

# POWER WHEELCHAIR TEST REPORT

## FOSHAN DONGFANG MEDICAL EQUIPMENT MANUFACTORY (LTD.)

NO: 20250410

| PRODUCT NAME   |                                  | POWER WHEELCHAIR  | NO.   | 2502138      | QTY  | 30PC       | TEST QTY   | 8PC         | STANDAR | YZB/粤 2436-2013   |
|--|----------------------------------|---|---|--------------|------|------------|------------|-------------|---------|-------------------|
| MODEL  |                                  | FS112LAF2-46  | CHECKER   | GUIJUAN ZENG | DATE | 2025-04-10 | EXAMINATOR | YIZHU ZHANG | DATE    | 2025-04-10        |
| N O.   | Name of item                     | Technology specification  |   |              |      |            |            |             | Result  | Single conclusion |
| 1  | Appearance structure requirement | 1) Appearance should be smooth, no irregularity, no sages and crests , and no scars. Every antimere should make by bilateral symmetry, without obvious deflexion or misplacement. |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 2) Chromed surface should be shinning and flattening, no spumescence, no painting comes off and no obvious scratch.   |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 3) Powder coating surface should be smooth and flattening, no spumescence, no painting comes off and no obvious scratch.  |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 4) The seam should be symmetrical, no crack, no missing welding, and no burning loss.   |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 5) Seat and back upholstery have enough srtengh and elasticity, their surface should be flattening with the same color, without corrugation, depigmentation or dilapidation.      |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 6) Spare part assembling should be exact and reliable, without miss assemblage, wrong assemblage, or loosened.  |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 7) all operational parts should work flexible without blocked or loosened. All adjustable parts should leave space to adjust. All assembled parts should easy to assemble.        |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 8) Operational parts should be flexible to work and return back freely.   |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 9) The wheelchair should have machanical moving system except the motor moving system. For example hand rim structure ect.  |   |              |      |            |            |             | Pass    | Pass              |
| 2  | Dimension                        | Max figure size should accord with Form 1.  |   |              |      |            |            |             | Pass    | Pass              |
| 3  | Electric system                  | 1) Electric system should assemble firmly and have correct polarity. Electric wire should match with electric current to make sure the wheelchair works safely.                   |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 2) All crunode of the electric system should well connect and weld firmly.  |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 3) Spare parts of electric system should be firm and reliable., and easy to be assembled and disassembled , with obvious polarity mark.   |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 4) The battery should have good tightness , with no leakage when charge or dischagre it in the natural situation.   |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 5) There should have protecting or alarm system which designed on the obvious place to alarm when short circuit, missing presure,over loading, and reversed polarity appear.      |   |              |      |            |            |             | Pass    | Pass              |
|  |                                  | 6) Driving power wheelchair should have the signal setting such as speaker, turning light, floodlight, braking and so on.   |   |              |      |            |            |             |         |                   |
| 4  | Mainly capability                | Running speed   | Max running speed should be ≤6.0km/h                    |              |      |            |            |             | Pass    | Pass              |
|  |                                  | Running brake   | The distance after brake the wheelchair should be ≤1.5m |              |      |            |            |             | Pass    | Pass              |
|  |                                  | Obstacle crossing   | Max height of obstacle crossing should be ≥40mm         |              |      |            |            |             | Pass    | Pass              |
|  |                                  | Ditch crossing  | Max width of ditch crossing should be≥100mm             |              |      |            |            |             | Pass    | Pass              |
|  |                                  | climbing  | Max degree of slope should be ≥8°                       |              |      |            |            |             | Pass    | Pass              |
|  |                                  | Turning   | Min semidiameter of turning should be ≤1.2m             |              |      |            |            |             | Pass    | Pass              |
| Test result  |                                  | According to the test, all qualification reach the standard request of GB 12996 -91< ELECTRIC WHEELCHAIR>. The goods pass the test, allowed to leave the factory.                 |   |              |      |            |            |             |         |                   |
| Quality managing department: Mindan Zhang      Date:2025-04-10 |                                  |   |   |              |      |            |            |             |         |                   |

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