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| 2025 No. 2 | Rolling Stock 2 | Rolling Stock Maintenance Planning and Advanced ATO Control Function (Station Stop Accuracy & Ride Comfort) |
| | Advanced Course | |



Rolling stock maintenance

KEY POINT

By learning the PDCA cycle in rolling stock maintenance, you will understand the necessary activities required for rolling stock maintenance and be able to perform high quality maintenance.

OVERVIEW

In order to support safe and stable transportation, Tokyo Metro performs planned and optimal rolling stock maintenance by grabbing and managing information on malfunctions and predictive signs to keep rolling stock in sound condition.

We will introduce an example of specific improvement activities to achieve higher quality transportation, along with the PDCA cycle in rolling stock maintenance.

LECTURE CONTENTS

1) Overview of rolling stock maintenance

- Basics about maintenance contents and cycles, etc.

2) PDCA cycle for rolling stock maintenance

- Introduction of specific activities to plan, implement, check, and improve maintenance

3) Higher quality transportation: Basic and advanced functions in ATO

-Improvement of stopping accuracy and ride comfort-

- Introduction of advanced functions of ATO (Automatic Train Operation), such as coordination with propulsion system and brake, improvement of stopping accuracy, and control methods for rainy weather and approaching preceding trains

KEY DETAILS

Dates and Times

January 21 and 23, 2025 (The same content will be presented on each day.)

-January 21, 2025, 5:00 p.m. JST / 9:00 a.m. CET / 3:00 a.m. EST <Duration: 2 hours>

-January 23, 2025, 9:00 a.m. JST / 1:00 a.m. CET / 7:00 p.m. (22nd) EST <Duration: 2 hours>

Targets

Advanced Course: for those who have 3 years or more experience in the railway industry.

Location

Online (Microsoft Teams)

Language

English

Lecture Fee

20,000 JPY (per day) Note: Applications within Japan are subject to the tax separately.

* Cut-off date: Please apply at least one business day before each lecture in order to receive related-materials by email in advance.

Certificate

Attendance Certificate (digital) will be issued.

LECTURER



SATORU OHASHI

Joined 2002. Based on his experience in rolling stock design (mainly electrical system), daily maintenance and troubleshooting in the inspection yard, failure management section, etc., he has worked on various overseas projects related to rolling stock.



DAIKI NAKAMURA

Joined 2009. Based on his experience in daily maintenance in the inspection yard, rolling stock design (mainly mechanical equipment), overseas procurement of rolling stock equipment, project management of newly built rolling stock, etc., he has worked on various overseas projects related to rolling stock.

More Info and application



<https://sites.google.com/tokyometroacademy.com/index>

You can apply regardless of your field.