

**Development of the Maintenance Management Method for Ground Coil Applied
Information Technology**

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In Magnetically Levitated transportation (MAGLEV) system, a huge number of ground coils will be required for outdoor use over an extended period. Therefore, periodical maintenance work is inevitable to secure the performance in stable operation of the ground coils. Therefore, an establishment of maintenance management method which is reasonable and simple is extremely important when we secure maintenance cost reduction and the reliability of the system. In this paper, we examined an individual information management method applied IC tag for ground coil and self-diagnose method for ground coil aimed at advanced prevention of trouble.