

عنوان مقاله:

Frequent wheel wear measurements in enhancing stability and safety of rail vehicles— a comparison of conventional devices

محل انتشار:

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نویسندگان:

Ali Asadi Lari - *PhD in Railway Engineering, Rolling Stock Dept, Iran University of Science and Technology, School of Railway Engineering, Tehran ۱۶۸۴۴, Iran*

Ahmad Fallah - *RAJA Company, Technical Deputy Division, R&D Dept, Tehran, Iran*

Felix Schmid - *The University of Birmingham, Civil Engineering Dept, Edgbaston Birmingham B۱۵ ۲TT, UK*

خلاصه مقاله:

In order to control railway wheel wear, two approaches are adopted. The first approach to measurement of wear relies on visual tests by a member of staff followed by using a go-no go gauge. In the second approach, largely use for research-oriented measurement, wear is measured by using conventional devices: namely, either a Miniprof or an adjustable control gauge. Both of the latter methods have advantages and drawbacks when employed near operational railways. This paper describes the results of a study for implementing a set of field-tests on Iranian Railways based on the second approach mentioned. The main aim of this paper is to maintain the quality of the wheel .wear measurement when the amount of such activity is increasing

کلمات کلیدی:

wheel profile measurement, wheel wear, conventional and non-conventional measurements

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