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General project details describing the automated ballast bonding system project

○ Temporary ballast bonding ○ Permanent ballast bonding

Project:……...

Location:……..

Track Nr.:……

Route kilometres of the entire project (from – to):……..……..

Route kilometres of the planned ballast bonding section:……..……..

Purpose description of ballast bonding section:……

Construction time related to ballast bonding (month / day / night):……..….

Specification of water protection areas, Km:……

Specification of groundwater level to the track grating:……..……..

Indication of the condition of the ballast bed to be bonded (with indication of the underlying investigations): **APPENDIX** 1

Indication of the layers to be expected below the ballast during excavation of the excavation pit (according to the loose rock definition): **APPENDIX 2**

Excavation length, width and depth incl. (indicate geometry of trench and immediate surroundings in cross-section - all typical and extreme cross-sections with cross profile railway body): **APPENDIX 3**

Operation on the track secured by the ballast bonding with the pit open (incl. indication of speed and maximum weight load Bt.):

……..

Does track to be secured by means of ballast bonding have a ballast bed profile in accordance with the regulations?

Sleeper type, spacing, length:……

Rail type:……..

Rail fastening type (attach photo): **APPENDIX 4**

Location plan with compass direction, proximity of fixed points (bridges, etc.), switches, sea level, lashings, line inclination and radii (plan supplement): **APPENDIX 5**

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Information about coatings or painting of the rails:……..…..

Information on time of last tamping and train frequency:……..

……..

Longitudinal gradient:……..……

Quality track position and track position errors:……

Neutralisation temperature:……..

Information on possible special loads / special transports:……..

……..….

Vehicle registration; Is it possible to work with our vehicle with an exceptional permit?

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If not, a 20" foot track trailer and a track excavator, including an operator, safety and registration, must be provided on the project side.

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APPENDIX 1; Specification of the condition of the ballast bed to be bonded (with specification of the underlying investigations)

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APPENDIX 2; Indication of the layers to be expected below the gravel during excavation of the excavation pit (according to the loose rock definition)

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APPENDIX 3; excavation length, width and depth incl. (indicate geometry of trench and immediate surroundings in cross-section - all typical and extreme cross-sections with cross profile railway body)

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APPENDIX 4; Rail fastening type (attach photo)

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APPENDIX 5; Site plan with compass direction, proximity of fixed points (bridges, etc.), switches, sea level, lashings, line inclination and radii (plan supplement)