Report No. 2022AF0749

Product category Main lift component

Equipment Type Driving machine

Product name Lift traction machine

m0 e7A 364.1

Notes

1.This report is obtained based in the type-examination compliance with *Regulation for Type Tests of Elevators (TSG T7007-2022)*

2.This report must be printed or filled out in fountain pens/sign pens with neat and clear handwriting, no alternation.

3.The report is invalid if not signed by signature, and it is also invalid without approval number of the type testing body, special seal for report and paging seal.

4. There will be two versions of the report: electronic and printed formats. They are equal in authorities.

5.Any discrepancy about the report from applicant should be raised within 15 working days after receiving the report.

6. The report is responsible for the tested sample only.

Name of Institution: Shenzhen Institute of Quality & Safety Inspection and Research

Address of Institution Agricultural Science and Technology Building, No. 1085, south of ChaGuang Road, XiLi street, NanShan District, Shenzhen, Guangdong Province ,China

Office Address of Type Test Body TeJian Building,1032 HongGang Road, Luohu District, Shenzhen, Guangdong Province ,China

Approval No. TS7610038-2025

Postcode 518029

Branch Name of Type Test Body LongHua QingHu Branch of Shenzhen Institute of Quality & Safety Inspection and Research

Branch Address of Type Test Body 50 QingCui Road, QingHu, LongHua Block, LongHua District, Shenzhen, Guangdong Province ,China

Postcode 518109

Phone 0755 28079821 0755 28079351

Website www.sise.org.cn Email szlift@sise.org.cn

CONTENTS

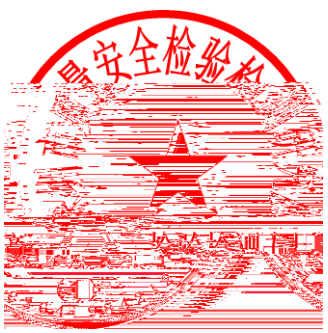
Conclusive report of the Type-Test ····· Page 1

1. Sample Configuration and Technical Data ····· Page 2

2. Technical Documents Review ····· Page 3

3. Sample Check and Testing ····· Page 3

4. Changes of the Type-Examination Report ····· Page 8



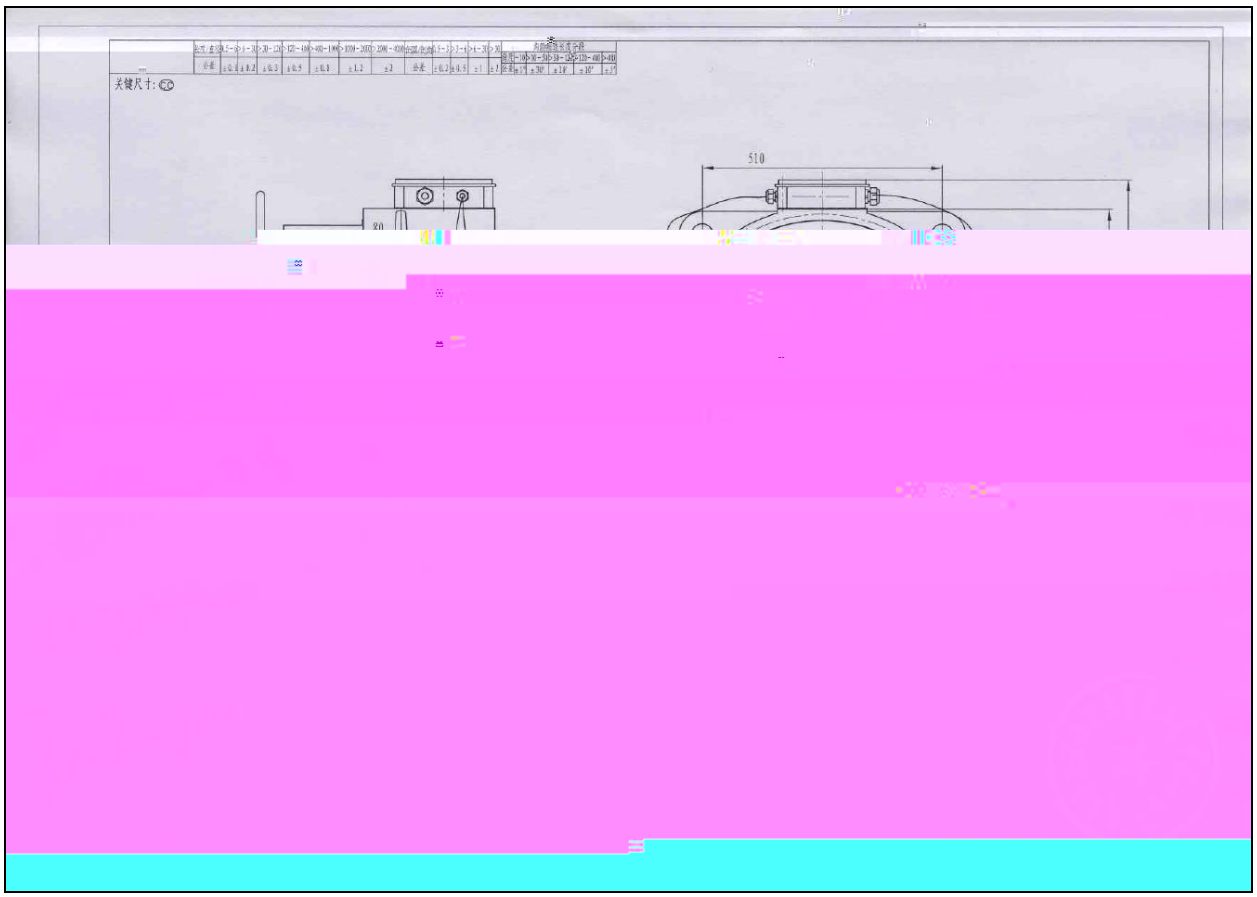
Product name	Lift traction machine	Model/Type	WYT-T
Product No.	F22006001 01	Manufacture Date	2022.6
Working condition	Indoor	Construction pattern	Horizontal, No reduction device, Cantilever traction sheave, Output shaft supported by two point

