

ABOUT LEDE

INTERNATIONAL APPROVAL



Certificate of Compliance

This certificate is issued for the following:

Non-Gasketed Pipe Fittings for Aboveground Fire Protection Systems

Model J02R
Grooved Outlet Welded Pipe Outlet

Model J01
Threaded Outlet Welded Pipe Outlet with either NPT or BSPT Threads

Prepared for: Shandong LeDe Machinery Co., Ltd
Ping Zhang Zi
Southeast of Yunan County
Tangshan City, Hebei Province 064100
China

Manufactured at: Shandong LeDe Machinery Co., Ltd
Ping Zhang Zi
Southeast of Yunan County
Tangshan City, Hebei Province 064100
China

FM Approvals Class: 1920 - "Pipe Couplings and Fittings for Aboveground Fire Protection Systems"
Approval Identification: 30581013 Approval Granted: July 22, 2016

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the construction as shown in the Approval Guide, an online resource of FM Approvals.

David H. Fuller
David H. Fuller
AVP, Manager of Fire Protection
FM Approvals
1151 Boutes-Providence Turnpike
Newwood, MA 02062 USA



CERTIFICATE OF COMPLIANCE

Certificate Number: 20160101-EX22900
Report Reference: EX2894-20160107
Issue Date: 2016-January-07

Issued to: SHANDONG LEDE MACHINERY CO LTD
No. 3908
West Weinbian N Rd
Weicheng District
Shandong 261057 CHINA

This is to certify that representative samples of: **FITTINGS, WELDED OUTLET Model: J01, J02R**

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.


Standards for Safety: UL 218B WELDED OUTLET FITTINGS FOR FIRE PROTECTION, UL 630R Q218 WELDED OUTLET FITTINGS

Additional Information: See the UL Online Certifications Directory at www.ul.com/certdir for additional information.

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and UL Service.

Look for the UL Certification Mark on the product.

David H. Fuller
David H. Fuller
AVP, Manager of Fire Protection
FM Approvals
1151 Boutes-Providence Turnpike
Newwood, MA 02062 USA





Certificate of Environment Management System

Certificate No. 1011022293W3700

SHANDONG LEDE MACHINERY CO., LTD.

Beijing Zhonglianann Certification Center (ZJ) certifies that the Environment Management System of the above organization has been assessed and found to be in accordance with the following certified standards:

SCOPE OF CERTIFICATION: REGISTRATION

Subject to operational conditions or requirements conformity with Environment Management System, The Certificate is valid for a period of three years.

Issue Date: April 20, 2016. Issue No: 1011022293W3700

The effectiveness of this Certificate shall be validated by periodic surveillance audits of 20% per minimum. The Certificate will not be in force unless certified identification is kept there under by 22.75 within appropriate time limit.

2016-04-20 Valid until: 2019-04-20

Beijing Zhonglianann Certification Center
Room 805, 20th Floor, New South China Building 3, No. 100 Dong Chang Street, Changping District, Beijing 102208, China





Certificate of Compliance

This certificate is issued for the following:

PIPE COUPLINGS AND FITTINGS FOR ABOVEGROUND FIRE PROTECTION SYSTEMS

RIGID AND FLEXIBLE COUPLINGS
Models GKS (rigid), XGGT1 (rigid) and XGGT2 (flexible)
SIZES 1 through 10 inch NPS

MECHANICAL TEES
Model XGGT04
SIZES 1-1/4 through 8 inch NPS

GROOVED SPLIT FLANGES
Model XGGT09
SIZES 2, 3 and 4 inch NPS

Prepared for: Shandong LeDe Machinery Co., Ltd
No. 3998 West Weinbian N Road
Weicheng District
Weifang City, Shandong 261057
China

FM Approvals Class: 1920
Approval Identification: 3048443 Approval Granted: February 24, 2012

Said Approval is subject to satisfactory field performance, continuing Follow-up Facilities and Procedures Audits, and strict conformity to the construction as shown in the Approval Guide, an online resource of FM Approvals.

For more than 160 years FM Approvals has partnered with business and industry to reduce property losses.

Richard B. Duanne
Richard B. Duanne
Group Manager - Fire Protection
FM Approvals
1151 Boutes-Providence Turnpike
Newwood, MA 02062



CERTIFICATE OF COMPLIANCE

Certificate Number: 20160607-EX15228
Report Reference: EX15228-20161223
Issue Date: 2016-JUNE-07

Issued to: SHANDONG LEDE MACHINERY CO LTD
NO.3998 WEST WEIBIAN N RD,
WEICHENG DISTRICT
WEIFANG, SHANDONG 261057 CHINA

This is to certify that representative samples of: **FITTINGS, RUBBER GASKETED See addendum page**

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standards for Safety: Rubber Gasketed Fittings for Fire-Protection Service, UL 218B


Additional Information: See the UL Online Certifications Directory at www.ul.com/certdir for additional information.

