

TEST REPORT: 7191001235-CHM11-CES

Date: 02 MAR 2011

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SUBJECT

Chemical composition analysis of one sample of stainless steel cable

CLIENT

Invisys Technology Pte Ltd
26 Sin Ming Lane
#04-115 Midview City
Singapore 573971

Attn: Mr David Tan

SAMPLE SUBMISSION DATE

24 Feb 2011

DESCRIPTION OF SAMPLE

One sample of Ø2mm stainless steel cable was received.



METHOD OF TEST

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



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RESULTS

Sample Marked	Ø2mm Stainless Steel Cable	AISI 316 Specification
Carbon, C %	0.05	0.08 max
Silicon, Si %	0.37	1.00 max
Manganese, Mn %	1.18	2.00 max
Phosphorus, P %	0.014	0.045 max
Sulphur, S %	0.015	0.030 max
Chromium, Cr %	16.33	16.00 – 18.00
Nickel, Ni %	10.19	10.00 – 14.00
Molybdenum, Mo %	2.05	2.00 – 3.00

REMARKS

Chemical composition of the above sample complied with AISI 316 specification.

MR CHUA ENG SOON
TEAM LEADER

DR CHEN HUAYI
ASSISTANT VICE PRESIDENT
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