



## Test Report

No. LPCI/00630/08  
CTS Ref. CTS/08/0156/Group

Date : 2008/01/18

Page: 1 of 4

GROUP STEEL CORPORATION (M) SDN. BHD.  
180, KAWASAN INDUSTRI AYER KEROH, 75450 MELAKA.

The following merchandise was (were) submitted and identified by the client as:

Sample Description : Pre-Painted Galvanizing Strip  
Cr – free Product (Y)  
Sample Receiving Date : 2008/01/14  
Testing Period : 2008/01/14 to 2008/01/18

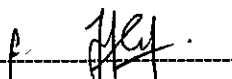
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : (1) With reference to EPA Method 3050B for Cadmium Content.  
Analysis was performed by ICP  
(2) With reference to EPA Method 3050B for Lead Content.  
Analysis was performed by ICP  
(3) With reference to EPA Method 3052 for Mercury Content.  
Analysis was performed by ICP  
(4) With reference to EPA Method 3060A & 7196A for Hexavalent Chromium.  
Analysis was performed by UV/Vis Spectrophotometry.  
(5) With reference to EPA Method 3540C/3550B for PBB / PBDE Content.  
Analysis was performed by GC/MS.

Test Results : Please refer to next page.

Analysts : Lim Meng Hoe & Jocelyn Christmas

SGS LABORATORY SERVICES (M) SDN. BHD.

  
CHONG KIEN LEN  
B.Sc.(HONS) AMIC  
LAB MANAGER

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Page: 2 of 4


Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	Result	MDL
Cadmium(Cd)	(1)	N.D.	2
Lead (Pb)	(2)	N.D.	2
Mercury (Hg)	(3)	N.D.	2
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	N.D.	2
<b>Sum of Polybrominated Biphenyl (PBBs)</b>	(5)	N.D.	-
Monobromobiphenyl		N.D.	5
Dibromobiphenyl		N.D.	5
Tribromobiphenyl		N.D.	5
Tetrabromobiphenyl		N.D.	5
Pentabromobiphenyl		N.D.	5
Hexabromobiphenyl		N.D.	5
Heptabromobiphenyl		N.D.	5
Octabromobiphenyl		N.D.	5
Nonabromobiphenyl		N.D.	5
Decabromobiphenyl		N.D.	5
<b>Sum of Polybrominated Diphenylethers (PBDEs)</b>		N.D.	-
Monobromodiphenyl ether		N.D.	5
Dibromodiphenyl ether		N.D.	5
Tribromodiphenyl ether		N.D.	5
Tetrabromodiphenyl ether		N.D.	5
Pentabromodiphenyl ether		N.D.	5
Hexabromodiphenyl ether		N.D.	5
Heptabromodiphenyl ether		N.D.	5
Octabromodiphenyl ether		N.D.	5
Nonabromodiphenyl ether		N.D.	5
Decabromodiphenyl ether		N.D.	5

**Test Part Description :**

As per page 3

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No. LPCI/00630/08  
CTS Ref. CTS/08/0156/Group

Date : 2008/01/18

Page: 3 of 4

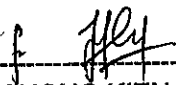
### Test Part Description :

Sample Description : Pre-Painted Galvanizing Strip  
Cr – free Product (Y)

