

## **The Results of a Survey on the Regulation of a Electromagnetic Field in Railway System**

Hitoshi HASEGAWA    Yoshihito KATO    Masateru IKEHATA  
Takayuki NAKAMURA    Kazuki NAKAMURA    Hidenori SIGEEDA

Recently, there is an activity on the regulation of an electromagnetic field, for example, Ministry of Land, Infrastructure, Transport and Tourism notification "Regulation regarding prevention of the health effect of the public by the electromagnetic induction action from electric equipment of a railroad" which went into effect in January, 2012. According to this regulation, numerical value is imposed regarding the magnetic field from ground electricity equipment. On the contrary, social concern is high although regulation is not shown about a magnetic field in the vehicle. In this report, we investigated the latest trend and summarized concerning the regulation and the standard of a magnetic field relevant to a railway.