

**TEST REPORT**

REPORT NO.: 2009MA0033	PAGE: Page 1 of 7
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Applicant : **FALCON SAFE MARKETING SDN.BHD.**  
LOTAH13JLN TERATAI  
OFF JLN MERU  
40450 KLANG,  
SELANGOR, MALAYSIA.

Manufacturer : Same as Applicant

Product : **SAFETY BOX**

Reference Standard / : **ASTM E 687-07 and MS 295:2002 as Guideline SPECIFICATION FOR FIRE  
AND BURGLARY RESISTANT OFFICE SAFES**

Description of sample : **TYPE ALUMINUM  
Model : LEGEND  
Serial No / Marking : 01001  
Quantity : 1**

Our reference : **SQAS/MPT/13/16**

Date received : **21 JANUARY 2009**

Job no./Ref. No. : **120090256034**

Issued date : **16 MAR 2009**

Approved Signatories

  
(INAS SAIDIN)  
Technical Executive



  
(HASNUL AKMAL BARON)  
Group Leader,  
Mechanical and Automotive Section,  
Testing Department

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## PERFORMANCE TEST

NO	TYPE OF TEST / METHOD	DURATION (MIN)	RESULT / OBSERVATION
1	<p><b>High speed drill attack on door.</b>            Times taken for successfully to drill holes through the door were noted.            Diameter of drill bit : 12mm            Location of drill: 75mm below the key lock and 75mm above the combination lock.</p>	60	Complied. No through holes were achieved. Thus, drilling operation was terminated and depth of 48mm was obtained.
2	<p><b>Hydraulic jack attack</b>            Capacity of hydraulic jack: 5 tones.            Dimensional of welded plate: 200mm x 200mm x 225mm            Location of plate: refer to picture.            Time taken to completely open the door was noted.</p>	10	Complied. The doors remain closed when the metal sheet is tested.
3	<p><b>High speed torch attack</b>            A blow torch with nozzle not exceeding 5/8 in.            Time taken for successful penetration through the door was noted. Inclusive of the drill, chisel and sledge hammer.            Dimension of penetration : 100mm x 100mm            Oxygen/Acetylene container capacity: 5.5kg/cm<sup>3</sup>.</p>	60	Complied. For 60min which includes the action of hammering and chisel knocking since the door is constructed with massive concrete walls, which are sandwiched between metal plates no through hole were achieved and door still cannot open or penetrated.



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PHOTO OF HIGH SPEED DRILL ATTACK  
ON DOOR TEST



PHOTO OF OXY-ACETYLENE FLAME  
CUTTING TORCH ATTACK TEST

# FALCON SAFE



PHOTO OF HAMMERING AND CHISEL  
KNOCK AFTER CUTTING TORCH ATTACK



PHOTO OF PENETRATION AFTER ALL  
TEST WERE CONDUCTED

