Report No.2019AF0732

TYPE-EXAMINATION REPORT OF SPECIAL EQUIPMENT LIFT

Product category Main lift component

Equipment Type Driving machine

Product name Lift traction machine

Model/Type WYT-V

Manufacturer Shenyang Bluelight Drive Technology Co.,Ltd.

Applicant Shenyang Bluelight Drive Technology Co.,Ltd.

SHENZHEN INSTITUTE OF SPECIAL EQUIPMENT INSPECTION AND TEST

GUANGDONG STATION OF ELEVATOR QUALITY SUPERVISION AND TEST (SHENZHEN)

检验专用章

TYPE-EXAMINATION REPORT of SPECIAL EQUIPMENT (LIFT)

1. Sample configuration and technical data

Product name	Lift traction machine	Model/Type	WYT-V
Working condition	Indoor	Construction pattern	3 phase AC permanent magnet synchronous structure without reduction device (output shaft supported by two point)

Rated speed of driving machine

TYPE-EXAMINATION REPORT of SPECIAL EQUIPMENT (LIFT)



<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>18</td><td>Y6.4
Reducer box</td><td>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</td><td>Not applicable</td><td>/</td></tr>
<tr><td rowspan="2">19</td><td rowspan="3">Y6.5.1
Temperature rise test</td><td rowspan="2">Under the condition of specified working system, the load lasting rate, the starting (brake) time, when the electric motor coil in the driving machine (if no reducer box)or the oil in the reducer box achieve thermal stability, the following requirements shall be satisfied:
(1) The temperature rise of the electric motor stator winding and the brake coil shall not exceed 80 K or 105 K respectively in the process of adopting B grade or F grade insulation</td><td>Motor stator winding:
F,74.86K</td><td rowspan="2">Pass</td></tr>
<tr><td>Brake coil:
F,57.97K</td></tr>
<tr><td>20</td><td>(2)The oil temperature of the reduction box shall not exceed 85</td><td>Not applicable</td><td>/</td></tr>
<tr><td>21</td><td>(3) The elevator driving machine can normally run after the temperature rise test</td><td>Meet the requirements</td><td>Pass</td></tr>
<tr><td>22</td><td>Y6.5.2
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:
<table>
