



證書編號：L1510-150217

財團法人全國認證基金會  
Taiwan Accreditation Foundation

# 認 證 證 書

茲證明

財團法人消防安全中心基金會

消防檢測實驗室

桃園市蘆竹區厚生路 51 號 5 樓

為本會認證之實驗室

認 證 依 據：ISO/IEC 17025：2005

認 證 編 號：1510

初 次 認 證 日 期：九十五年一月二十四日

認 證 有 效 期 間：一百零四年二月二十四日至一百零七年二月二十三日  
止

認 證 範 圍：測試領域，如續頁

特 定 服 務 計 畫：能源效率測試實驗室認證服務計畫

董事長

陳 介 山

中華民國一百零四年二月十七日



證書編號：L1510-150217

財團法人全國認證基金會  
Taiwan Accreditation Foundation

認證編號：1510

實驗室主管：洪文傑

18.01 民生用品

出口標示燈

避難方向指示燈

E005 能源效率

節能標章能源效率基準與標示方法

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.01 消防設備

滅火器

M996

1. 滅火效能值試驗
2. 操作機構檢視
3. 耐蝕及防銹加工試驗
4. 使用溫度範圍試驗
5. 容器厚度試驗
6. 耐壓試驗
7. 軟管耐壓、內徑及長度試驗
8. 耐衝擊強度試驗
9. 指示壓力錶試驗
10. 振動試驗
11. 二氧化碳充填比試驗
12. 噴射性能試驗

滅火器認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

測試場地：1. 桃園市觀音區信義路156巷48號(試驗項目1, 2, 4, 5, 6, 7, 8, 9, 11, 12), 2. 桃園市蘆竹區厚生路51號5樓(試驗項目3, 10)

25.01 消防設備

滅火器用滅火藥劑

M996

1. 主成份分析試驗



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2. 水分試驗
3. 細度試驗
4. 防濕性試驗
5. 沉澱試驗
6. 視密度試驗

滅火器用滅火藥劑認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

■ 25.02 消防設備

密閉式撒水頭

M996

1. 外觀構造檢視
2. 耐洩漏試驗
3. 裝配載重試驗
4. 框架永久變形量試驗
5. 玻璃球之加熱冷卻試驗
6. 動作溫度試驗
7. 玻璃球氣泡消失溫度試驗
8. 功能試驗
9. 感度-熱氣流感應試驗
10. 放射量試驗
11. 環境溫度試驗
12. 衝擊試驗
13. 易熔元件強度試驗
14. 釋放機構強度試驗
15. 振動試驗
16. 水錘試驗
17. 二氧化硫腐蝕試驗
18. 鹽霧腐蝕試驗
19. 撒水分布試驗

密閉式撒水頭認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

測試場地：1. 桃園市觀音區信義路156巷48號(試驗項目1~11, 14, 16, 18, 19), 2. 桃園市蘆竹區厚生路51號4樓(試驗項目12, 13, 15, 17)

■ 25.09 消防設備

火警受信總機

E001

1. 性能試驗



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2. 電源電壓變動試驗
3. 反覆試驗
4. 絕緣電阻試驗及絕緣耐壓試驗

火警受信總機認可基準

1  $\phi$ , 300 Vac max., 30 A max., 60 Hz

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.10 消防設備

住宅用火災警報器

M996

1. 外觀構造檢視
2. 方向性試驗
3. 警報音試驗
4. 靈敏度試驗
5. 絕緣電阻試驗
6. 絕緣耐壓試驗
7. 振動試驗
8. 落下衝擊試驗

住宅用火災警報器認可基準

1  $\phi$ , 110 Vac max., 0.5 A max., 60 Hz

24 Vdc max, 0.5 A max

130 dB max.

