

Fundamental Consideration of Corrosion/Salt Damage Environment Quantification in OCL

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There are many researches tackling the extension of the life of OCL material. However, in these researches there are few indicators or ideas quantitatively indicating the corrosive environment. This paper shows various environment data acquired from beside the railway track in a short period (about two weeks) and a medium period (about half a year) aiming at quantification of the environment evaluation. Furthermore, this paper shows the results of the basic study on quantifying the environment evaluation based on the results of a medium period measurement.