

STARTING NOISE FROM LOCOMOTIVE 58 043

The noise levels produced on starting the locomotive have been measured. Two starting procedures were used. The first was the procedure required by a proposed EEC Directive, while the second allowed the locomotive to attain its full power as it passed the measuring point.

The results have shown that the noise emission from this locomotive, on starting, is of the order of 95dB(A), which is the limit specified within the proposals. They have also shown that the noise produced during full power starting is consistently higher than that produced using the EEC procedure.

A significant finding of this study was that the engine cooling fans are a major contributor to external noise.