

S. S. Chemical Test Report (1)

CASTCO**佳力高試驗中心有限公司
CASTCO TESTING CENTRE LIMITED**

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Test Report

Chemical Analysis of Steel

Date of issue: 24-02-2020

Page 1 of 2

Castco LRN: MS0200213-1

Details as supplied by customer

Name of Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job Title : --
Contract No. : --
Customer's Ref. No. : --

Sample details as supplied by customer

Date Sampled : --
Date Received : 13-02-2020
Test Period : 19-02-2020 to 21-02-2020
Sample Description : Stainless Steel Plate
Specification : BS EN 10088-2:2014, Table 1, Grade 1.4401 (316) & BS EN 10250-4:2009, Table 2, Grade 1.4401
Location of Work : --
Sample Identification No. : --

Test Method(s):-

- 1) BS EN ISO 15350 : 2010
- 2) ST-Multi-1(ICP-OES)
- 3) BS EN ISO 15351: 2010

Remark:

- I. Test results only relate to the specimen tested.

Checked by :

Lau Hiu Yat
Assistant Technical Manager

Approved Signatory :

Cheng Chi Fai
Senior Manager

Form No.: CHM-Steel-T dd 16/12/2015

S. S. Chemical Test Report (2)

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Test Report

Chemical Analysis of Steel

Date of issue: 24-02-2020
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Castco LRN: MS0200213-1

Chemical Analysis		Result
1) Total Carbon Content	C %	0.043
1) Total Sulfur Content	S %	0.0055
2) Chromium	Cr %	17.88
2) Manganese	Mn %	1.12
2) Molybdenum	Mo %	2.01
2) Nickel	Ni %	10.77
2) Phosphorus	P %	0.023
2) Silicon	Si %	0.673
3) Nitrogen	N %	0.062

End of Report

Form No.: CHM Steel-I T dd 16/12/2015

S. S. Chemical Test Report (3)

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CASTCO TESTING CENTRE LIMITED

Appendix A

Summary of Chemical Analysis of Steel

Date of issue: 24-02-2020

Page 1 of 1

Castco LRN: MS0200213-1

Name of Customer: Cheung Hing Foundry (HK) Limited

Job Title: --

Contract No.: --

Customer's Ref. No.: --

Date of Received by Lab.: 13-02-2020

Testing Period: 19-02-2020 to 21-02-2020

Castco LRN:	MS0200213-1			
Sample Description :	Stainless Steel Plate			
Specification: BS EN 10088-2:2014, Table 1, Grade 1.4401 (316)	Test Results		Within / Exceed limit	
Carbon C	0.07 max.	%	0.043	Within limit
Sulfur S	0.015 max.	%	0.0055	Within limit
Chromium Cr	16.5 to 18.5	%	17.88	Within limit
Manganese Mn	2.00 max.	%	1.12	Within limit
Molybdenum Mo	2.00 to 2.50	%	2.01	Within limit
Nickel Ni	10.0 to 13.0	%	13.37	Within limit
Phosphorus P	0.045 max.	%	0.023	Within limit
Silicon Si	1.00 max.	%	0.673	Within limit
Nitrogen N	0.10 max.	%	0.062	Within limit

Remarks:

- I. Test results only relate to the specimen tested.
- II. Test results of the specimen are in compliance with the chemical requirements of BS EN 10088-2:2014, Table 1, Grade 1.4401 (316).

S. S. Chemical Test Report (4)

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佳力高試驗中心有限公司
CASTCO TESTING CENTRE LIMITED

Appendix B

Summary of Chemical Analysis of Steel

Date of issue: 24-02-2020

Page 1 of 1

Castco LRN: MS0200213-1

Name of Customer: Cheung Hing Foundry (HK) Limited

Job Title: --

Contract No.:

Customer's Ref. No.: --

Date of Received by Lab.: 13-02-2020

Testing Period: 19-02-2020 to 21-02-2020

Castco LRN:				MS0200213-1	
Sample Description :				Stainless Steel Plate	
Specification: BS EN 10250-4:2000, Table 2, Grade 1.4401				Test Results	Within / Exceed limit
Carbon	C	0.07 max.	%	0.043	Within limit
Sulfur	S	0.030 max.	%	0.0055	Within limit
Chromium	Cr	16.50 to 18.50	%	17.88	Within limit
Manganese	Mn	2.00 max.	%	1.12	Within limit
Molybdenum	Mo	2.00 to 2.50	%	2.01	Within limit
Nickel	Ni	10.00 to 13.00	%	10.37	Within limit
Phosphorus	P	0.045 max.	%	0.023	Within limit
Silicon	Si	1.00 max.	%	0.673	Within limit
Nitrogen	N	≤0.11	%	0.062	Within limit

Remarks:

I. Test results only relate to the specimen tested.

II. Test results of the specimen are in compliance with the chemical requirements of BS EN 10250-4:2000, Table 2, Grade 1.4401.