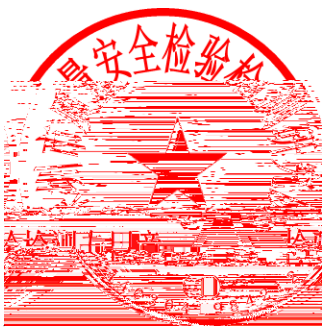
Report No. 2021AF1384

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Product category	Lift safety protection device
Equipment Type	Unintended Car Movement Protection Braking subsystem
Product name	Traction machine brake
Model/Type	BLS
Manufacturer	Shenyang Bluelight Drive Technology Co.,Ltd.
Applicant	Shenyang Bluelight Drive Technology Co.,Ltd.

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[redacted]



Report No.



2 Test data of minimum quality working condition

Test parameters	Rated load(kg)	Mass of car side(kg)	Mass of counterweigh t side (kg)	No-load system mass (kg)	Test speed (m/s)	Traction ratio
	320	386	514	900	1.6034	2:1

a) No-load car ascending

Item	Actual test speed (m/s)	Braking torque N.m	Stopping distance (mm)	Response time (s)
1st	1.684	1585	137	0.099
2nd	1.669	1668	149	0.084
3rd	1.680	1706	166	0.084
4th	1.687	1712	174	0.071
5th	1.668	1711	176	0.075
Average	1.678	1676	160	0.083
Maximum deviation (%)	-0.57	-5.45	-14.59	19.85

b) Full load car downward

Item	Actual test speed (m/s)	Braking torque N.m	Stopping distance (mm)	Response time (s)
1st	1.679	1σ		

3 Test data for field inspection speed

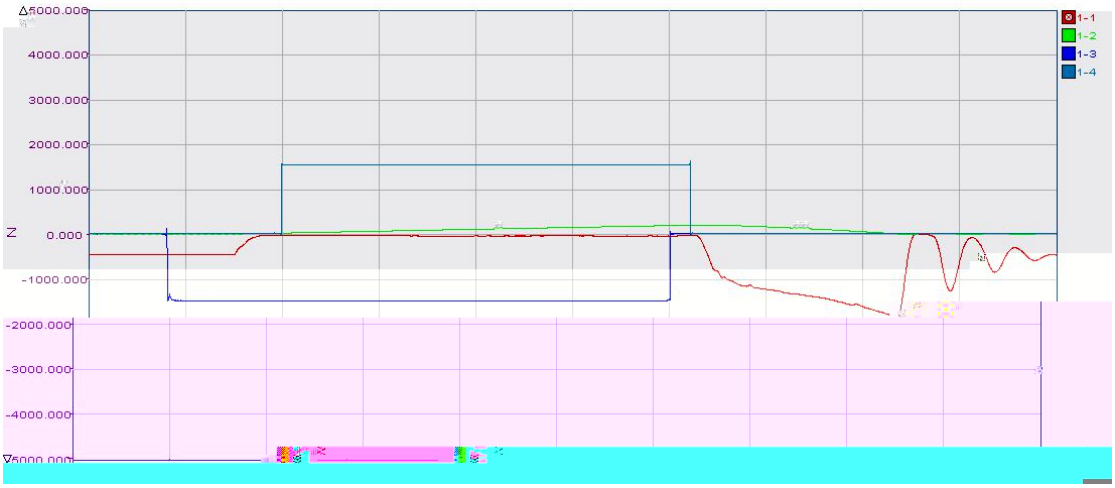
Test parameters	Rated load(kg)	Mass of car side(kg)	Mass of counterweight side (kg)	No-load system mass (kg)	Test speed (m/s)	Traction ratio
	1275	2081	2719	4800	0.300	2:1

No-load car ascending

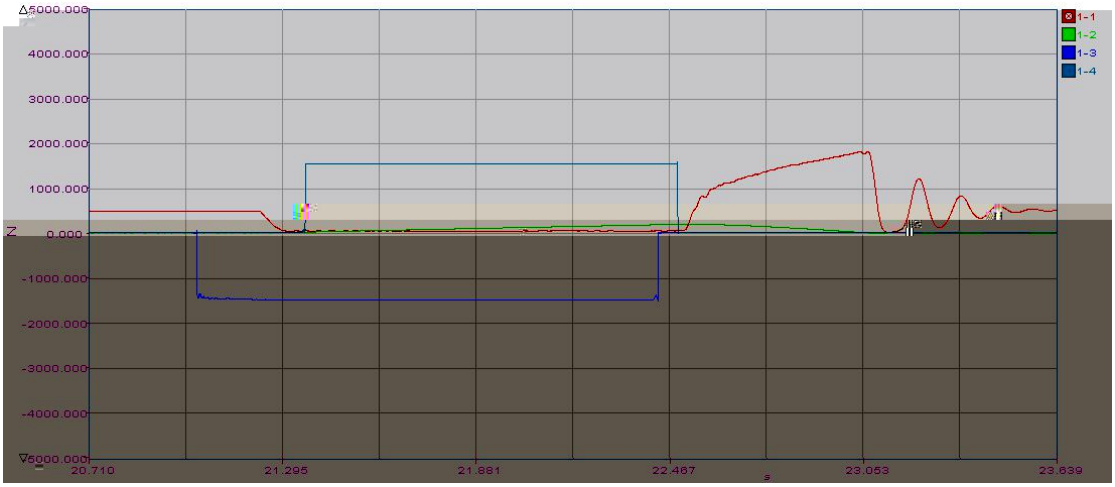
Item	1st	2nd	3rd	Average	Maximum deviation (%)
Actual test speed (m/s)	0.34	0.39	0.38	0.37	-8.02
Stopping distance (mm)	29.00	37.00	36.00	34.00	-14.71

