



LOUTH TRANSFORMER COMPANY LIMITED

EMC STATEMENT

With regard to both the EMC (89/336EEC) & Low Voltage (73/23/EEC) Directives it is Louth Transformer Company's considered opinion and experience that a transformer is an inert, benign electrical apparatus, consisting of a core and windings that will not generate conducted Electromagnetic Interference (EMI). Although there are radiated emissions, these are only at the electrical supply frequency, and are screened by the transformer's earthed metal housing if applicable.

It must however be noted that any conducted Electromagnetic Interference (EMI) already present on the electrical supply to a transformer may pass through it to the load, similarly any load generated interference may pass back through the transformer on to the supply. This interference will not be amplified by the transformer and will, in most cases be attenuated due to the inclusion of an earthed, copper, inter-winding screen, if fitted.