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Our ref: ISTRS/54157

7 April, 2011

Manager : Pornprom Metal Public Company Limited

Subject : Spectral response test report.

This report presents results of radiation reflectance measurements on your sample. The measurements of spectral responses were performed with Shimadzu UV-3100 UV-VIS-NIR Recording Spectrometer. Spectral responses obtained from the measurements were employed to compute radiation reflectance in the solar radiation region in accordance with ASTM E903_82 standard test method.

The thermal emittance of the specimen was directly measured from Emissometer made by DEVICES&SERVICE model AE.

Results of the measurements are presented in the following table:

Sample	Solar Reflectance (%)	Solar Absorptance (%)	Thermal Emittance
แผ่นอะลูมิเนียมผิวเรียบ	79.6	20.4	0.10
แผ่นอะลูมิเนียมผิวสัณ	75.8	24.2	0.14
แผ่นเหล็กอะลูซิง	58.0	42.0	0.39

Certified by

Very truly yours,

(Dr. Pattana Rakkwamsuk)

(Asst.Prof.Nithi Buranajant)

Director Institute for Scientific and
Technological Research and Services