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.11 消防設備

一齊開放閥

M996

1. 外觀構造檢視
2. 耐壓試驗
3. 最大流量放水試驗
4. 動作試驗

一齊開放閥認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

測試場地：桃園市觀音區信義路 156 巷 48 號

25.12 消防設備

泡沫噴頭



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- M996
1. 外觀構造檢視
  2. 強度試驗
  3. 放射量試驗
  4. 泡沫分佈試驗
  5. 發泡倍率試驗
  6. 放射密度試驗
  7. 25%還原時間試驗
  8. 滅火試驗

泡沫噴頭認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑  
測試場地：桃園市觀音區信義路 156 巷 48 號

25.13 消防設備

流水檢知裝置

- M996
1. 外觀構造檢視
  2. 閥座洩漏試驗
  3. 動作試驗
  4. 最大流量動作試驗
  5. 耐久試驗
  6. 閥體及構件之耐壓試驗
  7. 最低使用壓力之不動作試驗
  8. 瞬間壓力變動之不動作試驗

流水檢知裝置認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑  
測試場地：桃園市觀音區鄰信義路 156 巷 48 號

25.14 消防設備

緊急照明燈

- E001
1. 外觀構造檢視
  2. 點燈試驗
  3. 絕緣電阻試驗及絕緣耐壓試驗
  4. 耐濕試驗
  5. 充放電試驗
  6. 熾熱線試驗

緊急照明燈認可基準

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在



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25.15 消防設備

緩降機

- M996
1. 外觀構造檢視
  2. 落下衝擊緩降試驗
  3. 耐腐蝕試驗
  4. 掉落試驗
  5. 強度試驗
  6. 套帶拉力試驗
  7. 下降速度試驗
  8. 含水下降試驗
  9. 低溫及高溫試驗
  10. 反覆試驗

緩降機認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

測試場地：1. 桃園市觀音區信義路156巷48號(除試驗項目6), 2. 桃園市蘆竹區厚生路51號4樓(試驗項目6)

25.16 消防設備

出口標示燈

避難方向指示燈

- E001
1. 外觀構造檢視
  2. 絕緣電阻試驗及絕緣耐壓試驗
  3. 熱變形試驗
  4. 耐濕試驗
  5. 充放電試驗
  6. 靜荷重試驗
  7. 平均亮度試驗
  8. 亮度比試驗
  9. 熾熱線試驗

出口標示燈及避難方向指示燈認可基準

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.17 消防設備

消防水帶

- M996
1. 外觀構造檢視
  2. 性能試驗



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3. 試驗壓力試驗
4. 耐摩擦試驗
5. 剝離強度試驗
6. 抗拉強度試驗
7. 伸長率試驗
8. 低溫摺疊試驗
9. 空氣加熱老化試驗
10. 加熱減量試驗
11. 耐水蒸氣性試驗
12. 保型水帶保型性試驗
13. 保型水帶耐閉塞性試驗
14. 保型水帶耐低溫性試驗

消防水帶認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

測試場地：1. 桃園市觀音區信義路 156 巷 48 號(試驗項目 1~4, 8, 10~14), 2. 桃園市蘆竹區厚生路 51 號 5 樓(試驗項目 5, 6, 7, 9)

25.17 消防設備

消防水帶用快速接頭

- M996
1. 外觀構造檢視
  2. 材質試驗
  3. 耐水壓試驗
  4. 反覆試驗
  5. 落下試驗
  6. 拖拉試驗
  7. 接脫力試驗
  8. 彎曲試驗
  9. 壓壞試驗
  10. 耐腐蝕試驗
  11. 勾搭板彈簧強度試驗

消防水帶用快速接頭認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

測試場地：1. 桃園市觀音區信義路 156 巷 48 號(試驗項目 1, 5, 6, 10), 2. 桃園市蘆竹區厚生路 51 號 5 樓(試驗項目 2, 3, 4, 7, 8, 9, 11)

25.18 消防設備

火警標示燈

- E001
1. 外觀構造檢視



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2. 動作試驗
3. 溫濕度試驗
4. 照度試驗
5. 絕緣電阻試驗及絕緣耐壓試驗
6. 熾熱線試驗
7. 振動試驗

火警發信機火警警鈴及標示燈認可基準

1  $\phi$ , 300 Vac max., 2 A max., 60 Hz, 60 Vdc max., 2 A max.

