

Certificate



ID-Number:	TWA23016CE002
Inspection Body	TÜV Rheinland Taiwan Ltd. (IV&V Inspection Body)
Owner of Certificate	Department of Rapid Transit Systems, New Taipei City 3F., No. 280, Minquan Rd., Xindian Dist., New Taipei City 231, Taiwan, R.O.C.
Type / Product under Certification	Turn-Key Project of Overall Ankeng Light Rail Transit (LRT) System, overall length of 7.5km, 9 stations and 1 depot, including: <ul style="list-style-type: none">• Core Electrical and Mechanical (E&M) System (Rolling Stock, LRT Signaling and Road Traffic Control Signaling, Power Supply System, Communication System, Depot Equipment, Automatic Fare Collection, Traffic Control Center and Operation Control Center)• Track Work System• Civil Infrastructure
Contractor	China Steel Corporation / New Asia Construction & Development Corp.
Basis of Assessment ¹⁾	EN 50126:2002, EN 50128:2011, EN 50129:2007 Employer's Requirement Volume (I) ~ Volume (II) of the Turn-Key Project of Electrical and Mechanical (E&M) System and Employer's Requirement Volume (I) ~ Volume (III) of the Turn-Key Project of Civil Infrastructure for Ankeng LRT System
Assessment Report / Date ²⁾	Independent Verification and Validation Report for the Turn-Key Project of Overall Ankeng Light Rail Transit System Doc. No.: AKLR1-IVV1-IVV-MPM-0069 Date: 2022-12-28 Reliability, Availability and Maintainability (RAM) Demonstration Assessment Report Doc. No.: AKLR1-IVV1-IVV-MPM-0071 Date: 2024-02-05 Safety Validation Assessment Report Doc. No.: AKLR1-IVV1-IVV-MPM-0072 Date: 2024-02-05
Assessment Result ³⁾	Resulted from Independent Verification and Validation assessment conducted from design to completion phase, the IV&V inspection body concludes the Function, Safety, and Quality has complied with the Employer's Requirement of the Turn-Key Project of Overall Ankeng Light Rail Transit (LRT).
Validity	This certificate is valid for the system configuration defined in the above-mentioned Assessment Report.

¹⁾ Further codes and standards to be applied are contained in the referenced assessment report.

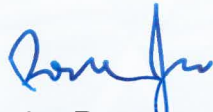
²⁾ This assessment report is an integral part of the certificate.

³⁾ The assessment result is justified in detail in the assessment report.

Date: 2024-03-08

TÜV Rheinland Taiwan Ltd.
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Songshan Dist., Taipei 105, Taiwan, R.O.C.




Certification Representative
(Rover Jan)