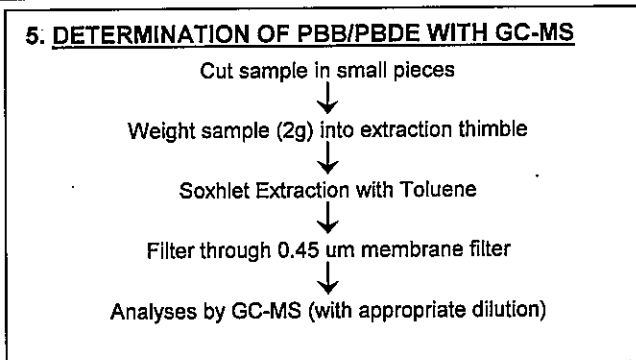
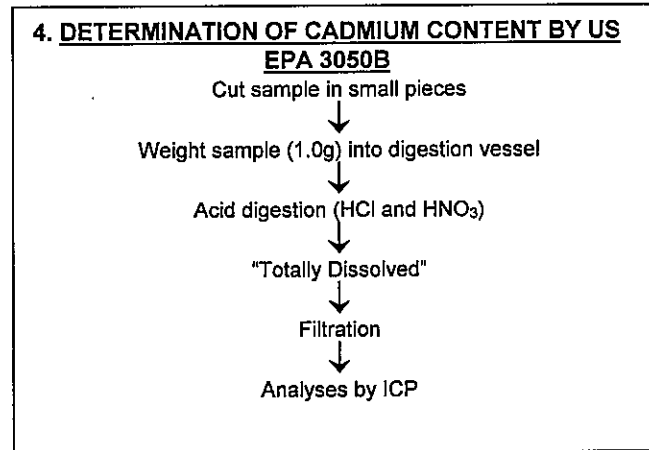
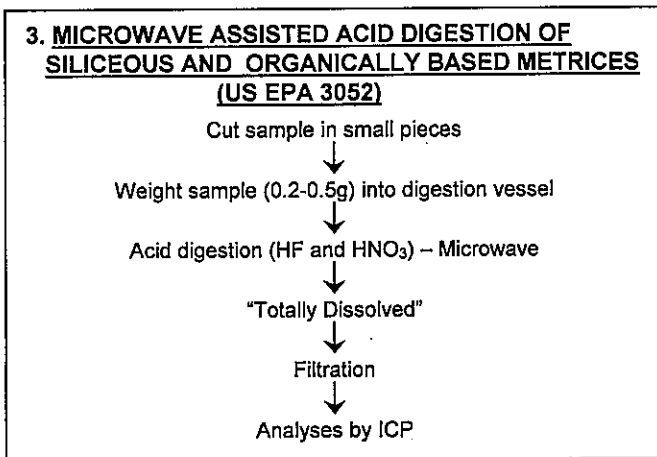
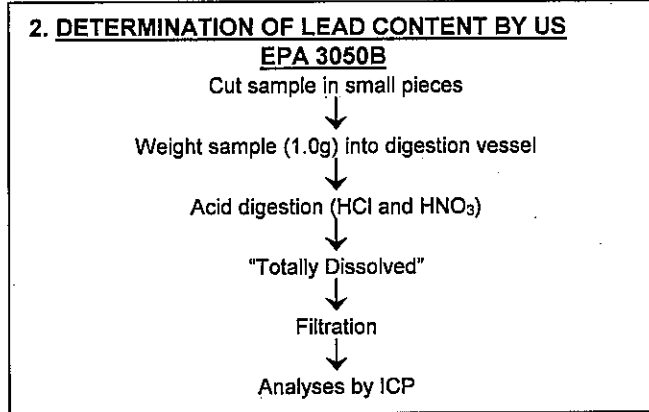
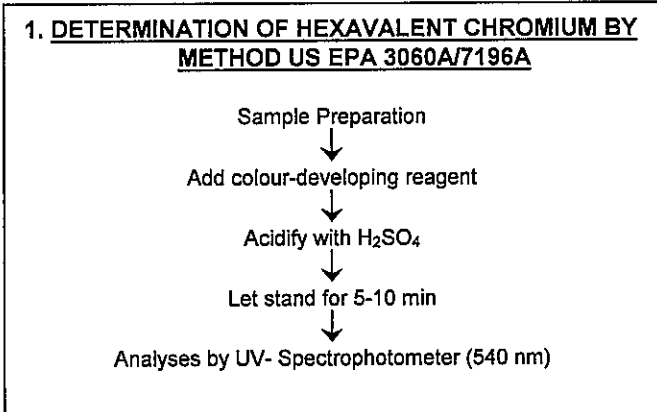
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LPCI/00630/08

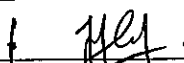
Note : (a) mg/kg = ppm  
(b) N.D. = Not Detected  
(c) MDL = Method Detection Limit

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	Name	Signature	Date
Prepared By	Chong Kien Len		18 <sup>th</sup> January 2008

\*\*\*\* End of Report \*\*\*\*

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