

## RTRI Launched Rail Maintenance & Welding Laboratory

On October 2, 2017, Rail Maintenance & Welding Laboratory was launched as a new laboratory in the Track Technology Division of RTRI. This laboratory will take the responsibilities of research and development and technical support on rail maintenance, and it will quickly meet the needs of railway operators.

RTRI has developed rail flaw detection technologies, rail repair techniques, anti-corrosion measures and rail welding techniques for continuous welded rail. The new laboratory will actively utilize ICT including AI and develop high-speed, non-contact rail flaw detection technologies and techniques to detect broken rails without using track circuit. This laboratory has also taken over the research work on rail welding from the former Rail Welding Laboratory.



