# SOUTH CENTRAL RAILWAY

**Safety.387/Fly Leaf/17/2025**

## Fly Leaf No. 17/ 2025

**Attention..... All Concerned .....**

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## Instruction for FSDS during Dead Coach Movement. (LHB & ICF Coaches Stock).

(Maintenance Manual for Fire and Smoke Detection System (FSDS) and Fire Detection and Suppression System (FDSS) Volume-2 (LHB & ICF Coaches) IRCAMTECH / GWL / M / FSDS / FDSS / 1.0, October, 2024**)**

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**A. If the coaches are detached for sick-line attention, IOH/SS-I/SS-II/SS-III schedule or any dead attach movement for parent depot, following activities to be followed:**

(i) Coach to be moved as empty in a locked condition.

(ii) MCB of FSDS is to be switched **"OFF"**.

(iii) The connection of FSDS with its battery (**Wagon terminal no. 1**) should be disconnected.

(iv) Brake valve of FSDS is to be isolated.

(v) A sticker is also to be pasted on FSDS panel. The sticker shall be as under

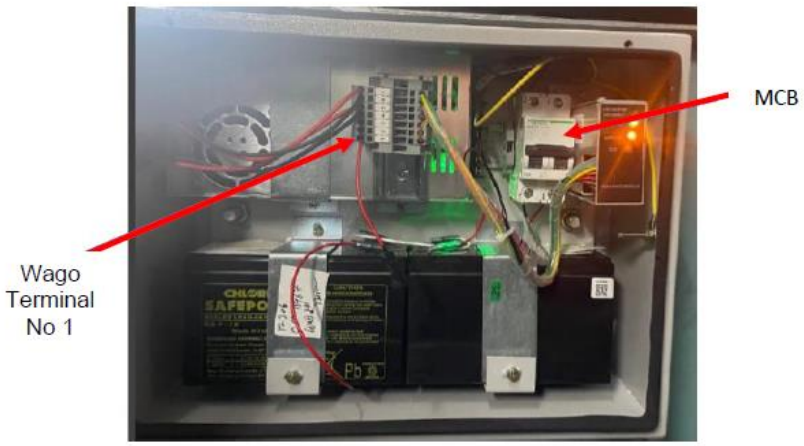
**"MCB of FSDS shall be switched "OFF" and Wagon (Terminal no. 1) connection shall be disconnected. Brake valve is also to be isolated"**

**a) Steps for Isolating the Battery of the Power panel (FDS).**

(i) Drop the MCB to down position to switch off 110 V power supply.

(ii) Remove Cable from Wagon terminal No 1 and apply insulation tape on the exposed end.

(iii) For reinstating the Battery re-join same cable at Wagon terminal No 1 and switch on the MCB for reinstating 110 V DC power supply.



**Isolate the Brake Valve pneumatically situated on the under frame as shown in the figure below:**



**Open Position**



**Isolated Position**

**b) Procedure to be followed to isolated the Brake Valve.**

(i) Remove/ loose/unscrew the Locking Clamp arrangement provided to Brake Valve Handle.

(ii) To isolate move/rotate the Brake Valve Handle from Parallel **(180°)** to perpendicular **(90°)** direction to Pipe Line.

**B. Whenever coaches are fit to be attached again with rake, following needs to be ensured during attachment in rake:**

(i) Brake valve to be in normal functioning position (Handle position to open).

(ii) Cable to be connected to Wagon terminal no. 1 and MCB of FSDS is to be switched "ON".

(iii) Sticker pasted on FSDS panel etc. to be removed.

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**SAFETY ORGANISATION** **SOUTH CENTRAL RAILWAY**

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