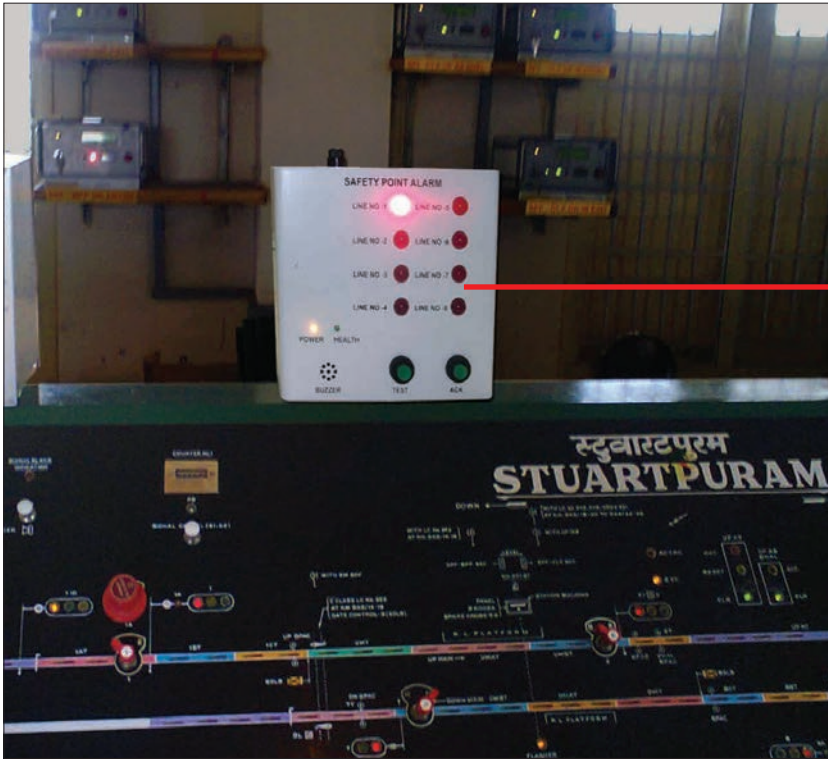
- ❖ Alarm is generated when points are not set in rear & front for single line and in rear only for double line.
- ❖ No alarm is generated, when all lines are occupied.
- ❖ Helps SM in implementation of General Rule: **GR 3.38(2)** – Setting the points against occupied line.
- ❖ Monitoring performance of SM in implementation of GR 3.38(2) from Control Office is possible.
- ❖ Audio alert can be buzzer or voice announcement (Hindi, English).

## SPECIFICATIONS

- ❖ Operating voltage 24V DC(18V - 36V).
- ❖ Operating Temperature -10°C to +70°C.
- ❖ Communication with Data Logger: Isolated Current loop serial port.
- ❖ Maximum number of lines that can be monitored: 7
- ❖ Visual indications: 10 mm RED LEDs.

# SAFETY POINT ALARM SYSTEM

## INSTALLATIONS



**'R & D'**  
Recognised by  
**DSIR**  
Govt. of INDIA

  
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**ISO 9001 : 2008**  
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**RDSO**  
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