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.19 消防設備

火警中繼器

- E001
1. 外觀構造檢視
  2. 電源電壓變動試驗
  3. 環境溫度試驗
  4. 反覆試驗
  5. 絕緣電阻試驗及絕緣耐壓試驗

火警中繼器認可基準

1  $\phi$ , 300 Vac max., 30 A max. 60 Hz, 60 Vdc max., 20 A max.

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.20 消防設備

火警警鈴

- E001
1. 外觀構造檢視
  2. 動作試驗
  3. 溫濕度試驗
  4. 音壓試驗
  5. 絕緣電阻試驗及絕緣耐壓試驗
  6. 熾熱線試驗
  7. 振動試驗
  8. 衝擊試驗

火警發信機火警警鈴及標示燈認可基準

1  $\phi$ , 110 Vac max., 2 A max., 60 Hz, 60 Vdc max., 2 A max.

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在





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25.21 消防設備

火警發信機

- E001
1. 外觀構造檢視
  2. 動作試驗
  3. 溫濕度試驗
  4. 保護裝置強度試驗
  5. 反覆試驗
  6. 絕緣電阻試驗及絕緣耐壓試驗
  7. 熾熱線試驗
  8. 振動試驗
  9. 衝擊試驗

火警發信機火警警鈴及標示燈認可基準

1  $\phi$ , 300 Vac max., 2 A max., 60 Hz, 60 Vdc max., 10 A max.

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.22 消防設備

火警探測器(定溫式局限型、差動式局限型、補償式局限型、光電式局限型、複合式局限型)

- E001
1. 外觀構造檢視
  2. 靈敏度試驗
  3. 老化試驗
  4. 防水試驗
  5. 濕度試驗
  6. 絕緣電阻試驗及絕緣耐壓試驗
  7. 振動試驗
  8. 落下衝擊試驗

火警探測器認可基準

1  $\phi$ , 300 Vac max., 2 A max., 60 Hz, 60 Vdc max., 10 A max.

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.23 消防設備

緊急廣播設備用揚聲器

- E001
1. 外觀構造檢視
  2. 音壓位準試驗
  3. 阻抗特性試驗
  4. 絕緣電阻試驗及絕緣耐壓試驗



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緊急廣播用揚聲器認可基準

1  $\phi$ , 110 Vac max., 130 dB max., 50 W max.

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

25.24 消防設備

金屬製避難梯

- M996
1. 外觀構造檢視
  2. 耐腐蝕試驗
  3. 衝擊試驗
  4. 強度試驗

金屬製避難梯認可基準

報告簽署人：尤昭仁, 洪嘉飛, 洪文傑

測試場地：桃園市觀音區信義路 156 巷 48 號

**能源效率測試實驗室認證服務計畫**

18.01 民生用品

出口標示燈

避難方向指示燈

E005 能源效率

節能標章能源效率基準與標示方法

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

報告簽署人：尤昭仁, 洪嘉飛, 蘇源在

(以下空白)



Certificate No. : L1510-150217

財團法人全國認證基金會  
Taiwan Accreditation Foundation

## Certificate of Accreditation

This is to certify that

**Chinese Fire Protection Safety Center**  
**Fire Protection Equipment Testing Laboratory**

5F., No. 51, Housheng Rd., Lujhu Dist., Taoyuan City 338, Taiwan(R.O.C)

**is accredited in respect of laboratory**

<b>Accreditation Criteria</b>	: ISO/IEC 17025: 2005
<b>Accreditation Number</b>	: 1510
<b>Originally Accredited</b>	: January 24, 2006
<b>Effective Period</b>	: February 24, 2015 to February 23, 2018
<b>Accredited Scope</b>	: Testing Field, see described in the Appendix
<b>Specific Accreditation Program</b>	: Accreditation Program for Energy Efficiency testing Laboratory

