



This certificate is issued for the following:

Model XGQT09

Non-Gasketed Pipe Fittings for Aboveground Fire Protection Systems

Model XGQT16
Grooved End Cap
Model XGQT03
90 Degree Grooved Elbow

90 Degree Grooved Elbow Model XGQT11 Grooved Concentric Reducer Model XGQT05 22.5 Degree Grooved Elbow

Grooved Equal Cross Equal Tee

Model XGQT04

45 Degree Grooved Elbow

Model XGQT11S

Threaded Concentric Reducer

Model XGQT06

11.25 Degree Grooved Elbow

Model XGQT07
Equal Tee
Grooved Reducing Tee
Model XGQT08S
Elbow
Threaded Reducing Tee
Model XGQT10S
Reducer
Threaded Reducing Cross
Model XGQT10
Grooved Reducing Cross

Prepared for:

Hebei Jianzhi Casting Group Co Ltd Pang Zhuang Zi Southeast of Yutian County Tangshan City, Hebei Province 064100 China

Manufactured at:

Hebei Jianzhi Casting Group Co Ltd Pang Zhuang Zi Southeast of Yutian County Tangshan City, Hebei Province 064100 China

FM Approvals Class: 1920 - "Pipe Couplings and Fittings for Aboveground Fire Protection Systems"

Approval Identification: 3054543

Approval Granted: July 16, 2015 Approval Reissued: August 28, 2015

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

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

David B. Fuller

AVP, Manager of Fire Protection

FM Approvals

1151 Boston-Providence Turnpike

Norwood, MA 02062



Member of the FM Global Group

CERTIFICATE OF COMPLIANCE

Certificate Number 20180621-EX27485

Report Reference EX27485-20180620

Issue Date 2018-JUNE-21

Issued to: HEBEI JIANZHI CASTING GROUP LTD

Pangzhuangzi

Southeast Of Yutian County

Tangshan

Hebei 064000 CHINA

This is to certify that FITTINGS, RUBBER GASKETED

representative samples of See Addendum Page

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 213, Rubber Gasketed Fittings for Fire-Protection

Service.

Additional Information: See the UL Online Certifications Directory at

www.ul.com/database for additional information

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

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC





CERTIFICATE OF COMPLIANCE

Certificate Number 20180621-EX27485

Report Reference EX27485-20180620

Issue Date 2018-JUNE-21

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Rubber Gasketed fittings Models as following table listed for use with cut, rolled or grooved steel pipe. The sizes, pipe schedules, groove types and rated working pressure are as follows:

Rigid Coupling (for use with grooved end pipe or this manufacturer's grooved end fittings)

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
XGQT01	Cut, Rolled	GB/T3091	1, 1-1/2, 2, 3OD, 3, 4, , 5-1/2OD, , 6-1/2OD, 6,	300
XGQT01	Cut, Rolled	GB/T21835	4-1/4OD, 5-1/4OD, 6-1/4OD, 8, 10, 12,	300

Split Flange (for use with grooved end pipe or this manufacturer's grooved end fittings)

Model	Groove Type	Pipe	Size (in.)	Rated Pressure (psig)
XGQT14	Cut, Rolled	GB/T3091	3OD, 3, 4, 5-1/2OD, 6-1/2OD,	225
XGQT14	Cut, Rolled	GB/T21835	4-1/4OD, 5-1/4OD, 6-1/4OD, 8	225

(Side outlet) Mechanical Tee

				Rated Pressure
Model	Outlet Type	Pipe	Size (in.)	(psig)
XGQT15	Grooved	GB/T 3091	4 × 1, 1-1/2, 2, 30D 5-1/20D × 30D, 3 6-1/20D × 2, 30D, 3, 4	
XGQT15	Grooved	GB/T21835	8 × 2, 30D, 3, 4	300
XGQT15S	Threaded	GB/T 3091	3OD × 1, 1-1/4, 1-1/2 3 × 1, 1-1/4, 1-1/2, 2 4 × 1, 1-1/4, 1-1/2, 2, 3OD, 3 5-1/2OD × 1, 1-1/4, 1-1/2, 2, 3OD 6-1/2OD × 1, 1-1/4, 1-1/2, 2, 3OD, 3, 4	300
XGQT15S	Threaded	GB/T21835	4-1/4OD × 1, 1-1/4, 1-1/2, 2, 3OD; 6-1/4OD × 1, 1-1/4, 1-1/2, 2, 3OD, 3 8 × 1, 1-1/4, 1-1/2, 2, 3OD, 3	300

