

### **Fire Prevention Measures in EMU MEMU**

<b>1.</b>	<b>Provision of temper checker marker on nut and bolt of power cable terminal after tightening with adequate torque</b>
<b>2.</b>	<b>Transparent heat shrinkable sleeve at crimping area of power cable lug</b>
<b>3.</b>	<b>Irreversible thermal strips at power cable terminals</b>
<b>4.</b>	<b>Borescopes/endoscope to see condition of Power cable in Junction boxes</b>
<b>5.</b>	<b>Thermal imaging of cable as per RDSO maintenance schedules to identify pattern of loose connections flashing etc and ensure tightness,</b>
<b>6.</b>	<b>Ensuring tightness of loose cable connections in power and control circuits</b>
<b>7.</b>	<b>Checking of condition of power and control cables and change on condition basis</b>
<b>8.</b>	<b>Modification in Transformer oil pipeline arrangement on rectifier side to improve accessibility to Transformer cable J2 junction box</b>
<b>9.</b>	<b>Shifting of pneumatic pipeline of Air suspension and parking Brake to ease inspection of J2 Junction box</b>
<b>10.</b>	<b>Modification of dimensions of 125 L Air reservoir in front of Transformer cable J1 junction box to improve accessibility to the same</b>
<b>11.</b>	<b>Removal of Rectifier assembly to check power cables</b>
<b>12.</b>	<b>Retro fitment of Aerosol based fire suppression system</b>
<b>13.</b>	<b>Retro fitment of fire detection system</b>
<b>14.</b>	<b>Provision of Fire detection system and Aerosol based fire suppression system in the rakes turned out from PUs.</b>