No.	Project code and name	Project contents and requirements	Results	Conclusion
7	X6.2.4 Braking torque of driving machine	The rated moment of the elevator driving host shall be negotiated with the elevator driving host user according to GB 7588-2003 §12.4.2.1, or is 2.5 times of the rated torque.	Meet the requirements	Pass
8		Proper lifting (or release) of the brake should be monitored or its braking force verified. If one of the brake sets is not working due to failure of a component a sufficient braking effort to decelerate, stop and hold the car, travelling downwards at rated speed and with rated load in the car and upward with empty car shall continue to be exercised.	Meet the requirements	Pass
9	X6.2.5 Start and release voltage of electromagnet brake	Under the condition of satisfying 3.2.4, the lowest suction voltage of the brake electromagnet should not exceed 80% of the rated voltage.	DC63.00V	Pass
		Under the condition of satisfying 3.2.4,the highest release voltage of the brake electromagnet should not exceed 40% of the rated voltage.	DC23.00V	Pass
		Under the condition of satisfying 3.2.4, the lowest release voltage should not less than 10% of rated voltage.	DC22.00V	Pass
10	X6.2.6 Brake responding			

No.	Project code and name	Project contents and requirements	Results	Conclusion
15	X6.2.11 brake released by hand	When the emergency operation of vertical elevator occurs, it shall be able to open all brakes of driving machine by continuous manual operation; Manual release brake failure shall not result in failure of braking function. It shall be possible to test each brake set independently from outside of the well.	Meet the requirements	Pass
16		Mechanical parts used for manual mechanical (such as lever) brake release, should have measures to prevent its abnormal shift or jammed, in the normal operation of the elevator should not be due to its abnormal shift or jammed lead to two sets of brakes at the same time accidental release.	Meet the requirements	Pass
17	X6.3.1 Normal direction jumping of rope groove face of traction wheel	For the Lift traction machine ,the normal direction jumping of the groove face of the traction wheel rope groove is 1/2000 of the pitch diameter of the traction wheel	0.06 mm	Pass
18	X6.3.2 Difference of pitch diameters of every rope groove of the traction wheel	The difference between the pitch diameters of every two grooves of the traction wheel rope grooves shall not be more than 0.10 mm.	0.02 mm	Pass
19	X6.3.3 Hardness of rope groove of traction wheel	The groove face of the traction wheel shall uniform, the hardness difference is not more than 15 HBW.	8.00 HBW	Pass
20	X6.4 Reducer box	The box cutting face and the eye cover of the gear elevator driving host shall be tightly connected without oil leakage. During the temperature rise test, the oil leakage of the extending end of the reduction box shaft shall not exceed 25cm^2	Not applicable	/
21	X6.5.1 Temperature rise test	Under the condition of specified working system, the load		

<table>
<tr><th>No.</th><th>Project code and name</th><th>Project contents and requirements</th><th>Results</th><th>Conclusion</th></tr>
<tr><td rowspan="3">24</td><td rowspan="3">X6.5.2
Driving host noise</td><td>When the elevator driving host on the test platform operates at no load under the rated power supply frequency, the measurement surface average value LPA of the A weight noise sound level shall not exceed the following provisions:</td><td rowspan="3">53.50 dB(A)</td><td rowspan="3">Pass</td></tr>
<tr><td>
<table>
<tr><td>Project \ Rated speed m/s</td><td>≤ 2.5</td><td>2.5</td><td>4</td></tr>
<tr><td>Noise dB(A) LPA</td><td>Gear-free drive host</td><td>62</td><td>65</td><td>68</td></tr>
</table>
</td></tr>
</table>





No.