Notes:

GB/T3091 refers to steel pipe manufactured in accordance with GB/T3091. GB/T21835 refers to steel pipe manufactured in accordance with GB/T21835.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/







This certificate is issued for the following:

Non-Gasketed Pipe Fittings for Use with Aboveground Fire Protection Systems

Model 90 Malleable Iron 90° Elbow Model 90R Malleable Iron 90° Reducing Elbow Model 130 Malleable Iron Equal Tee

Model 130R Malleable Iron Reducing Tee

Model 180 Malleable Iron Equal Cross Model 180R Malleable Iron Reducing Cross

Prepared for:

Hebei Jianzhi Casting Group Co Ltd Pang Zhuang Zi Southeast of Yutian County Tangshan City, Hebei Province 064100 China

Manufactured at:

Hebei Jianzhi Casting Group Co Ltd Pang Zhuang Zi Southeast of Yutian County Tangshan City, Hebei Province 064100 China

FM Approvals Class: 1920 – "Pipe Couplings and Fittings for Aboveground Fire Protection Systems"

Approval Identification: 3058846 Approval Granted: May 5, 2017

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 constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller

AVP, Manager of Fire Protection

FM Approvals

1151 Boston-Providence Turnpike

Norwood, MA 02062 USA



Member of the FM Global Group





This certificate is issued for the following:

Non-Gasketed Pipe Fittings for Use with Aboveground Fire Protection Systems

Model 291 Malleable Iron Plug Model 241 Malleable Iron Bushing Model 280 Malleable Iron Pipe Nipple

Model 270 Malleable Iron Straight Coupling

Model 240
Malleable Iron Concentric Reducer

Prepared for:

Hebei Jianzhi Casting Group Co Ltd Pang Zhuang Zi Southeast of Yutian County Tangshan City, Hebei Province 064100 China

Manufactured at:

Hebei Jianzhi Casting Group Co Ltd Pang Zhuang Zi Southeast of Yutian County Tangshan City, Hebei Province 064100 China

FM Approvals Class: 1920 – "Pipe Couplings and Fittings for Aboveground Fire Protection Systems"

Approval Identification: 3058846 Approval Granted: May 5, 2017

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 constructions as shown in the Approval Guide, an online resource of FM Approvals.

David B. Fuller

AVP, Manager of Fire Protection

FM Approvals

1151 Boston-Providence Turnpike

Norwood, MA 02062 USA



Member of the FM Global Group

Certificate of Compliance

Certificate Number **20080521-EX15298**Report Reference **EX15298, 2008 April 2**

Issue Date 2008 May 21



Issued to: Hebei Jianzhi Casting Group Ltd

Pangzhuangzi

South East of Yutian County Tangshan, Hebei 064000

China

This is to certify that representative samples of

Tee, Elbow 90°, Socket & Nipple

In sizes from 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 and 4 inches at a rated pressure

of 363 psig (25 Kg/cm²). Please see addendum on Page 2 of 2.

Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard Specification for Metallic Cast Iron Fittings (threaded to ISO 7-1) ISO

49, Second Edition, 1994 for Water Service.

Additional Information: Intended for use in water supply piping systems and fire suppression system

piping in accordance with National Fire Protection Association Standards.

