

# EXPERTISE OF AXLES FOR LOCOMOTIVES AND PASSENGER COACHES



## TARGET AUDIENCE

Rolling stock maintenance technicians.



## GOALS

Master the process and know how to use the tools to carry out an expertise on an axle under vehicle, including the drafting of a damage report.



## PREREQUISITES

- Minimum of 6 months experience in running gear activity
- Completion of (IFF MA 01) "Fundamentals of running gear technology"



## EDUCATIONAL MODALITIES

Theory and practice on real axles.



## DURATION: 4,5 Days



## PROGRAM

- Know the terminology and the role of each of the components of a box-lift axle;
- Know the identification of an axle, know how to make recordings including a damage report;
- Know the general architecture of axle maintenance documents; Know the axle maintenance documentation;
- Determine the maintenance interval of an axle Identify the information necessary to carry out an expertise on an axle under the vehicle;
- Know how to carry out the expertise of an axle under vehicle and know the various other control points (boxes);
- Know the different degradations of an axle: Know how to carry out a dimensional survey;
- Know how to place the axles on the vehicle;
- Know how to store and handle axles.

• **Level 2 assessment:** Skills assessment acquired at the end of training ➔ **Yes**