Jay-San Chen  
President, Taiwan Accreditation Foundation  
Date : February 17, 2015

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Accreditation Number : 1510

Laboratory Head : Hung, Wen-Jie

▼ 18.01 Commodity

Exit Light

Emergency Direction Light

E005 Energy Efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

▼ 25.01 Fire Protection Equipment

Fire Extinguisher

- M996
1. Rating Test
  2. Operating Test
  3. Corrosion Resistance and Antirust Test
  4. Operating Temperature Range Test
  5. Thickness Test
  6. Hydrostatic Pressure Test
  7. Flexible Conduit Test
  8. Impact Strength
  9. Pressure Gauges Test
  10. Vibration Test
  11. Carbon Dioxide Filling Rate Test
  12. Radiation Performance Test

Approval Directions for Fire Extinguisher Device

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: 1. No.48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan(R.O.C.) (Test Item 1, 2, 4, 5, 6, 7, 8, 9, 11, 12), 2. 5F., No. 51, Housheng Rd., Lujhu Dist., Taoyuan City 338, Taiwan(R.O.C) (Test Item 3, 10)

▼ 25.01 Fire Protection Equipment

Agent for Fire Extinguishe

- M996
1. Element Test
  2. Moisture Content Test
  3. Particle Size Test
  4. Damp Proof Test

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- 5. Precipitation Test
- 6. Apparent Density Test

Approval Directions for Agent for Fire Extinguisher Device

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

▀ 25.02 Fire Protection Equipment  
Automatic Sprinkler

- M996
- 1. Construction Examination
  - 2. Leakage Test
  - 3. Assembly Load Test
  - 4. Strength of Frame Test
  - 5. Strength of Heat Responsive Element Test
  - 6. Operating Temperature Test
  - 7. Bubble Disappear of Glass Blub Test
  - 8. Operation-Lodgement Test
  - 9. Sensitivity Oven Heat Test
  - 10. Calibration Test
  - 11. Ambient Temperature Test
  - 12. Impact Test
  - 13. Strength of Fusible Piece Test
  - 14. Strength of Release Element Test
  - 15. Vibration Test
  - 16. Water Hammer Test
  - 17. Sulfuric Dioxide Corrosion Test
  - 18. Salt Fog Corrosion Test
  - 19. Discharge Quantity Test

Approval Standard for Automatic Sprinkler

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: 1. No. 48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan (R.O.C.) (Test Item 1~11, 14, 16, 18, 19), 2. 4F., No. 51, Housheng Rd., Lujhu Dist., Taoyuan City 338, Taiwan(R.O.C) (Test Item 12, 13, 15, 17)

▀ 25.09 Fire Protection Equipment  
Receiver of Fire Alarm Equipment

- E001
- 1. Operation Test
  - 2. Variable Voltage Operation Test
  - 3. Endurance Test
  - 4. Insulation Resistance Test and Dielectric Voltage-Withstand Test

Approval Directions For Receiver of Fire Alarm Equipment

1  $\phi$ , 300 Vac max., 30 A max., 60 Hz

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai



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▼ 25.10 Fire Protection Equipment

Residential Fire Alarm Detectors

- M996
1. Construction Examination
  2. Directional Dependence Test
  3. Alarm Sound Test
  4. Sensitivity Test
  5. Insulation Resistance Test
  6. Insulation Voltage-Withstand Test
  7. Vibration Test
  8. Impact Resistance Test

Approval Directions for Residential Fire Alarm Detectors

1  $\phi$ , 110 Vac max., 0.5 A max., 60 Hz

24 Vdc max, 0.5 A max

130 dB max.

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

▼ 25.11 Fire Protection Equipment

Deluge Valve

- M996
1. Dimension
  2. Hydrostatic Pressure Test
  3. Max. Flow Rating Test
  4. Operating Test

Approval Directions For Deluge Valve

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: No. 48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan (R.O.C.)