These products have not been investigated for use in potable water systems

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

The UL Listing Mark generally includes the following elements: the symbol UL in a circle: with the word "LISTED"; a control number (may be alphanumeric) assigned 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

Issued by: Sumit:Khanna Reviewed by: Matthew D. Tennenkaum

Sumit Kr Khanna, Asso Project Engineer. Matthew D. Tennenbaum, Staff Engineer

UL India Private Limited, India UL Inc, US

 $Any information \ and \ documentation \ involving \ UL \ mark Services \ are \ provided \ on \ behalf of \ Underwriters \ Laboratories \ Inc. \ (UL) \ or \ any \ authorized \ licensee \ of \ UL \ .$

Page 1 of 2

Certificate of Compliance

Addendum to Certificate of Compliance

Certificate Number **20080402-EX15298**Report Reference **EX15298, 2008 April 2**

Issue Date 2008 April 2



Model	Fitting Type	Size, in.	Rated Pressure, Kg/cm2 (psig)
A1	90° Elbow	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	25 (363)
B1	Tees	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	25 (363)
M2	Socket	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	25 (363)
N8	Hexagonal Nipple	1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4	25 (363)

CERTIFICATE OF COMPLIANCE

 Certificate Number
 20161229-MH61984

 Report Reference
 MH61984-20161228

 Issue Date
 2016-DECEMBER-29

Issued to: HEBEI JIANZHI CASTING GROUP LTD

PANGZHUANGZI

SOUTHEAST OF YUTIAN COUNTY

TANGSHAN

HEBEI 064000 CHINA

This is to certify that DRINKING WATER SYSTEM COMPONENTS representative samples of Trade Designation - "ELBOW", "TEE", "CROSS",

"CROSSOVER", "BEND", "SOCKET", "M/F REDUCER", "CAP PLUG", "UNION", "UNION ELBOW", "SIDE OUTLET

ELBOW", "DRINKING ELBOW"

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: NSF/ANSI Standard 61a - Drinking Water System

Components - Health Effects

Additional Information: See the UL Online Certifications Directory at

www.ul.com/database for additional information

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

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC







BALAI BESAR LOGAM DAN MESIN LEMBAGA SERTIFIKASI PRODUK MIDC (LSPra MIDC)



SERTIFIKAT PRODUK PENGGUNAAN TANDA SNI

SNI MARKING PRODUCT CERTIFICATE No: 001/012/01.13/1/2014

Diberikan kepada / Issued to.

Perusahaan / Company

HEIBEI JIANZHI CASTING GROUP CO., LTD

Alamat / Address

Yutian District, Heibei Province, Pang Zuangzhi Southeast, China

Lokasi pabrik / Factory location

Yutian District, Heibei Province, Pang Zuangzhi Southeast, China

Importir

PT. SINAR MAS ANDHIKA

Alamat

Vinilon Building It. 8, Jl. Raden Saleh Kav. 13-17, Jakarta Pusat,

Indonesia 10430

Nomor SNI / SNI Number

SNI 0139:2008

Komoditi / Commodity

Penyambung Pipa Berulir Dari Besi Cor Malleabel Hitam

Tipe/Jenis / Type / Kind

(Terlampir/Attached)

Merek / Trade Mark

JZ

Sistem Mutu yang digunakan /

Quality System Applied Masa Berlaku Sertifikat / SNI ISO 9001: 2008

4 tahun / 4 Years

Certificate Validity

Tipe Sertifikasi /

Type of Certification

5

Bandung, 09 Januari 2014

Ketua Dewan Pengarah LSPro MIDC

Head of LSPro MIDC Steering Comitee Ave

Ir. Eddy Siswanto, MAM

Masa berlaku Sertifikat / Certificate Validity

Tanggal Terdaftar / Registered Date

: 09 Januari 2014

Tanggal Kadaluwarsa / Expiration Date

: 09 Januari 2018

Jl. Sangkuriang No. 12 Bandung 40135 Jawa Barat – Indonesia Telp. (022) 2503171, Fax. (022) 2503978

> Email: Ispro midc@yahoo.co.id Website: www.bblm.go.id



TÜRK STANDARDLARI ENSTİTÜSÜ

TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark TSE veya/or veya/or ⊨ 🕜 Ш

BELGE NUMARASI

REFERENCE NUMBER OF LICENCE

BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE

BELGENIN SON GECERLILIK TARIHI LICENCE VALID UNTIL

BELGE SAHİBİ KURULUŞUN ADI

NAME OF THE LICENCE HOLDER BELGE SAHİBİ KURULUSUN ADRESİ ADRESS OF THE LICENCE HOLDER

ÜRETİM YERİ ADI

NAME OF THE MANUFACTURING PLACE ÜRETİM YERİ ADRESİ ADRESS OF THE MANUFACTURING PLACE

İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)

TESCILLI TICARI MARKASI REGISTERED TRADE MARK

ILGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD

BELGE KAPSAMI SCOPE OF LICENCE 14.0.30.4.34.00/TSE-64506

06.05.2013

06.05.2014

FERAY İNŞ.DOĞ.MAL.SAN.TİC.LTD.ŞTİ.

