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## FIRE RESISTANCE TEST REPORT

### ISSUED TO

MPK MANUFACTURING CO., LTD.

189 Suwinthawong Rd., Seanseab, Minburi, Bangkok 10510

### SCOPE OF TEST

BS EN 1634 1:2014+A1:2018 Part 1: Fire resistance test for door and shutter assemblies  
and openable windows.

INSULATED STEEL DOOR

### TEST REPORT NUMBER

BLS/R24/5915

### SPECIMEN RECEIVE DATE

March 4, 2024

### TEST DATE

March 13, 2024

### REPORT ISSUED DATE

April 3, 2024

### PAGE NUMBER

24

By Mpk Manufacturing



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## FIRE RESISTANCE TEST REPORT

ISSUED FOR

MPK MANUFACTURING CO., LTD.

TEST REPORT NUMBER :

BLS/R24/5915

ISSUED DATE :03/04/2024

### SECTION 1 SCOPE

TÜV SÜD (THAILAND) Limited was contracted by MPK MANUFACTURING CO., LTD. ,189 Suwinthawong Rd., Seanseab, Minburi, Bangkok 10510 to conduct the fire resistance of a product as detail in table below

Product category

INSULATED STEEL DOOR

Product detail

Single insulated steel door size 47 mm x 2000 mm x 900 mm, was sponsored by MPK MANUFACTURING CO., LTD. A door was installed in the frame and surrounded by a masonry wall. The frame was fixed with a casting concrete column using a 6 mm steel bar welded with the frame.

### SECTION 2 SUMMARY OF TEST RESULT

The test report issued to

Company Name

MPK MANUFACTURING CO., LTD.

Company Address

189 Suwinthawong Rd., Seanseab, Minburi, Bangkok 10510

Report Issued Date

April 3, 2024

Test Report Number

BLS/R24/5915

Specimen Receive Date

March 4, 2024

Test Date

March 13, 2024

The assembly described and tested in this report did meet the Conditions of Acceptance of BS EN 1634-1:2014+ A1:2018 Part 1 as detail below

<b>Integrity:</b>	Sustained Flaming	260	Minutes
	Gap gauge	260	Minutes
	Cotton pad	260	Minutes
<b>Insulation:</b>		21	Minutes

Remark:

Specimen thermocouple No.14 reached 216 °C at 21 minutes of test.

\*\* Maximun radiation 1.8 kW/m<sup>2</sup>

Prepared by:

*Phongsathon Choompa*

Phongsathon Choompa

Associate Fire Evaluation Engineer

Reviewed by:

*Thanet Tekumpornvepa*

Thanet Tekumpornvepa

Executive Engineer



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ISSUED FOR

MPK MANUFACTURING CO., LTD.

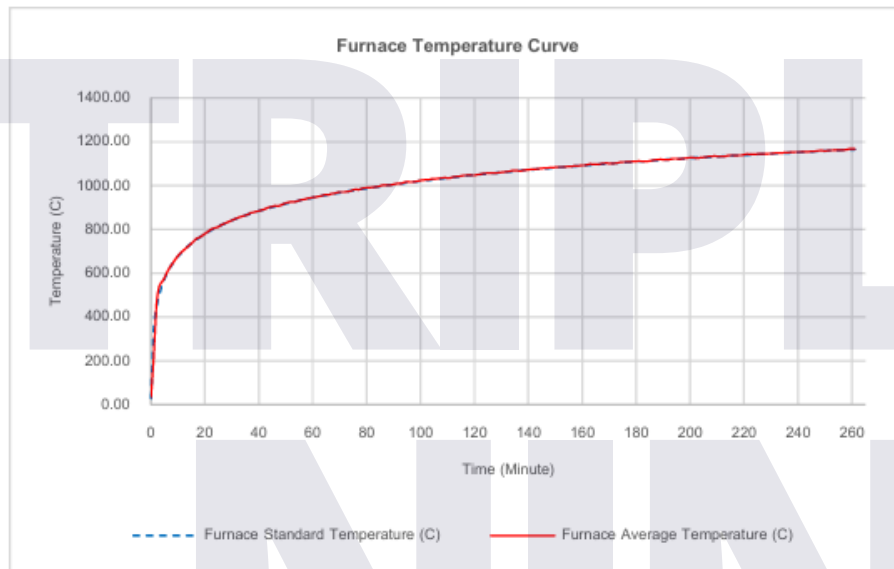
TEST REPORT NUMBER :

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### ANNEX 2 GRAPH

Garph 2.1 : Furenace Time-Temperature vs. Standard Time-Temperature



Garph 2.2: Furnace Pressure at 2000 mm tapping point

