

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.

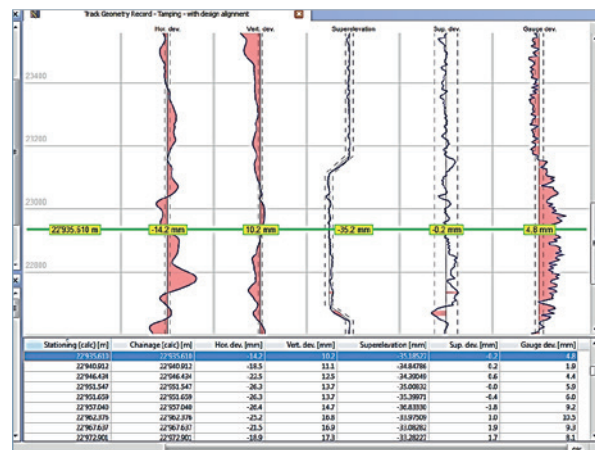
The TGR module offers analysis of more than 80 track geometry parameters:

Measured values	Deviations (asbuilt/nominal)
<ul style="list-style-type: none"> - Gauge - Superelevation 	<ul style="list-style-type: none"> - Horizontal and vertical axis - Superelevation - Gauge - Versines
Calculated values	Changes over distance
<ul style="list-style-type: none"> - Twist - Curvature - Left and right rail Axis - Versines - Horizontal and vertical Long and short - Left and right rail Axis 	<ul style="list-style-type: none"> - Twist - Versines - Gauge over 1 m
	Additional Information
	<ul style="list-style-type: none"> - Point codes and comments - Control points

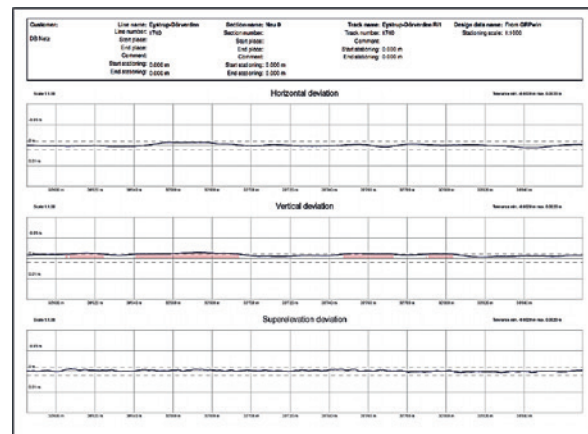
The traces can be output as diagram plots or exported as ASCII data. Type of data and in which order the graphs should be displayed (exported) can be defined by the user individually.

Use	Type	Application	Scale horizontal
<input checked="" type="checkbox"/>	Control points	General	
<input checked="" type="checkbox"/>	Curvature	General	1:1.00
<input checked="" type="checkbox"/>	Curvature left rail	General	1:1.00
<input checked="" type="checkbox"/>	Curvature right rail	General	1:1.00
<input checked="" type="checkbox"/>	Design superelevation	General	1:1.00
<input checked="" type="checkbox"/>	Gauge change over 1m	General	1:1.00
<input checked="" type="checkbox"/>	Gauge measured	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal correction	Tamping	1:1.00
<input checked="" type="checkbox"/>	Horizontal correction left rail	SlabTrack	1:1.00
<input checked="" type="checkbox"/>	Horizontal correction right rail	SlabTrack	1:1.00
<input checked="" type="checkbox"/>	Horizontal deviation	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal deviation center line	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal deviation left rail	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal deviation right rail	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal leading rail	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal ramp	Tamping	1:1.00
<input checked="" type="checkbox"/>	Horizontal versine left rail long	General	1:100.00
<input checked="" type="checkbox"/>	Horizontal versine left rail long change	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal versine left rail long deviation	General	1:1.00
<input checked="" type="checkbox"/>	Horizontal versine left rail short	General	1:100.00
<input checked="" type="checkbox"/>	Horizontal versine left rail short change	General	1:1.00

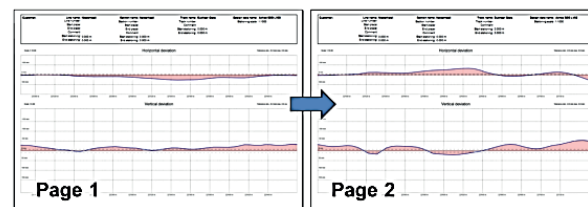
Selection and definition of the graphs



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