

Does the Shinkansen Driver Have to Take the Additional Aptitude Tests ?

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A person who tries to become the Shinkansen driver takes the aptitude tests which aren't taken in case of the meter-gauge lines driver. To examine the need of these tests, the risk of the accident caused by the assumed human error was assessed by the past accident records, one railroad company's experts, and another railroad company's experts. All the results of the risk assessment revealed that the risk of the accident caused by the Shinkansen driver was smaller than that of the meter-gauge lines driver. On the other hand, the characteristics of the errors of the Shinkansen driver and those of the errors of the meter-gauge lines driver were compared by experts. Then no essential differences were found out between each of them. Thus, it seems that the additional aptitude tests for the Shinkansen driver are not necessary.