2 Chart

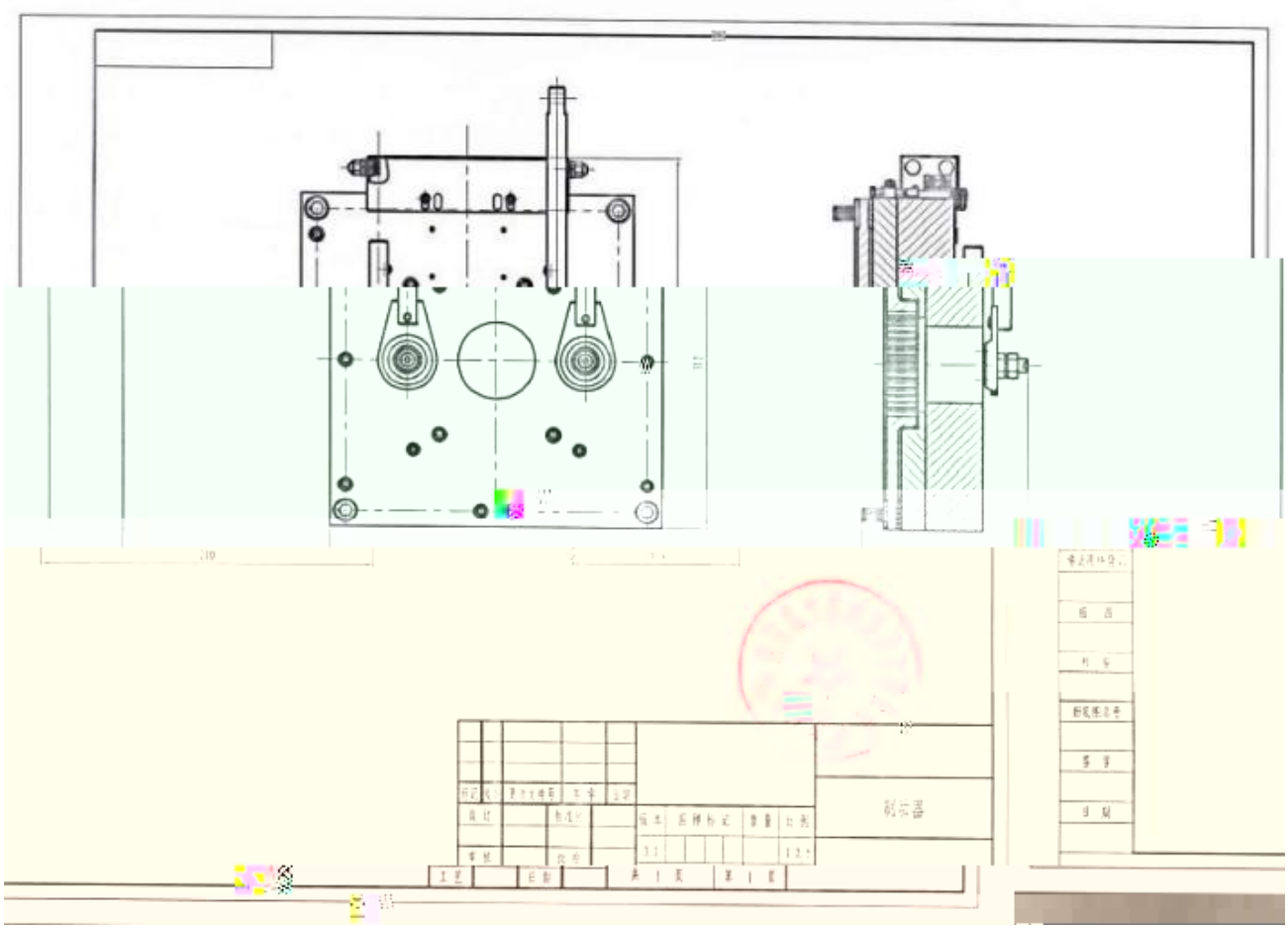
(1) No-load car ascending of maximum quality working condition



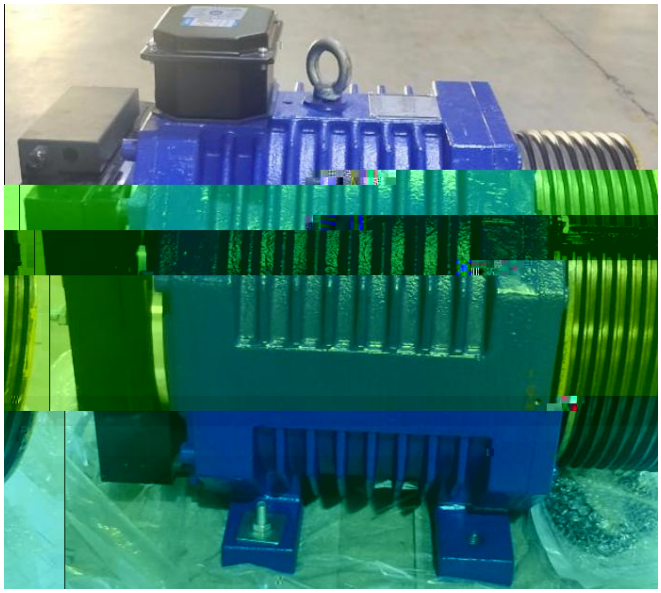
(2) Full load car downward of maximum quality working condition



3.3 Sample drawing



3.4Sample Photo



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 agency will indicate the change on the change record page.

The change record see the attached page (If any).

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