# TYPE-EXAMINATION CERTIFICATE OF SPECIAL EQUIPMENT

# LIFT

No. TSX B37003820170216

Name of Applicant: SHENYANG BLUELIGHT DRIVE TECHNOLGY CO., LTD.

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# TYPE-EXAMINATION CERTIFICATE ANNEXED TABLE (LIFT)

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| Certificate No. | TSX B37003820170216 | | |
| Equipment Type | Driving machine | | |
| Product Name | Lift traction machine | Model/Type | WYT-U |
| Rated motor power | 32.70 kW | Rated Speed of driving machine | 5.00 m/s |
| Drive mode | Traction driving | Structure Pattern | Horizontal, no reduction device, cantilever traction sheave, output shaft supported by two point |
| Number and structure pattern of brakes | Straightly driving electromagnetic drum (Two dividedly installed) | Motor Structure Pattern | 3 phase AC permanent magnet synchronous Outer rotor |
| Braking effect position | Traction sheave | Reduction device mode | Not applicable |
| Material grade of contacting surface on transmission pair | Not applicable | Width between centres, Crossed axis angle of Reduction device | Not applicable |
| Height of the centre | 382.5 mm | | |
| Motor Explosion-proof method | Not applicable | Motor Explosion-proof level | Not applicable |
| Brake Explosion-proof method | Not applicable | Brake Explosion-proof level | Not applicable |
| Certificate covers | For the product type WYT-U of the lift traction machine whose motor rated power ≤32.70 kW and rated speed of driving machine ≤5.00 m/s. | | |

Covering principle:

For rated speed of driving machine whose driving mode, whole construction pattern, pattern of the reduction device, center distance and axes intersection angle, Material grade of contacting surface on transmission pair, height of output shaft axis(only for the machines without reduction device), construction pattern of the motor, quantity and construction pattern and acting position of the brake, applicative anti-explosion pattern of the motor and the brake are the same to the test sample, the certificate covers products whose motor rated power, rated speed of driving machine and anti-explosion grade are no more than the test sample. Certificates whose applicative work environment is outdoor cover indoor.

Lift rated speed is determined by the following formula:

Lift rated speed  Rated Speed of driving machine / Traction rate

Notes: 1. Document ID No. XPSQ2023080005AENZS.

2. The certificate cannot be applicable for the Lift with inclined path.