

Basic Study on Deregulation for Use of Hydrogen and Hydrogen Transport by Railway

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Technological development using hydrogen, such as fuel cells, is a focus of attention as one of the solutions to global environmental and energy problems. In the railway sector, railway vehicles using fuel cells are being developed. However, equipment that requires handling of high-pressure gases is still rare in the railway sector. This paper reports the findings of an investigation of the restrictions on the handling of high-pressure gases relating to the development of fuel cell vehicles and railway transport of liquid-hydrogen.