



SIRIM QAS International Sdn.Bhd. (Company No.: 410334-X)
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TEST REPORT

REPORT NO. : 2010KL0925

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Applicant : FEDERAL IRON WORKS SDN. BHD.
No. 3, Jalan Keluli Satu,
Kawasan Perindustrian Bukit Raja Selatan,
40000 Shah Alam,
Selangor D.E

Product : Galvanised Steel Sheet

Reference standard / Method of test :
1) BS EN 1122 - Wet Decomposition Method / Acid Digestion
2) USEPA 6010 B - Inductively Coupled Plasma - Optical Emission Spectroscopy (ICP-OES) for Determination of Cadmium, Lead
3) Direct Mercury Analyzer for Determination of Mercury
4) USEPA 3570 / 8270 C - Gas Chromatography Mass Spectrometry (GC-MS) for the determination of PBB and PBDE
5) USEPA 3060 A / 87196 A - UV Spectrophotometer for Determination of Hexavalent Chromium

Description of sample : Received one (1) sample for testing with the following identification :
Product : Galvanised Steel Sheet
Marking : GI

Date received : 10th June 2010

Job No. : J20105080773

Issue date : 1st July 2010

Approved Signatory

(ROHAIDAH IBRAHIM, AMIC)
IKM A/1700/3994/99
Senior Technical Executive

(HAHNAS MAHBUT)
Head
Chemical & Consumer Section (CEST)
Testing Services Department
SIRIM QAS International Sdn. Bhd.

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Test Results

Product : Galvanised Steel Sheet

Marking : GI

No.	Type of Tests	Results	Method Detection Limit
1.	Cadmium (Cd), ppm	Not detected	2
2.	Hexavalent Chromium (Cr ⁶⁺), ppm	Not detected	5
3.	Lead (Pb), ppm	48	5
4.	Mercury (Hg), ppm	0.005	0.001
5.	Polybrominated Biphenyls (PBBs), ppm	Not detected	10
6.	Polybrominated Diphenylethers (PBDEs), ppm	Not detected	10

Note : 1) ppm = part per million
2) Not detected means analyte tested less than method detection limit



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(IKM A/1700/3994/99)
Senior Technical Executive
Chemical & Consumer Section
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