

**Method to Support Risk Management of Human Error
in the Track Maintenance Work**

Kazunori HAYAMA Yumeko MIYACHI Ryo NAKAMURA
Toru SHIBATA Hiroatsu KIMURA Eiichi OKETANI

In order to find out an effective measure to prevent human error among several measures, it is necessary to decide the order of priority of the measures from the viewpoint of the purpose and the effect. Therefore, the authors developed “human error risk management method”. This is a method for evaluating by considering “the influence level of the factor to cause errors” on the risk value evaluated by the combination of “possibility of being of an error” and “worst accident probable to occur due to the error”. Consequently, we could present the method of management of human error prevention, which is adoptable in a rail track maintenance office. In this paper, we introduced the example of applying this method to the track maintenance.