EGE SOKAK NO: 5/147 ULUS UÇAR TİCARET MERKEZİ ANKARA

HEBEI JIANZHI CASTING GROUP LTD

PANGZHUANGZI SOUTHEAST OF YUTIAN COUNTY HEBEI PROVINCE, CHINA YURTDIŞI

JIANZHI

TS 11 EN 10242 / Boru Bağlantı Parçaları- Dökme Demir Temperlenmiş, Diş Açılmış / 26.04.2000

TS 11 EN 10242/Nisan 2000 "BORU BAĞLANTI PARÇALARI - DÖKME DEMİR -TEMPERLENMİŞ, DİŞ AÇILMIŞ" -A1 DIRSEKLER:

1/2" Fe-A (Dahil)den - 4" Fe-A (Dahil)e kadar,

1/2" Zn-A (Dahil)den - 4" Zn-A (Dahil)e kadar

-A4 DİRSEKLER (İÇ-DIŞ VIDALI);

1/2" Fe-A (Dahil)den - 2 1/2" Fe-A (Dahil)e kadar, 1/2" Zn-A (Dahil)den - 2 1/2" Zn-A (Dahil)e kadar

-B1 T-DİRSEKLER;

1/2" Fe-A (Dahil)den - 4" Fe-A (Dahil)e kadar, 1/2" Zn-A (Dahil)den - 4" Zn-A (Dahil)e kadar

-N4 REDÜKSİYON NİPELLER;

3/4" X1/2" Fe-A (Dahil)den - 4"X3" Fe-A (Dahil)e kadar, 3/4" X1/2" Zn-A (Dahil)den - 4" X3" Zn-A (Dahil)e kadar

-N8 NIPELLER;

1/2" Fe-A (Dahil)den - 4" Fe-A (Dahil)e kadar, 1/2" Zn-A (Dahil)den - 4" Zn-A (Dahil)e kadar

.08/2013

TSE İSTANBUL ÜRÜN BELGELENDİRME MÜDÜRÜ

ROĞLU

*Enstitümüzce verilmekte olan "İmalata Yeterlilik Belgesi" 15.04.2007 tarihinden itibaren uygulamadan kaldırılmıştır *Bu belge, belgelendirilen ürünün, üretim yerinin Enstitümüzün belirlediği şartları karşıladığını da gösterir.

TSE Kalite Kampusu İSTANBUL* İstanbul ÜBMÇAYIROVA TREN ISTASYONU YANI BAYRAMOGLU -GEBZE / KOCAELI * Tel: 0262 653 07 52-20 HAT* Faks: 0262 653 08 49 * web www.kampus.tse.org.tr * e-mail: e-mail:ubm@kampus.tse.org.tr



TÜRK STANDARDLARI ENSTİTÜSÜ TÜRK STANDARDLARINA UYGUNLUK BELGESİ EKİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS APPENDIX

BELGE KAPSAMI (14.0.30.4.34.00/TSE-64506nolu belge devamı): FERAY İNŞ.DOĞ.MAL.SAN.TİC.LTD.ŞTİ.

İLGİLİ TÜRK STANDARDI TS 11 EN 10242 / Boru Bağlantı Parçaları- Dökme Demir Temperlenmiş, Diş Açılmış / -U 11 KONİK REKORLAR;

1/2" Fe-A (Dahil)den - 4" Fe-A (Dahil)e kadar, 1/2" Zn-A (Dahil)den - 4" Zn-A (Dahil)e kadar



8../05/2013

TSE STANBUL ÜRÜN BELGELENDİRME MÜDÜRÜ

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TSE Kalite Kampusu |STANBUL* | İstanbul ÜBMÇAYIROVA TREN ISTASYONU YANI BAYRAMOGLU -GEBZE / KOCAELI * Tel: 0262 653 07 52-20 HAT* Faks: 0262 653 08 49 * web: www.kampus.tse.org.tr * e-mail:

Bu belge hiç bir suretle tahrif edilemez, kısmen veya okunmasını zorlaştıracak şekilde çoğaltılamaz, kazıntı ve silinti yapılamaz.

