



2024

COMPLETE SOLUTION
GENUINE QUALITY

Expansion tank



Advantages:

- 1.OEM background.
- 2.Burst testing is conducted for each batch.
- 3.100% air-tightness testing.

Injection Area



Production Area





Tooling Area

Welding Area





Centralized Dosing

Warehouse





AP Quality

1. Burst test: Maximum pressure on the gauge ≥ 500 kPa.
2. No rupture at the welding points of burst-tested products.



Low-Quality Issues

1. Is there a burst test performed???
2. Welded joints break after installation in the vehicle.



Burst test

ITEM	CONTENTS			REMARK												
项目名称 Project Name	[REDACTED]															
试验目的 Test Purpose	DV															
试验设备 Equipment	爆破试验台	设备有效期 Valid Date	[REDACTED]													
样件数量 PCS.	3PCS	零件号 Part No	[REDACTED]													
试验者 Tested by		试验日期 Test Date	[REDACTED]													
试验条件 Test Condition	a) 将水壶安装到测试工装上。 b) 接入气源。 c) 将水壶放入爆破箱内。 d) 充气直到爆破，气压表最大值 $\geq 500\text{kPa}$ e) 温度：室温															
判定基准 Judgment Criterion	$\geq 500\text{kPa}$ 为合格															
试验判定 Judgment	合格															
试验结果 Test Result	<table border="1"> <thead> <tr> <th>NO</th> <th>SPEC</th> <th>结果</th> </tr> </thead> <tbody> <tr> <td>#1</td> <td></td> <td>1131</td> </tr> <tr> <td>#2</td> <td>$\geq 500\text{kPa}$</td> <td>988</td> </tr> <tr> <td>#3</td> <td></td> <td>1054</td> </tr> </tbody> </table>			NO	SPEC	结果	#1		1131	#2	$\geq 500\text{kPa}$	988	#3		1054	
NO	SPEC	结果														
#1		1131														
#2	$\geq 500\text{kPa}$	988														
#3		1054														
试验者意见 Tester Opinion	符合要求															

Each batch must undergo a burst test, with the general requirement reaching 400kPa. AP requires a burst pressure of $\geq 500\text{kPa}$ for approval.

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