<tr><td colspan="2">Project \ Rated speed m/s</td><td></td><td>2.5</td><td>4</td></tr>
<tr><td rowspan="2">Noise dB(A) LPA</td><td>Gear-free drive host</td><td>62</td><td>65</td><td>68</td></tr>
<tr><td>Gear drive host</td><td>70</td><td>80</td><td>-</td></tr>
</table>
For the elevator drive host of which rated speed is more than 8 m/s, the noise shall not be more than the threshold given by the manufacturer of the elevator driving host; when the enterprise not gives the threshold index, the threshold index of the 8 m/s elevator driving host is judged.</td><td>46.40 dB(A)</td><td>Pass</td></tr>
<tr><td>23</td><td rowspan="3">Y6.5.3
Idle vibration speed of elevator driving host</td><td>The vibration of the traction type elevator driving host shall satisfy the following requirements:
(1)When the gear-free elevator driving host is in idle operation by the rated power supply frequency, the maximum value of the vibration speed effective value of the detecting part shall be not more than 0.5 mm/s</td><td>0.13 mm/s</td><td>Pass</td></tr>
<tr><td>24</td><td>(2) The maximum value of the torque vibrating speed effective value at the traction wheel of the gear elevator driving host shall not be more than 4.5 mm/s</td><td>Not applicable</td><td>/</td></tr>
<tr><td>25</td><td>(3) For the elevator driving host whose rated speed is over 8m/s the vibration speed cannot exceed the limit given by the manufacturer; if there is not a given limit, the judgment criteria follows 8m/s elevator driving host.</td><td>Not applicable</td><td>/</td></tr>
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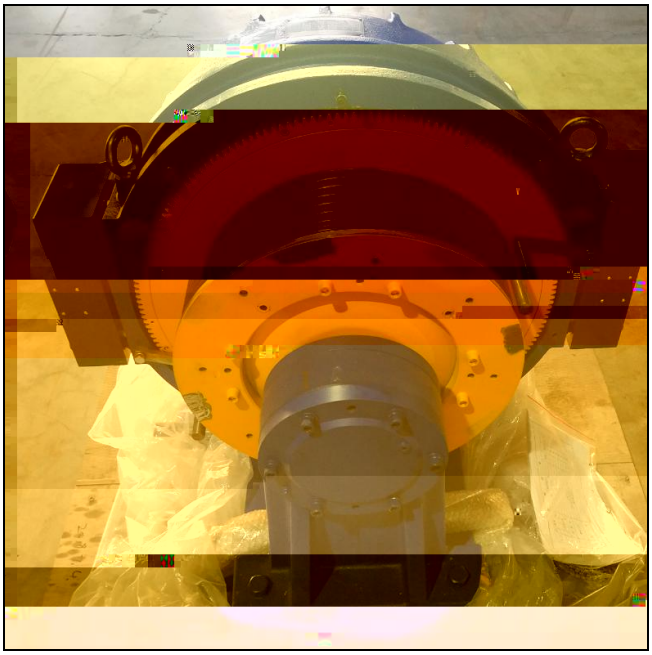
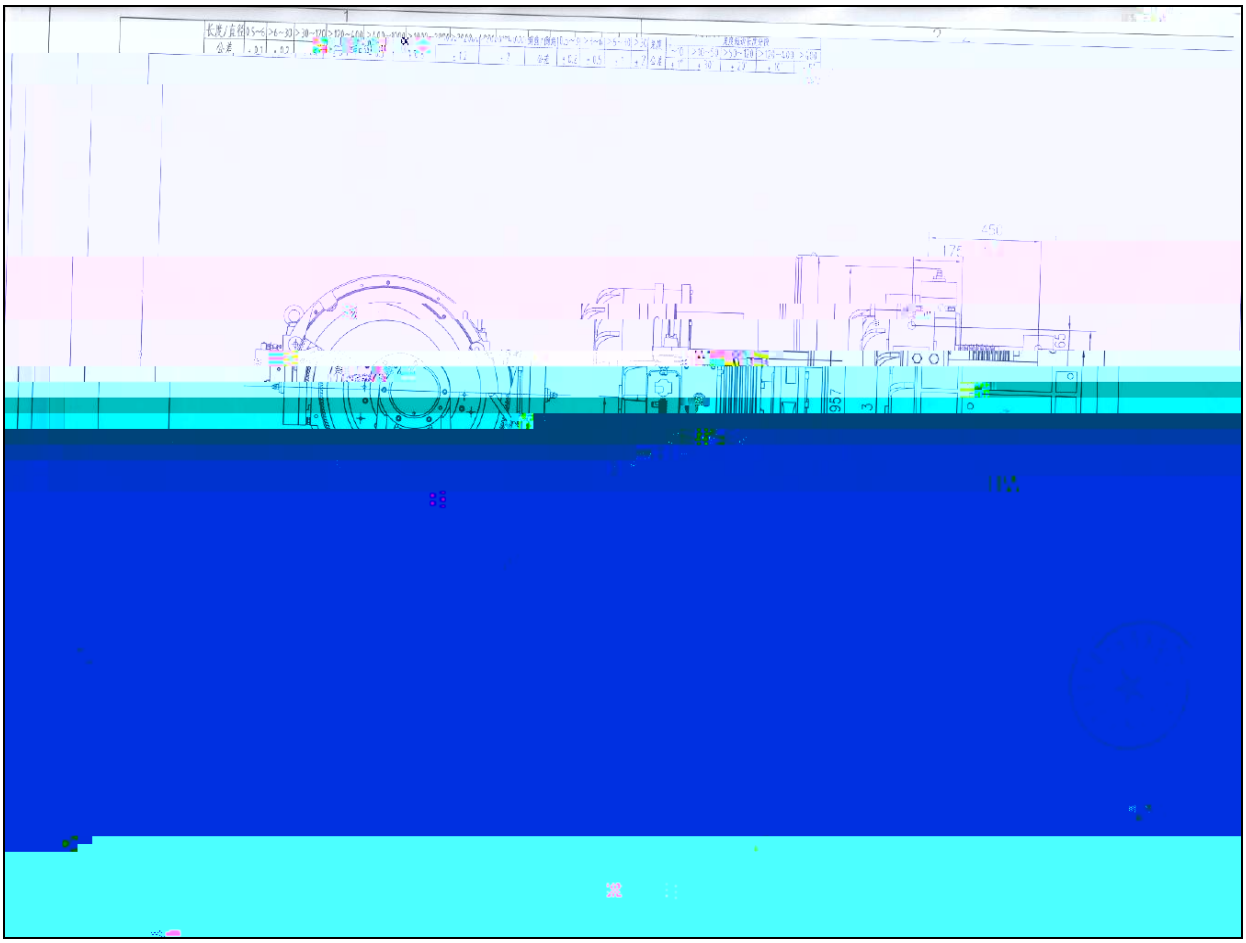
TYPE-EXAMINATION REPORT of
SPECIAL EQUIPMENT
(LIFT)

3.2 Sample Drawing





3.3 Additional Information

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4. Changes of The Type-Examination Report

If the name or address of the applicant (or oversea manufacturer) has any change, please submit a change request with related supporting evidence to the previous type-test agency. After confirmation, the agent ag