Certificate of Compliance

No. 0P211012.HJCQS00

Test Report / Technical Construction File no. TCHB21092933970

Certificate's

HEBEI JIANZHI CASTING GROUP CO., LTD.

Pangzhuangzi Southeast of Yutian County Tangshan Holder:

Hebei

Certification ECM Mark:



Product:

Malleable steel pipe fittings

Model(s): **DN** series

Verification to: Standard:

BS EN 10242:1995

related to GBR Regulation:

Construction Products Regulations (Regulation (EU) 305/2011 as brought into UK law and amended)

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the product(s) accordingly to ECM regulation about its release and its use. The regulation can be found at www.entecerma.it.

Additional information and clarification about the Marking:



The manufacturer is responsible for the UKCA Marking process, and if necessary, must refer to a Notified Body. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products. RG01_ECM available at: www.entecerma.it

Issuance date: 12 October 2021 Expiry date: 11 October 2026

> Reviewer **Technical expert** Amanda Payne







CERTIFICATE

质量管理体系认证证书

证书编号: 00220Q26278R4L

兹证明

河北建支铸造集团有限公司

统一社会信用代码: 91130229105198244A 住所: 河北省玉田县城东南庞庄子 认证地址: 河北省玉田县城东南庞庄子(064100)

管理体系符合

GB/T 19001-2016/ISO 9001:2015 《质量管理体系 要求》

覆盖的产品和服务

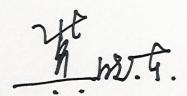
可锻铸铁管路连接件、沟槽式管接件、给水衬塑可锻铸铁管件、悬式绝缘子铁帽的设计、生产及相关技术服务

生效日期: 2020年11月24日

有效期至: 2023年11月24日

注册号: CQM-99-2002-0062-0001

(本证书信息可在国家认证认可监督管理委员会官方网站 www.cnca.gov.cn 或方圆标志认证集团官方网站上查询,也可通过验证 《确认证书》确认本证书的有效性)













中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C002-M

GB/T 19001

才园标志认证集团

地址:北京市海淀区增光路33号 (100048) http://www.cqm.com.cn



环境管理体系认证证书

证书编号: 00220E33762R4L

兹证明

河北建支铸造集团有限公司

统一社会信用代码: 91130229105198244A 住所: 河北省玉田县城东南庞庄子 认证地址: 河北省玉田县城东南庞庄子 (064100)

管理体系符合

GB/T 24001-2016/ISO 14001:2015 《环境管理体系 要求及使用指南》

覆盖的产品和服务

可锻铸铁管路连接件、沟槽式管接件、给水衬塑可锻铸铁管件、悬式绝缘子铁帽的设计、生产及相关技术服务

生效日期: 2020年11月24日

有效期至: 2023年11月24日

注册号: CQM-99-2002-0062-0002

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7 18.4.











中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C002-M

GB/T 24001

方圆标志认证集团

地址:北京市海淀区增光路33号 (100048) http://www.cqm.com.cn

0087289



职业健康安全管理体系 认证证书

证书编号: 00220S23380R4L

兹证明

河北建支铸造集团有限公司

统一社会信用代码: 91130229105198244A 住所: 河北省玉田县城东南庞庄子 认证地址: 河北省玉田县城东南庞庄子(064100)

管理体系符合

GB/T 45001-2020/ISO 45001:2018 《职业健康安全管理体系 要求及使用指南》

覆盖的产品和服务

可锻铸铁管路连接件、沟槽式管接件、给水衬塑可锻铸铁管件、悬式绝缘子铁帽的设计、生产及相关技术服务

生效日期: 2020年11月24日

有效期至: 2023年11月24日

注册号: CQM-99-2002-0062-0003

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7 18. 4.









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才圆标志认证集团

地址:北京市海淀区增光路33号 (100048) http://www.cqm.com.cn