

# Test Report

No. LPCI/06422(AD)/07  
CTS Ref. CTS/07/1556/Ornasteel

Date : 2007/04/13

Page: 1 of 3

**ORNASTEEL ENT. CORP (M) SDN. BHD.**  
**180, KAWASAN INDUSTRI AYER KEROH,**  
**AYER KEROH, 75450 MELAKA.**

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

Sample : CARBON STEEL  
Thickness : 0.55mm  
Sample Receiving Date : 2007/04/06  
Testing Period : 2007/04/06 to 2007/04/13

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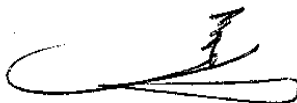
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : (1) With reference to EPA Method 3052 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 : Hasimah Mohd Mokhtar & Jocelyn Christmas

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Date : 2007/04/13

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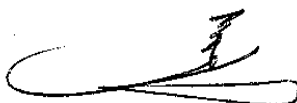
Test results by chemical method (Unit: mg/kg)

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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## Test Report

No. LPCI/06422(AD)/07  
CTS Ref. CTS/07/1556/Ornasteel

Date : 2007/04/13

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### Test Part Description :

Sample : CARBON STEEL  
Thickness : 0.55mm

Note : (a) mg/kg = ppm  
(b) N.D. = Not Detected  
(c) MDL = Method Detection Limit  
(d) This report supersedes report no. LPCI/06422/07

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

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## Test Report

No. LPCI/06424(AD)/07  
CTS Ref. CTS/07/1556/Ornasteel

Date : 2007/04/13

Page: 1 of 3

**ORNASTEEL ENT. CORP (M) SDN. BHD.  
180, KAWASAN INDUSTRI AYER KEROH,  
AYER KEROH, 75450 MELAKA.**

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

Sample : CARBON STEEL  
Thickness : 1.00mm  
Sample Receiving Date : 2007/04/06  
Testing Period : 2007/04/06 to 2007/04/13

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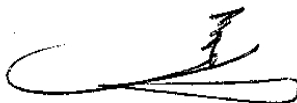
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : (1) With reference to EPA Method 3052 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 : Hasimah Mohd Mokhtar & Jocelyn Christmas

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# Test Report

No. LPCI/0642(AD)4/07  
 CTS Ref. CTS/07/1556/Ornasteel

Date : 2007/04/13

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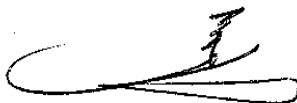
Test results by chemical method (Unit: mg/kg)

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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## Test Report

No. LPCI/06424(AD)/07  
CTS Ref. CTS/07/1556/Ornasteel

Date : 2007/04/13

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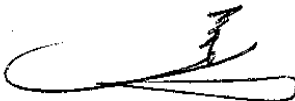
### Test Part Description :

Sample : CARBON STEEL  
Thickness : 1.00mm

Note : (a) mg/kg = ppm  
(b) N.D. = Not Detected  
(c) MDL = Method Detection Limit  
(d) This report supersedes report no. LPCI/06424/07

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

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## Test Report

No. LPCI/06425(AD)/07  
CTS Ref. CTS/07/1556/Ornasteel

Date : 2007/04/13

Page: 1 of 3

**ORNASTEEL ENT. CORP (M) SDN. BHD.**  
**180, KAWASAN INDUSTRI AYER KEROH,**  
**AYER KEROH, 75450 MELAKA.**

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

Sample : CARBON STEEL  
Thickness : 2.30mm  
Sample Receiving Date : 2007/04/06  
Testing Period : 2007/04/06 to 2007/04/13

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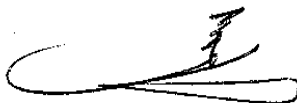
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : (1) With reference to EPA Method 3052 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 : Hasimah Mohd Mokhtar & Jocelyn Christmas

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Date : 2007/04/13

Page: 2 of 3

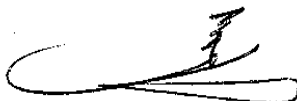
Test results by chemical method (Unit: mg/kg)

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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CTS Ref. CTS/07/1556/Ornasteel

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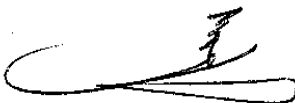
### Test Part Description :

Sample : CARBON STEEL  
Thickness : 2.30mm

Note : (a) mg/kg = ppm  
(b) N.D. = Not Detected  
(c) MDL = Method Detection Limit  
(d) This report supersedes report no. LPCI/06425/07

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

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