LETTER OF CONFIRMATION

AC500-S Safety Engineering v1.1.x

Manufacturer: ABB AG
Eppelheimer Straße 82
D-69123 Heidelberg

Testing Body: TÜV SÜD RAIL GmbH
Rail Automation
Barthstraße 16
D-80339 München

1. General
AC500-S Safety Engineering v1.1.x is part of Automation Builder engineering tool for configuring, programming, verifying and downloading safety related applications (up to SIL 3 according to IEC 61508 Ed. 2), using the SIL 3 certified AC500-S Safety PLC controller and following the guidelines of the safety user manual of AC500-S.

2. Version
AC500-S Safety Engineering v1.1.x

3. Test bases
The AC500-S Safety Engineering, implementing the certified software components SPT and CoDeSys V2.3.x safety, classified as T3 offline support tool according to IEC 61508-4, and the certified software component SVT (safety verification tool), classified as T2 offline support tool according to IEC 61508-4, is suitable to develop and verify safety related applications according to IEC 61508-3 and download to the safety controller AC500-S.

The result is based on the documents as follows:

<table>
<thead>
<tr>
<th>Technical Report SK82342T</th>
<th>CODESYS Safety v2.3.9.x</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letter of Confirmation</td>
<td>SPT v1.0.x.x</td>
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<tr>
<td>Technical Report of Modifications AH98121T</td>
<td>SVT v1.2.x</td>
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</tbody>
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4. Summary
TÜV SÜD Rail GmbH, Rail Automation, has no safety related concerns about the use of AC500-S Safety Engineering in safety related applications up to SIL 3 according to IEC 61508 Ed. 2.

München, 2022-03-04
TÜV SÜD Rail GmbH

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