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สถาบันไทย-เยอรมัน
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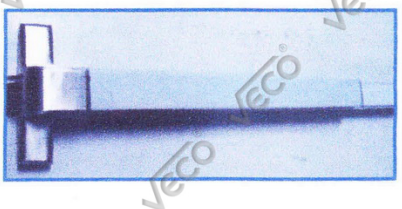
Tel. 038-215035-44 Fax. 038-743705 http://www.tgi.or.th

TEST REPORT

Report No.: T54030004
Rev.: 00

Customer's company name : **WINTECH MANUFACTURING Co ., Ltd.**
Address : **35/199 Moo2 Tumbon Bang-namcheud, Ampher Muang, Samutasakorn 74000, Thailand.**

Test Product:	Panic Bar + Knob	Type of Test:	Fire resistance Testing
Material Specification:	Stainless steel SUS304	Equipment / Serial No.:	Burner
Received Date:	20 / Feb. / 2011	Time of Test:	180 minutes
Tested Date:	25 / Feb. / 2011	Testing Temp.:	315 °C



Test Method: The testing procedures follow the British Standard BS 476: Fire tests on building materials and structures
BS 476 Part 20: 1987: Method for determination of the fire resistance of elements of construction (general principles)
BS 476 Part 22:1987: Methods for determination of the fire resistance of non-loadbearing equipment of construction section 6: Determination of the fully insulated door sets and shutter assemblies.

Test Results: The non-load equipment of construction described above has the fire resistance of each criterion for the period stated:
(The test results are good only for the specimen tested)

Fire Resistance Test Result

No.	Fire Resistance (min.)	Remarks
Panic Bar + Knob	180	The maximum temperature is 315°C for 3 Hrs., the all condition are good.
Integrity	180	The test was terminated. No visible sign of damage or weak of the specimens and no passage of flames or gases hot enough to ignite the coating of the equipments

Operated by:	Checked by:	Approved by: .....
Technical Team	Technical Manager	Quality Manager
(25 / Feb. / 2011)	(25 / Feb. / 2011)	(25 / Feb. / 2011)

Thai-German Institute สถาบันไทย-เยอรมัน

Commentary:
1. Our division and institute not allow to change, add or subtract anywhere on this report, except only in case of already accepted by writing from our division.
2. Our division can not confess to any direct or indirect damage that will occur after this by using data, analysis results, results or conclusion in this report to design, produce or others.
3. Experiment results are exactly true especially only on specimen that was carried to test.

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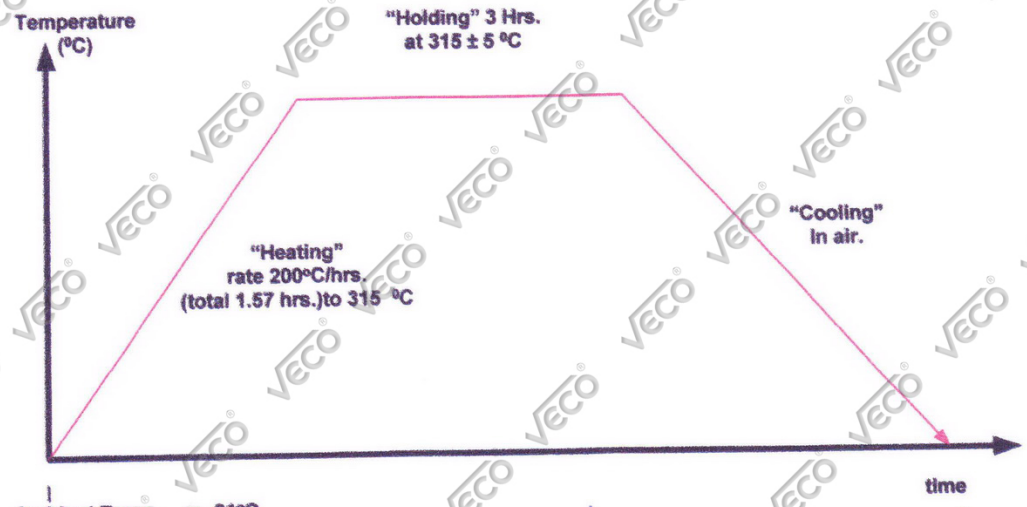
HEATING REPORT

Report No.: T54030004-H
Rev.: 00

Customer's company name : **WINTECH MANUFACTURING Co ., Ltd.**
Address : **35/199 Moo2 Tumbon Bang-namcheud, Ampher Muang, Samutasakorn 74000, Thailand.**

Test Product:	Panic Bar + Knob	Standard of Test:	BS 476 Part 20 and Part 22
Material Specification:	Stainless steel SUS304	Type of Test:	Fire Resistance Testing
Received Date:	20 / Feb. / 2011	Equipment / Serial No.:	Burner
Tested Date:	25 / Feb. / 2011	Equipment's Capacity:	3,000 °C
Heating Method:	Heating up and cool down	Heating Temp.:	315 °C 3 hrs.

Heating Diagram



Operated by: ..... Technical Team (25 / Feb. / 2011)

Checked by: ..... Technical Manager (25 / Feb. / 2011)

Approved by: ..... Quality Manager (25 / Feb. / 2011)

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3. Experiment results are exactly true especially only on specimen that was carried to test.