

AMBERG TRACK GEOMETRY RECORD (TGR)



ADD-ON MODULE FOR AMBERG RAIL 3.0 APPLICATIONS

Amberg Track Geometry Record (TGR) is a powerful application to present results of track geometry analysis as established measuring traces. Measured data from Amberg Tamping, Slab Track, Survey or 3D Clearance surveys form the basis for the extended track geometry analysis. The TGR module offers analysis of more than 80 track geometry parameters:

Measured values

- Gauge
- Superelevation

Calculated values

- Twist
- Curvature
- Left and right rail Axis
- Versines
- Horizontal and vertical Long and short
- Left and right rail Axis

Deviations (asbuilt/nominal)

- Horizontal and vertical axis
- Superelevation
- Gauge
- Versines

Changes over distance

- Twist
- Versines
- Gauge over 1 m

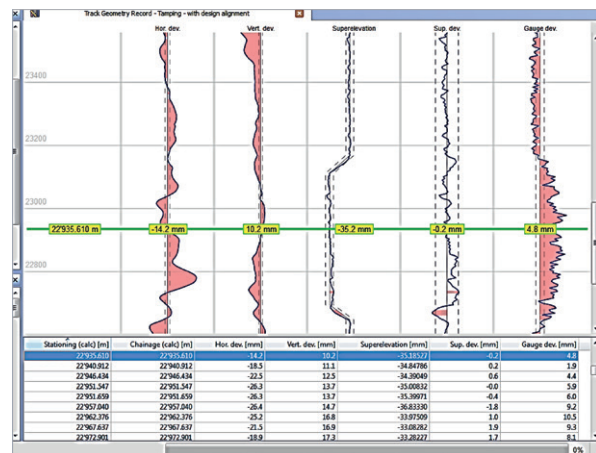
Additional Information

- Point codes and comments
- Control points

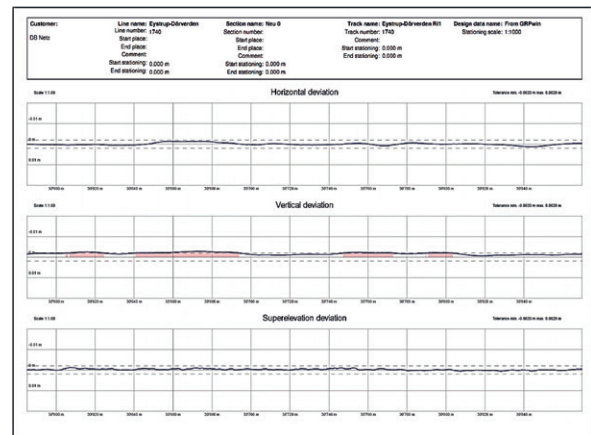
The traces can be output as diagram plots or exported as ASCII data. Type of data and in which order the graphs should be displayed (exported) can be defined by the user individually.

Use	Type	Application	Scale horizontal
☒	Control points	General	1:1.00
☒	Curvature	General	1:1.00
☒	Curvature left rail	General	1:1.00
☒	Curvature right rail	General	1:1.00
☒	Design superelevation	General	1:1.00
☒	Gauge change over 1m	General	1:1.00
☒	Gauge measured	General	1:1.00
☒	Horizontal correction	Tamping	1:1.00
☒	Horizontal correction left rail	SlabTrack	1:1.00
☒	Horizontal correction right rail	SlabTrack	1:1.00
☒	Horizontal deviation	General	1:1.00
☒	Horizontal deviation center line	General	1:1.00
☒	Horizontal deviation left rail	General	1:1.00
☒	Horizontal deviation right rail	General	1:1.00
☒	Horizontal leading rail	General	1:1.00
☒	Horizontal ramp	Tamping	1:1.00
☒	Horizontal versine left rail long	General	1:100.00
☒	Horizontal versine left rail long change	General	1:1.00
☒	Horizontal versine left rail long deviation	General	1:1.00
☒	Horizontal versine left rail short	General	1:100.00
☒	Horizontal versine left rail short change	General	1:1.00

Selection and definition of the graphs.



User configurable track view allows project specific track geometry analysis.



Scaled track geometry record as detailed project documentation.



Automatic page layout for graphical reports of longer project sections.