



VINACOMIN – INSTITUTE OF ENERGY AND MINING MECHANICAL ENGINEERING TESTING AND VERIFICATION CENTER FOR INDUSTRY (TVCI)

WELDER PERFORMANCE QUALIFICATION CERTIFICATION

According to AWS D1.1/D1.1M:2020

Welder Performance Record No.: WPQ-IEMM-BMVP-24-006

Date of Issue : Mar. 23<sup>rd</sup> 2024



Welder Name: Mr. LE DUC CHIEN

Date of birth: 20 - Sep - 1984

ID card: 042084009141

Welding process(es) used: FCAW

Type: Semi-Automatic

Identification of WPS followed: BM-WPS-FCAW-002

Rev.: 0

Specification of base metal(s): A36 to A36

Test Dated: Mar. 22<sup>nd</sup> 2024

Testing Centre: TESTING AND VERIFICATION CENTER FOR INDUSTRY (TVCI) LABORATORY OF MATERIALS – NDT – EMC (VILAS 182)

Testing Conditions and Qualification Limits

Table with 3 columns: Welding Variables, Actual Values Used in Qualification, and Qualification Range. Rows include Welding process(es), Type, Backing, Thickness, Base metal, Filler metal, AWS Classification, Filler metal F-Number(s), Filler type, Single or Multiple Electrodes, Position qualified, Vertical progression, Shielding gas, Current type/polarity, and Other.

- Visual Examination of Completed Weld: No defects. Results in Acceptable
Bend test; Transverse root and face: NA
Longitudinal root and face: NA
Pipe bend specimen, corrosion-resistant overlay: NA
Alternative ultrasonic examination results: the report No.: VCN VX04-24-UT-2

Table with 2 columns: Sample/ Identification and Result. Row: LE DUC CHIEN -3G, Acceptable

Operator: Mr. Nguyen Thanh Nam UT Level II

Dated: March 22<sup>nd</sup> 2024

We certify that the statements in this record are correct and that the test coupons were prepared, welded, and tested in accordance with the requirements of the AWS D1.1/D1.1M:2020 – Structural Welding Code Steel.



VINACOMIN – INSTITUTE OF ENERGY AND MINING MECHANICAL ENGINEERING



This certificate according this code shall be considered as remaining in effect indefinitely unless: the welder is not engaged in a given process of welding for a period exceeding 6 months or there is some specific reason to question a welder's ability.