

# CERTIFICATE

**(Certificate of conformity with technical requirements in:)  
API Standard 622 Second Edition, October 2011**

**Certificate No.:** QT-IS-SH020002/2019-01

**Ref. Test Report No.:** TTROCKB201807005

**Name, Address of manufacturer:** **Zhejiang Magpie Material Technology Co., Ltd.**  
No.9th, Xiezhai lane, Oubei Street, Yongjia County,  
Wenzhou City, Zhejiang Province, P.R.China

We hereby certify that the Fugitive Emission test on below packing have been conducted at the laboratory designated by manufacturer /applicant and witnessed by TUV inspector according to requirements of API Standard 622 Second Edition, October 2011. The testing results of packing meet the requirements of API Standard 622.

**1. Description of Test Packing :**

Type Designation of tested packing (s):	M622
Description of Packing :	Graphite packing / two braided end rings and three die-formed rings
Size of Packing section :	6.3 mm (1/4 in.)
Packing Material :	Graphite +Braided graphite

**2. Qualified Range of packing :**

Type :	M622
Description of Packing :	Graphite packing / two braided end rings and three die-formed rings
Qualification Material :	Graphite+ Braided graphite
Remark: the technical data of test packing see back of this certificate appendix 1.	

This certificate is issued according to API Standard 622 Second Edition, October 2011, based upon the result of testing report on above mentioned test packing. The additional packing qualification shall be limited on similar packing of same basic design as the test packing and same materials as the test packing in the rising stem seal according to API Standard 622 Second Edition, October 2011.

Shanghai, Feb.26, 2019

Place, Date

Ge, Lei



TÜV Thuringen Shanghai Co., Ltd.

### Technical Data Form

**Name, Address of manufacturer:** Zhejiang Magpie Material Technology Co., Ltd.  
No.9<sup>th</sup>, Xiezhai lane, Oubei Street, Yongjia County,  
Wenzhou City, Zhejiang Province, P.R.China

**1. Type of Test Packing:** M622  
**2. Description of Test Packing:** Graphite packing /two braided end rings  
and three die-formed rings  
**3. Size of Packing Section:** 6.3 mm(1/4 in.)

**4. type testing**

Packing free height(name)	38.1(1.50) mm(in.)
Stem diameter	25.4mm(1in.)
Recommended gland nut torque	33.8(24.91) N M(ft lb)
Test pressure	4.14(600) MPa(psi)
Number of mechanical cycles	1510
Number of thermal cycles	5
Packing adjustment times	0
Maximum leakage through test	24.3 PPMv < 100 PPMv(Max. Allowable Leakage)

Shanghai, Feb.26, 2019

Place, Date



TÜV Thuringen Shanghai Co., Ltd.

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