

New Psychological Aptitude Tests System for Train Operation Staff

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We carried out four new tests to 1,484 train operation staff and analyzed the correlation between the results of the present and new tests and staff's experience of railway accidents or transport disorders. Based on these results, we proposed a new test system. According to this new system, Task performance test will be carried out subsequently; Choice reaction test will be changed to Multiplex selective reaction test; the first half of Intelligence test intended to measure the speed and accuracy of perception will be carried out subsequently and will constitute a new test together with Interruption control test; and the other half of the Intelligence test and Attention distribution test will be discontinued.