



中国认可  
国际互认  
检测  
TESTING  
CNAS L1879

控制编号: ZQCLJY-BG-01



# Inspection Report

Report No.: CWIC2023-07-30

Consigner: NINGBO BRS AUTO PARTS CO., LTD.

Sample name: Steel wheel

Size/Model: 14×6

Approved date: 14 Jul. 2023

CAAM Wheel Inspection Center Co., Ltd.  
Machinery Industry Wheel Quality Inspection Center



## **Declaration and address of lab**

### **I. Declaration**

1. Cachet and signature of writer、auditor and approver are requested for validation.
2. Invalidate if altered.
3. Could not copy the certificate of inspection without written approval. (Except completely copy ).
4. Each report comes with two originals.
5. This report is validate for testing sample only.
6. If any objection to report, please report within 15 days after receiving, otherwise it will not be accepted.

### **II. Address**

Inspector: CAAM Wheel Inspection Center Co., Ltd.

Address: No. 1 NenJiang west road economy and technology development  
zone Qinhuangdao Hebei province

Tel: 0335-5910220

Fax: 0335-5910220

Mail NO.: 066004

Consigner: NINGBO BRS AUTO PARTS CO., LTD.

Address: ROOM 1101-1, NO.555, MIDDLE RILI ROAD, YINZHOU  
DISTRICT, NINGBO CITY, ZHEJIANG PROVINCE

Tel: 13666366687

Fax:

Mail NO.: 315000

# Test Report

## Summary:

Sample name: Steel wheel

Size/Model: 14×6

Consigner: NINGBO BRS AUTO PARTS CO., LTD.

Item: Dynamic cornering fatigue test

Testing gist: SAE J 1204: Aug. 2017 (R) Wheels-Recreational and Utility Trailer Fatigue Test Procedure and Performance Requirements (Parameters provided by consigner)

Samples received date: 11 Jul. 2023

Number of samples: 1 piece

Accept No. of testing samples: 2023-438-01

Testing Date: 12 Jul. 2023

Conclusion: Pass

Written by:

Audited by:

Approved by:



## Sample Explanation:

Consigner: NINGBO BRS AUTO PARTS CO., LTD.		Application vehicle	///
Size/Model	14×6	Offset	14mm
Number of Nut hole	6	P.C.D.	139.7mm
Wheel surface state	Not painted	Rated load	1870LBS
Weight of the wheel	7.65kg		
Appearance description	Good appearance, no visible defects.		

## Fatigue Test

1. **Purpose:** Authenticate for products reliability
2. **Specification:** SAE J 1204: Aug. 2017 (R) Wheels-Recreational and Utility Trailer Fatigue Test Procedure and Performance Requirements (Parameters provided by consigner)
3. **Sample volume:** 1 piece
4. **Testing equipment:** CFT-02 Dynamic cornering fatigue testing machine
5. **Results:**

Item	Specification	Test termination	Accept No.	Results	Conclusion
Dynamic cornering fatigue test	Load: 2,807N·m Revolution: 18,000 Rotate speed: 400 r/min Nut torque: 115N·m	a) Inability of wheel to sustain the load; b) Propagation of a crack or cracks existing prior to test or new visible stress-caused cracks penetrating through a section of the wheel.	2023-438-01	Achieve 18,000 revolutions with no cracks when sustain the test load. The load arm shaft deflection does not exceed the initial deflection at point of load application by 20%	Pass
Remarks	///				

Written by:

Audited by:

Approved by:

Date: 14 Jul. 2023

检验专用章



## Dynamic cornering fatigue test

Accept No.	2023-438-01	Size/Model	14×6
Test load	2,807N·m	Required revolution	18,000
Initial deflection	7.40mm	Final deflection	7.41mm
Results	Achieve 18,000 revolutions with no cracks when sustain the test load. The load arm shaft deflection does not exceed the initial deflection at point of load application by 20%		



Picture 1



Picture 2