KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barang yang diluluskan : (1900) KPN/ABCI/C/8.0
Tarikh dikeluarkan : 26th January 2013
Tarikh Mansuh : 1st February 2014

Dengan ini diakui bahawa, Lifz Technology Sdn Bhd., Unit D4, 1st Floor, Bangunan Hj Lajim Dan Anak-Anak, Kiarong, Bandar Seri Begawan BE1318, Negara Brunei Darussalam telah mengikuti skim persijilan barang 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 : “STEP” ELEVATOR CONTROLLER

Note : Please refer to Schedule

Tajuk dan Nombor Plawai (spesifikasi) yang berkenaan terhadap persijilan yang dikehendaki.

ISO 9001 : 2008
Design, Manufacture, Sales and Service of Elevator Control System

Issued by : TUV SUD Management Service
Certificate No. : 12 100 24356 TMS
Certification Validity : 01/02/2014

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

Issued Date : 19/01/2013
List of Equipment for Approval

A. Control Cabinet of Elevator & Escalator

1. MCP-ST/C 6400 Integrated Full Serial VVF Control
   i. Power Range: 5.5kW – 22kW
   ii. Rated Speed: 1.0 – 2.5m/s

2. MCP-ST/G 6400 Integrated Full Serial VVF Control
   i. Power Range: 5.5kW – 22kW
   ii. Rated Speed: 1.0 – 2.5m/s

3. MCP-ST/C 0501 Integrated Full Serial VVF Control
   i. Power Range: 5.5kW – 22kW
   ii. Rated Speed: 1.0 – 2.5m/s

4. MCP-ST/C 0801 B Type Integrated Full Serial VVF Control
   i. Power Range: 5.5kW – 22kW
   ii. Rated Speed: 1.0 – 2.5m/s

5. MCP-SW/F 8620 B Type Integrated Full Serial VVF MRL Control
   i. Power Range: 5.5kW – 22kW
   ii. Rated Speed: 1.0 – 2.5m/s

6. MCP-ST/B 6000 Integrated Home Lift Control
   i. Power Range: 1.1kW – 3.7kW
   ii. Rated Speed: 0.5 – 1.0m/s

7. MCP-ST/C 2300 Integrated Full Serial VVF Control
   i. Power Range: 5.5kW – 22kW
   ii. Rated Speed: 1.0 – 3.5m/s

8. MCP-ST/C 0100 Full Serial VVF Control
   i. Power Range: 5.5kW – 22kW
   ii. Rated Speed: 1.0 – 3.5m/s
SCHEDULE
(1900) KPN/ABCI/C/8.0
LIFZ TECHNOLOGY SDN BHD.

"STEP" ELEVATOR CONTROLLER
Checked by Department of Mechanical and Electrical, Public Works Department

B. Control System of Elevator & Escalator

1. 32-Bit Standard Serial Control Board
   a. For Rated Speed: 0.63 – 4.0m/s
   b. Maximum Stops: 64 stops

2. 32-Bit High Performance Serial Control Board
   a. For Rated Speed: 0.63 – 4.0m/s
   b. Maximum Stops: 64 stops

3. 32-Bit Serial Control Board SM.01PA/J
   a. For Rated Speed: 0.63 – 4.0m/s
   b. Maximum Stops: 64 stops

4. 16-Bit Serial Control Board SM-01-CD/A
   a. For Rated Speed: 0.63 – 1.75m/s
   b. Maximum Stops: 32 stops

5. 16-Bit Parallel Control Board SM-01-OP/C
   a. For Rated Speed: 0.63 – 1.75m/s
   b. Maximum Stops: 15 stops

6. Home Lift Control Board SM.01.HO/D
   c. For Rated Speed: Not More Than 0.5m/s
   d. Maximum Stops: 5 stops

7. Elevator Car Control Board SM-02-E
8. Elevator Command Board SM-03
9. Elevator Car Control Board SM.02/G
10. Elevator Car Top Control Board SM.02/H
11. Extension Board SM.0910/B
12. Elevator Call / Indicator Board SM-04
13. Serial Dot Matrix LED Call & Indicator
14. Parallel Dot-Matrix LED Indicator
15. Serial Segment LED Call & Indicator
16. Parallel Segment LED Indicator
17. Serial Super Large Screen Dot-Matrix Call & Indicator
18. Serial Call Board (Without Display Module) SM-04-ND
19. Serial Dot-Matrix LCD Call & Indicator Board SM-04-UL
SCHEDULE
(1900) KPN/ABCi/C/8.0
LIFZ TECHNOLOGY SDN BHD.

“STEP” ELEVATOR CONTROLLER
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20. Serial Dot-Matrix LCD Call & Indicator Board SM-04-UL/A
21. Serial Segment LCD Call 7 Indicator Board SM-04-VL B3 / SM-04VL16/A
22. TFT LCD Indicators SM.04TL/A, SM.04TL/C, SM.04TL/F, SM.04TL/G, SM.04TL/H
23. SM.04TL/A 3.5 inch TFT LCD Indicator
24. SM.04TL/C 4.3 inch TFT LCD Indicator
25. SM.04TL/F 7.0 Inch TFT LCD Indicator
26. SM.04TL/H 10.4 Inch TFT LCD Indicator
27. Elevator Group Control System
28. Elevator Remote Monitoring System
29. Remote Intelligent Diagnosis System
30. Escalator Control System
31. IC Card Elevator Intelligent Management System
32. MP3 Voice Announcer OT.VA/C
33. B/A Interface Board SM-09-1485

C. Elevator Button, Car Operating Panel (COP) and Landing Operating Panel (LOP)

1. Elevator Buttons
   PB20, EB420, EB430, EB610, EB650, EB660, EB980, EB111, EB210, EB310, EBC12, EBC22, KA115, KA117, EBB10, EB830, EBC10, EB410A, EB510, EB220, EB221, EB910, EB920.

2. Car Operating Panel
   COP511, COP811, COP920A01, COP120, COP211, COP221, COP410, COP1010, COP1020, COP1050, COP1000A01, COP1000A02, COP1000A03, COP1000A04, COP1020A, COP1060, COPB02, COPQ1080.

3. Landing Operating Panel
   EH981, EH982, EH982, EH1980, EH2980A, EH2980B.

4. Arrival Lantern
   AL130, AL110, AL120, AL140, AL150, AL240, AL220, AL230.

D. AStar Inverter for Elevator

1. AStar – S3 Inverter for Elevator
2. AStar – S8 Integrated Inverter for Elevator
3. AStar – DP Inverter for Freight Elevator
4. AStar – S2 elevator Door Inverter
5. AStar – RG Energy Regenerator for Elevator