

Certificate



Functional Safety Management

FS Management (TÜV Rheinland)
ISO 26262 Road Vehicles - Functional Safety
A-FSM 116

Certificate No. 968/A-FSM 116.03/21

Certified Company & Location
CRRC Electric Vehicle Co., Ltd.
57 Block, Li Yu Industrial Park,
Hi-Tech Development Zone
412007, Zhuzhou, Hunan,
China



Scope of Certification
ISO 26262-2:2018 (in extracts) Management of functional safety
ISO 26262-4:2018 Product development at the system level
ISO 26262-5:2018 Product development at the hardware level
ISO 26262-6:2018 Product development at the software level
ISO 26262-8:2018 (in extracts) Supporting processes
ISO 26262-9:2018 Automotive Safety Integrity Level (ASIL)-oriented and safety-oriented analyses
Achieved **Maturity Level: ML3 - Defined-Practiced**

ISO 26262-3:2018 Concept phase
Achieved **Maturity Level: ML2 - Managed**

The Certified Company has successfully demonstrated during an audit process that a Functional Safety Management System has been established.

Purpose of the audit is to obtain evidence of compliance with the organizational requirements related to the following aspects, **Management of Functional Safety, Documentation and Safety Lifecycle Phases** according to the Scope of Certification up to and including **Automotive Safety Integrity Level ASIL D**.

This covers **Design of Electric Drive System** at Concept, System, Hardware and Software Levels according to ISO 26262.

Safety management regarding production, operation, service and decommissioning according to ISO 26262-2 clause 7, Proven in use argument according to ISO 26262-8 clause 14 are excluded. As part of the audit process organizational and informational exchange / supply related to other respective Safety Lifecycle Phases between the Certified Company and its customer is considered.

This FSM Certification only refers to the listed company location and their involved departments, which comply with the organizational FSM requirements for the listed Scope of Certification. It does not replace any kind of product specific Confirmation Measures including product specific audits or assessments.

Validity This certificate is valid until 2024-12-23 **TÜV Rheinland Industrie Service GmbH**

Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Cologne, 2022-01-19 Dr.-Ing. Thorsten Gantevoort

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Industrie Service GmbH
Automation and Functional Safety
Am Grauen Stein
51105 Cologne - Germany

Certification Body Safety & Security for Automation & Grid
Further information referring to the scope of certification, see <http://www.tuvasi.com>