



**IRIS**<sup>TM</sup>

**Certification**

# C E R T I F I C A T E

awarded to

Zhuzhou CRRC Times Electric Co., Ltd.  
Shidai Road, Shifeng District  
412001, Zhuzhou City, Hunan Province  
China

DQS GmbH

confirms, as an IRIS Certification<sup>TM</sup> approved certification body, that the Management System of the above organization has been assessed and found to be in accordance with the

**IRIS Certification<sup>TM</sup> rules:2017**  
**and based on**  
**ISO/TS 22163:2017**

for the activities of *Design and Development and Maintenance and Manufacturing* for the scopes of certification: 04 (Power system, drive unit), 05 (Auxiliary systems), 06 (Braking system), 08 (Control apparatus for train operations), 10 (Communication, monitoring and safety equipment), 12 (Electrical wiring), 18 (Infrastructure), 19 (Single railway components)

Design and Development, Manufacturing and Maintenance of Electrical Equipment for Control, Monitoring, Diagnosis, Display and Communication Systems (such as propulsion system, auxiliary system, braking system, on-board vehicle control system etc., including Related Software Developing, Computer Information System Integration and Electric System Integration); Design and Development, Manufacturing and Maintenance of Power Electronic Equipment; Design and Development, Manufacturing and Maintenance of Transformers and Reactors; Design and Development, Manufacturing and Maintenance of Power Semiconductor Devices and related Power Electronics Products; Manufacturing and maintenance of Signal system; Manufacturing and Maintenance of Electrical Equipment for Control, Monitoring, Diagnosis, Display and Communication Systems for rail engineering cars.

Certificate valid from: 29/10/2017

Certificate valid until: 28/10/2020\*

Current date: 26/10/2017

Certificate-Register-Nr: 50055882 IRIS

\* Providing that the subsequent surveillance audits are successful before the validity date of the previous audit.

Certification body address: August-Scharze-Straße 21, 60483 Frankfurt am Main, Germany

©2017 UNFE. All rights reserved.

1/2