LETTER OF CONFIRMATION

AC500-S
Safety Engineering v1.1.x

Manufacturer:	**Testing Body:**
ABB AG	TÜV SÜD RAIL GmbH
	Rail Automation
Eppelheimer Straße 82	Barthstraße 16
D-69123 Heidelberg	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:

Technical Report SK82342T	CODESYS Safety v2.3.9.x
Letter of Confirmation	SPT v1.0.x.x
Technical Report of Modifications AH98121T	SVT v1.2.x

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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