



RAILWAY
SYSTEMS



REGULAR MAINTENANCE FOR TURNOUTS AND TRACKS

Ensure track availability through services and adjustments

Deburring and adjustments of turnouts and rails prolong the lifespan of both, and ensure track availability to the maximum. Therefore, it is necessary to have a maintenance service carried out once a year, always depending on the volume of traffic and the load of the train. Servicing of turnouts and rails prevent major damage and help to safeguard investments. Only well-maintained turnouts and tracks can ensure availability.

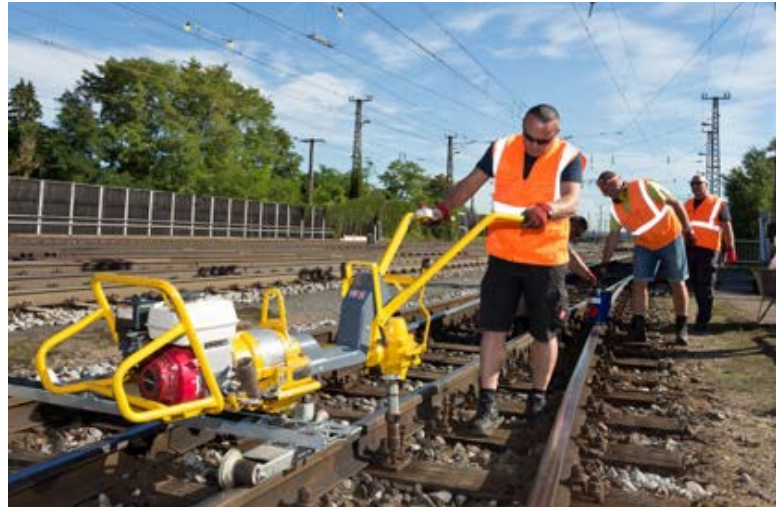
Regular maintenance is carried out with experienced track work experts.

Benefits to the customer

- » Ensures turnout availability
- » Increases the life cycle of the turnouts
- » Significant reduction of costs
- » Reduction of the risk of derailment
- » Avoids turnout malfunctions
- » Avoids increased dynamic load
- » Prevents disruptions, repair welding, and component replacement

voestalpine

ONE STEP AHEAD.



REGULAR MAINTENANCE

Checking the turnout condition

Initially the following parameters are checked:

- » Correct position of the tongue rail to the stock rail
- » Geometrical parameter of the whole turnout
- » Anti-creeping device
- » Position and conditions of sleepers

Grinding of turnout & tracks components

Damages (burrs, outbreaks and material flows) have to be removed to avoid bigger damage which could be dangerous for the passengers as well as expensive for the operator

- » Switches
- » Stock rails
- » Crossings
- » Intermediate rails

Inspection of sleepers

- » Conditions of sleepers
- » Screws
- » Strength, torque and position

Geometrical adjustment in the turnout, locking devices and end position detectors

Checks and adjustments are done at:

- » Gauge, quad check gauge
- » Switch flange way
- » Roller systems
- » Position of the switch
- » Insulated joints
- » Fastening material
- » Setting, locking and end position detection system

Final inspection and documentation

After the mentioned working activities and adjustments had been done all results are going to be documented.

- » Results of the checking activities and adjustments are documented and afterwards forwarded to the client
- » Finally, there is the final check and approval by the infrastructure company.