

TEST REPORT: 7191095101-CHM14-01-DCB

Date: 29 AUG 2014

Tel: +65 68851335 Fax: +65 67784301

Client's Ref:

Email: Sihai.LI@tuv-sud-psb.sg

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.r.



PSB Singapore

**Choose certainty.
Add value.**

SUBJECT

Analysis of Stainless Steel Cable

CLIENT

Le Home Creation
1006 Aljuneid Ave 5
#01-04
Singapore 389887

Attn: Mr. Lawrence Lee

SAMPLE SUBMISSION / TEST DATE

22 Aug 2014 / 25 Aug 2014

DESCRIPTION OF SAMPLE

One Stainless Steel Cable sample with Cable Sheath was received



TÜV SÜD PSB

Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: testing@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
3 Science Park Drive, #04-01/05
The Franklin, Singapore 118223
TUV®

TEST REPORT: 7191095101-CHM14-01-DCB

29 AUG 2014



PSB Singapore

METHOD OF TEST

Analysis for Stainless Steel Cable component:

1. Carbon and Sulphur by ELTRA CS 2000 Carbon / Sulphur Analyser
2. Other elements by Inductively Coupled Plasma – Atomic Emission Spectrometry

RESULTS

Characteristics	Stainless Steel Cable	AISI 316 Specification
Carbon as C, % m/m	0.06	0.08 max
Silicon as Si, % m/m	0.28	1.00 max
Manganese as Mn, % m/m	0.94	2.00 max
Phosphorous as P, % m/m	0.034	0.045 max
Sulphur as S, % m/m	0.015	0.030 max
Chromium as Cr, % m/m	17.07	16.00 – 18.00
Molybdenum as Mo, % m/m	2.00	2.00 – 3.00
Nickel as Ni, % m/m	10.96	10.00 – 14.00

Remarks

Chemical composition of the sample (Stainless Steel Cable component) complies with AISI 316 Specification.

DULIN CHRISTIAN BRYAN
CHEMIST

DR LI SIHAI
AVP / SENIOR CHEMIST
COATINGS & INDUSTRIAL CHEMICALS
CHEMICAL & MATERIALS