



RAILWAY
SYSTEMS

INSTALLATION SUPPORT, CONSTRUCTION SUPERVISION AND ACCEPTANCE TESTS

EXTENSION OF LIFETIME THROUGH PROFESSIONAL SUPPORT

Description

The consistent strategic transformation of voestalpine into a full-service provider generates tangible benefits for railway operators and railway construction companies through significantly improved track availability and reduced maintenance costs. Proper installation extends the maintenance intervals and improves the lifecycle of the track. Therefore, installation support and supervision are both very important for the initial quality of turnouts.

We act as a coordinator on site for contractors and customers. We act as an interface to the project management, or we can even take over these duties for the customer.

Benefits to the customer

- » Project handling on site (full-service provider)
- » Coordinator on site for the customer and contractor
- » Management of the construction log
- » Billing of company services by using corresponding construction software
- » Handover of the site to the authorities after the completion of the activities



SERVICE DESCRIPTION

CONSTRUCTION CONSULTANCY

In order to avoid errors occurring at the very beginning, we assist our customers in the design and alignment phase. It includes services such as:

- » Construction project planning
- » Surveying the installation site
- » Preparation of the Construction Safety Plan
- » Project management

INSTALLATION SUPPORT

Installation support is mostly ordered by railway operators or construction companies. To ensure proper and correct installation of the turnouts and other track components, our experts support the customers during the installation phase.

- » Training the workers
- » Supervising the installation work
- » Quality checks during installation

ACCEPTANCE TESTS

We draw up an acceptance report and commit the construction site together with the client. The operators usually release the track after approval of the construction site. In Austria, this approval is usually given by a person authorized in accordance with §40.

- » Expert report regarding quality and safety, in accordance with the construction plan and international standards applying to your railway project.
- » Direction, position and gauge are measured and reviewed
- » Ballast check
- » Signal processing (operational function of the switch)
- » The signaling system is checked
- » Insulating joints and all connectors are checked

FEASIBILITY STUDIES

In cases of extending your rail network or building a junction, we support you with our feasibility studies. This helps you to find the perfect solution for your railroad project.

- » Concept of the geometry of turnouts, tracks and signaling systems
- » Creation of a draft plan
- » Recommendation of the type of superstructure and signaling system
- » Overall cost estimation