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and UL Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the words LISTED, a model number (plus an alphanumeric designator by UL) and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.

David H. Fuller
David H. Fuller
AVP, Manager of Fire Protection
FM Approvals
1151 Boutes-Providence Turnpike
Newwood, MA 02062 USA




QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 0011022293W3700

We hereby certify that **Shandong LeDe Machinery Co., Ltd.**

has been assessed for compliance with the standard **ISO 9001:2008 GB/T 19001-2008**

The Quality Management System Applies in the following areas: **Production of Grooved Gaskets and Fittings**

Certified since: Mar. 18, 2014 Valid from: Mar. 04, 2015 Valid until: Mar. 04, 2019

China Quality Certification Centre
No. 3888 West Weibian N Road, Weichang District, Weifang City, Shandong Province, P.R. China





Certificate of Compliance

This certificate is issued for the following:

Pipe Couplings and Fittings for Aboveground Fire Protection Systems

Models XGQT01, XGQT011, XGQT03, XGQT06, XGQT06, XGQT05, XGQT03, GKS, XGQT1, XGQT2, L922

Various sizes from 1-1/4 to 12 inch NPS

Prepared for: Shandong LeDe Machinery Co Ltd
No. 3998 West Weinbian N Road
Weicheng District
Weifang City, Shandong 261057
China

FM Approvals Class: 1920
Approval Identification: 0001049099 Approval Granted: 12/17/2013

Said Approval is subject to satisfactory field performance, continuing Follow-up Facilities and Procedures Audits, and strict conformity to the construction as shown in the Approval Guide, an online resource of FM Approvals.

To verify the availability of the Approved product, please refer to www.approvalguide.com

Richard H. Duanne
Richard H. Duanne
Group Manager - Fire Protection
FM Approvals
1151 Boutes-Providence Turnpike
Newwood, MA 02062



UL the standard in safety

File: 013228 Vol. 1 Issued: 09/04/2015 Revised: January 5, 2012

PRELIMINARY SERVICE PROCEDURE
CHECK LIST

FITTINGS, RUBBER GASKETED
(0001) (0001)

Manufacturer: SHANDONG LEDE MACHINERY CO LTD
No. 3998
WEST WEIBIAN N RD
WEICHENG DISTRICT
WEIFANG, SHANDONG 261057 CHINA

Model: XGQT01, XGQT011, XGQT03, XGQT06, XGQT06, XGQT05, XGQT03, GKS, XGQT1, XGQT2, L922

UL Part: 0001 (0001) (0001)

UL Part: 0001 (0001) (0001)

UL Part: 0001 (0001) (0001)

This Procedure authorizes the above manufacturer to use the marking specified by Underwriters Laboratories Inc. (UL), or any authorized licensee of UL, only on products covered by this Procedure, in accordance with the applicable UL Service Agreement.

The approved Mark or Marking shall be used only at the above manufacturing location on each product which complies with this Procedure and any other applicable requirements.

This Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is loaned to the Manufacturer with the understanding that it is not to be copied, altered, sold, or put, and that it will be returned to Underwriters Laboratories Inc. (UL) or an authorized licensee of UL, upon request.

This PROCEDURE, and any subsequent revisions, is the property of Underwriters Laboratories Inc. (UL) and the authorized licensee of UL and is not transferable.

Underwriters Laboratories Inc.
William R. Conroy
William R. Conroy
Director
North American Certification Program

UL the standard in safety

File: 013228 Vol. 1 Issued: 09/04/2015 Revised: January 5, 2012

FOLLOW-UP SERVICE PROCEDURE
CHECK LIST

FITTINGS, RUBBER GASKETED
(0001) (0001)

Manufacturer: SHANDONG LEDE MACHINERY CO LTD
No. 3998
WEST WEIBIAN N RD
WEICHENG DISTRICT
WEIFANG, SHANDONG 261057 CHINA

Model: XGQT01, XGQT011, XGQT03, XGQT06, XGQT06, XGQT05, XGQT03, GKS, XGQT1, XGQT2, L922

UL Part: 0001 (0001) (0001)

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Underwriters Laboratories Inc.
William R. Conroy
William R. Conroy
Director
North American Certification Program

- MOST RELIABLE SUPPLIER -