

Development of Grinding Stones Improving Efficiency of Rail Grinding

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Rail grinding has been involved as one of the maintenance operations to mitigate rail damages such as shelling and corrugation. In order to improve the efficiency of grinding operation in the field, we developed new grinding stones and evaluated their performance in this study. We verified that the developed grinding stone had an improved grinding capability compared with the current grinding stone. Based on these results, these results show that the developed grinding stone has a potential in future introduction for field grinding operations.