▼ 25.12 Fire Protection Equipment

Foam head

- M996
1. Dimension
  2. Strength Of Trame Test
  3. Total Flow Test
  4. Foam Distribution Test
  5. Expansion Ratio Test
  6. Distribution Density Test
  7. 25 % Reduction Time Test
  8. Fire Test

Approval Directions For Deluge Valve

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: No. 48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan (R.O.C.)



Certificate No. : L1510-150217

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▼ 25.13 Fire Protection Equipment

Alarm Valve

M996

1. Dimension
2. Leakage Test
3. Operation Test
4. Maximal Flow Test
5. Endurance Test
6. Pressure Resistance Test
7. Lowest Pressure Unopened Test
8. Momentary Pressure Changeability Unopened Test

Approval Directions For Water Flow Detecting Device

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: No. 48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan (R.O.C.)

▼ 25.14 Fire Protection Equipment

Emergency Lighting

E001

1. Construction Examination
2. Return Test
3. Insulation Resistance Test and Dielectric Voltage-Withstand Test
4. Humidity Test
5. Battery Performance Test
6. Glow Wire Test

Approval Directions For Emergency Lighting

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

▼ 25.15 Fire Protection Equipment

Escape Sling

M996

1. Dimension
2. Impact Resistance Test
3. Corrosion
4. Drop Test
5. Strength Of Frame
6. Safety Band Fensile Test
7. Lower Speed Test
8. Wet Wire Lower Test
9. Low & High Temperature Test
10. Repeat Test

Approval Directions For Slow Descending Device

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: 1. No.48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan (R.O.C.) (Except Test Item 6), 2. 4F., No. 51, Housheng Rd., Lujhu Dist., Taoyuan City 338, Taiwan(R.O.C) (Test Item 6)

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▼ 25.16 Fire Protection Equipment

Exit Light

Emergency Direction Light

- E001
1. Construction Examination
  2. Insulation Resistance Test and Dielectric Voltage-Withstand Test
  3. Heat Distortion Test
  4. Humidity Test
  5. Battery Performance Test
  6. Load Test
  7. Luminance Test
  8. Luminance Rate Test
  9. Glow Wire Test

Approval Directions For Exit Lighting and Emergency Direction Lights

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

▼ 25.17 Fire Protection Equipment

Fire Hose

- M996
1. Construction Examination
  2. Performance Test
  3. Hydrostatic Press Test
  4. Abrasion Test
  5. Lining Adhesion Test
  6. Tensile Strength Test
  7. Ultimate elongation Test
  8. Fold-Resistant Test
  9. Aging Test
  10. Weight Loss by Aging Test
  11. Water Vapor Resistance Test
  12. Keeping Form Test
  13. Resistant Occlusive Test
  14. Resistant Low Temperature Test

Approval Directions For Fire Hose Device

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: 1. No.48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan(R.O.C.) (Test Item 1~4, 8, 10~14), 2. 5F., No. 51, Housheng Rd., Lujhu Dist., Taoyuan City 338, Taiwan(R.O.C) (Test Item 5, 6, 7, 9)

▼ 25.17 Fire Protection Equipment

Quick Connector for Fire Hose

- M996
1. Construction Examination

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Certificate No. : L1510-150217

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2. Material Test
3. Hydrostatic Press Test
4. Endurance Test
5. Drop Test
6. Trailing Test
7. Insertion Force Test
8. Bending Test
9. Collapse Resistance Test
10. Corrosion Resistance Test
11. Spring Strength Test

Approval Directions For Quick Connector for Fire Hose Device

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: 1. No.48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan(R.O.C.) (Test Item 1, 3, 4, 5, 6, 8, 10), 2. 5F., No. 51, Housheng Rd., Lujhu Dist., Taoyuan City 338, Taiwan(R.O.C) (Test Item 2, 3, 4, 7, 8, 9, 11)

▣ 25.18 Fire Protection Equipment

Fire Indicating Lamp

E001

1. Construction Examination
2. Operation Test
3. Ambient Temperature and Humidity Test
4. Illumination Test
5. Insulation Resistance Test and Dielectric Voltage-Withstand Test
6. Glow Wire Test
7. Vibration Test

Approval Directions For Fire Manual Station, Fire Alarm Bell and Indicating Lamp  
1  $\phi$ , 300 Vac max., 2 A max., 60 Hz, 60 Vdc max., 2 A max.

