

Sample Name : SWCH45K(F)
 Sample Number : -
 Material & Specification : -
 Date of Receipt : 2023.07.04
 Date of Test Completion : 2023.07.17
 Test Method Used : Refer to test results
 Client Name : DHSTEEL
 Client Address : 44, Seowonjae-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do, Korea

Test Results

○ Chemical Composition

Test item	Unit	Result	Test method
C	%	0.47	ASTM A751-21
Si	%	0.22	ASTM A751-21
Mn	%	0.71	ASTM A751-21
P	%	0.010	ASTM A751-21
S	%	0.003	ASTM A751-21

* Analyzed by Spark-OES

- End of test results -

Technical Manager

Name : J. H. Park



The test results of this test report are only limited to samples and sample names provided by the client and do not guarantee the quality of all products of the client. This test report shall not be used for public relation, advertisement, lawsuit and shall not be used by excerpts from it. This test report can be checked through the <http://e-checking.kr.sgs.com>. This test report is not related to KS Q ISO/IEC 17025 and Korea Laboratory Accreditation Scheme

July 17, 2023

SGS Korea Co., Ltd. Busan Laboratory

Tel. (051) 630-7001 Fax. (051) 630-7096

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <https://www.sgs.com/en/terms-and-conditions/terms-e-document>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s).