



European E Mark Certification



E-mark certification

The European Commission has published the Directive “2004/104/EC” on 13th November 2004 followed by “2005/49/EC”, “2005/83/EC”, “2006/28/EC” and the new adoption directive “2009/19/EC” on 12th March 2009 concerning the EMC of motor vehicles and their electrical and electronic components, which forms part of European legislation for automotive type approval.

The Directive “2004/104/EC”, adopted by “2005/49/EC”, “2005/83/EC”, “2006/28/EC” and “2009/19/EC” replaces the previous automotive EMC directive “95/54/EC”, which was based on “72/245/EEC”, a directive handling only the on the suppression of electrical noise from spark-ignition engines.

All Electrical equipment (including telecommunications equipment) intended to be fitted to a motor vehicle is considered to be an “Electronic Sub Assembly (ESA)” or “Aftermarket equipment” and must meet the EMC-requirements of the automotive directive. For that reason, e-Mark/E-Mark certification which is approved after stringent EMC and other tests is an indicator of conformity of a GPS based vehicle tracking device communicating over GSM (GPRS/Edge/3G) network.