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

▣ 25.19 Fire Protection Equipment

Repeater of Fire Alarm Equipment

E001

1. Construction Examination
2. Variable Voltage Operation Test
3. Variable Ambient Temperature Test
4. Endurance Test
5. Insulation Resistance Test and Dielectric Voltage-Withstand Test

Approval Directions For Repeater of Fire Alarm Equipment  
1  $\phi$ , 300 Vac max., 30 A max. 60 Hz, 60 Vdc max., 20 A max.

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai



Certificate No. : L1510-150217

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25.20 Fire Protection Equipment

Fire Alarm Bell

- E001
1. Construction Examination
  2. Operation Test
  3. Ambient Temperature and Humidity Test
  4. Audibility Test
  5. Insulation Resistance Test and Dielectric Voltage-Withstand Test
  6. Glow Wire Test
  7. Vibration Test
  8. Impact Test

Approval Directions For Fire Manual Station, Fire Alarm Bell and Indicating Lamp  
1  $\phi$ , 110 Vac max., 2 A max., 60 Hz, 60 Vdc max., 2 A max.

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

25.21 Fire Protection Equipment

Fire Manual Station

- E001
1. Construction Examination
  2. Operation Test
  3. Ambient Temperature and Humidity Test
  4. Strength Test of Protective Device
  5. Endurance Test
  6. Insulation Resistance Test and Dielectric Voltage-Withstand Test
  7. Glow Wire Test
  8. Vibration Test
  9. Impact Test

Approval Directions For Fire Manual Station, Fire Alarm Bell and Indicating Lamp  
1  $\phi$ , 300 Vac max., 2 A max., 60 Hz, 60 Vdc max., 10 A max.

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

25.22 Fire Protection Equipment

Fire Detector(Fixed-Temperature Type 、 Rate-of-Rise Type 、 Fixed-Temperature and Rate-of-Rise Type 、 Photoelectric Smoke Type 、 Complex Type)

- E001
1. Construction Examination
  2. Sensitivity Test
  3. Aging Test
  4. Water-Resistance Test
  5. Humidity Test
  6. Insulation Resistance Test and Dielectric Voltage-Withstand Test
  7. Vibration Test
  8. Impact Resistance Test

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Certificate No. : L1510-150217

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Approval Directions For Fire Detectors

1  $\phi$ , 300 Vac max., 2 A max., 60 Hz, 60 Vdc max., 10 A max.

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

▀ 25.23 Fire Protection Equipment

Emergency Broadcasting Speaker

E001

1. Construction Examination
2. Sound Pressure Level Test
3. Impedance Characteristic Test
4. Insulation Resistance Test and Dielectric Voltage-Withstand Test

Approval Directions For Emergency Broadcasting Speakers

1  $\phi$ , 110 Vac max., 130 dB max., 50 W max.

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

▀ 25.24 Fire Protection Equipment

Escape Ladder

M996

1. Construction Examination
2. Corrosion Test
3. Shock Test
4. Strength of Frame Test

Approval Directions For Escape Ladder Device

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;HUNG, Wen-Jie

Testing Place: No.48, Ln. 156, Xinyi Rd., Guanyin Dist., Taoyuan City 325, Taiwan(R.O.C.)

**Accreditation Program for Energy Efficiency testing Laboratory**

▀ 18.01 Commodity

Exit Light

Emergency Direction Light

E005

Energy Efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label

1  $\phi$ , 300 Vac max., 5 A max., 60 Hz

Approval Signatory: YU, Chao-Jen;HUNG, Alvin;SU, Yuan-Tsai

(Null below)

