



KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (1880) KPN/ABCi/C/8.0
Tarikh dikeluarkan : 26th January 2013
Tarikh Mansuh : 15th May 2015

Dengan ini diakui bahawa, Lykas Brutech Enterprise, No. 5, 1st Floor, Simpang 126, Kg. Mulaut, Jalan Limau Manis BG2121, Negara Brunei Darussalam telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Scheme 2
(refer certification procedures STD3/003
Issue No. 11, Revision 27th May 2008)
: The use of these products subject to the user's
specific technical and contractual requirements

Barangan yang diluluskan : "MASHIBA" ELEVATOR & ESCALATOR

Note : Please refer to Schedule

Tajuk dan Nombor Piawai (spesikasi) yang berkenaan terhadap persijilan yang dikehendaki. : ISO 9001 : 2008 / EN ISO 9001 : 2008 / BS EN ISO 9001 : 2008 / MS ISO 9001 : 2008
Design, Development and Manufacture of Elevators.

Issued by : Lloyd's Register Quality Assurance Ltd.
Certificate No. : KLR 0403502
Certification Validity : 15/05/2015

D7. mla

[DR. HAJAH DAYANG SUZANA BINTI HAJI AWANG ADENAN]
b/p. Setiausaha Tetap (Teknikal & Professional)
Kementerian Pembangunan



SCHEDULE
(1880) KPN/ABCi/C/8.0
LYKAS BRUTECH ENTERPRISE

"MASHIBA" ELEVATOR & ESCALATOR

Checked by Department of Mechanical and Electrical, Public Works Department

A) Elevators

1. Passenger Elevators

| | |
|-----------------------|---------------|
| Machine Room Geared | R1000 |
| Machine Room less | R2000 |
| Machine Room Gearless | R3000 , R4000 |

2. Observation Elevators

| | | |
|----------|---------|------------------|
| Sleek | - 240-S | (Rounded) |
| Chic | - 240-C | (Rounded) |
| Dazzle | - 180-D | (Horseshoe) |
| Bliss | - 180-B | (Horseshoe) |
| Fantasy | - 180-F | (Horseshoe) |
| Majestic | - 180-M | (Horseshoe) |
| Serene | - 180-S | (Horseshoe) |
| Classic | - 90-C | (Square) |
| Vogue | - 90-V | (Square) |
| Allure | - 90-A | (Square) |
| Delight | - 100-D | (Clipped Corner) |
| Posh | - 100-P | (Clipped Corner) |
| Joy | - 10-J | (Octagonal)- |

3. Home Elevators

- R4 Type VVVD Drive for 4 persons
- R6 Type VVVD Drive for 6 persons

B) Escalators

1. Escalators

- a) **MES**
 - MES30-2-600/800/1000 Slim Design
 - MES30-2-600/800/1000 Outdoor Slim Design
 - MES30-3-600/800/1000 Slim Design
 - MES30-3-600/800/1000 Outdoor Slim Design
 - MES35-2-600/800/1000 Slim Design
 - MES35-2-600/800/1000 Outdoor Slim Design
 - MES35-3-600/800/1000 Slim Design
 - MES35-3-600/800/1000 Outdoor Slim Design



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- b) **MEC**
MEC30-2-600/800/1000 Conventional Design
MEC30-3-600/800/1000 Conventional Design
MEC35-2-600/800/1000 Conventional Design
MEC35-3-600/800/1000 Conventional Design
- c) **MEH**
MEH30-3-600/800/1000 Slim Design
MEH30-3-600/800/1000 Outdoor Slim Design
MEH30-3-600/800/1000 Inclined Stainless Steel Balustrade Design
MEH30-3-600/800/1000 Outdoor Inclined Stainless Steel Balustrade Design

2. Moving Walks

MTSS 10/11/12/800/1000
MTS10/11/12-800/1000
MTF10/11/12-800/1000
MTL-800/1000/1400

Mashiba Elevator & Escalator Parts

| <u>Components</u> | <u>Origin</u> |
|--|----------------------|
| 1. Controller | Malaysia |
| 2. Printed Circuit Board | Malaysia/ Taiwan |
| 3. Drive | England/ Japan |
| 4. Traction Machine - Geared - Gearless | Malaysia Malaysia |
| 5. Safety Gears | China |
| 6. Speed Governor | Malaysia/China |
| 7. Buffer spring/Oil | China |
| 8. Wire Ropes | China |
| 9. Guide Rails | Malaysia |
| 10. Travelling Cable & Hoistway Wiring | Malaysia |
| 11. Door equipment | Malaysia |
| 12. Door Motor | Taiwan |
| 13. Door Control Unit | Taiwan |