

### **Suppression of Fungal Growth in Offices of Railway Facilities Where Unpleasant Odors Exist**

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There are offices and accommodation rooms with no windows that exist in the underground and under the viaducts of railways facilities. In some cases, there is fungal growth on the walls (gypsum boards) and occurrence of unpleasant odors in these rooms. In this study, Fungal Index (FI) of the surface of gypsum boards was surveyed under the conditions with/without high humidity of the back side of the boards in a chamber of constant temperature and humidity. As the result, FI of the surface of boards with high humidity of the back side of the boards was higher than that of the surface of boards without high humidity of the back side of the boards in the chamber set at humidity of 70% and 80%, at temperature of 25°C . But FI was not detected under the condition with/without high humidity in the chamber set at humidity of 60%.