

**Government of India**  
**Ministry of Railways**  
**Research, Designs & Standards Organisation**  
**Manak Nagar, Lucknow - 226 011**

No.EL/3.2.1/2/J

22.4.1985.

**MODIFICATION SHEET NO. RDSO/WAM4/141**

**MODIFICATION TO EXPLOSION VANT OF TRANSFORMERS TO  
PREVENT OIL SPLASHING INSIDE THE LOCOMOTIVE.**

**1. OBJECT**

Railways have reported that oil gets splashed inside the locomotive whenever the explosion vent operates due to inner pressure build up since this can cause a fire inside the loco, it has been decided to modify the explosion vent by providing a cover that can be screwed - in and which will prevent the oil splashing inside the loco. In the modified arrangement the oil prevented from splashing will get drained off by the drain pipe when the explosion vent operates.

**2. WORK TO BE CARRIED OUT:**

A cover should be fabricated as per the drawing enclosed (SK. EL. 3822) and mounted above the explosion vent.

**3. APPLICATION**

All ac electric locomotives.

**4. MATERIAL REQUIRED**

Explosion vent cover with mounting arrangement.

**5. MATERIAL SURPLUS**

Nil.

**6. REFERENCE**

Nil.

**7. AGENCY OF IMPLEMENTATION:**

All ac Electric Loco Sheds and POH Shops.

**8. DISTRIBUTION**

As per list attached.



(M. M.PRAKASAM)  
for Director General(Elect)

Encl: SK EL-3822 Mailing list.

