Certificate Number
 20170301-EX15973

 Report Reference
 EX15973-20130627

 Issue Date
 2017-MARCH-01

Issued to: JINAN MEIDE CASTING CO LTD

3 NANMEN RD

PINGYIN

JINAN, SHANDONG 250400 CHINA

This is to certify that GATE VALVES

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: Safety for Gate Valves for Fire Protection Service, UL 262

and ULC/ORD-C262

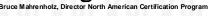
Additional Information: See the UL Online Certifications Directory at

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.











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

Gate Valve

		\times \times \times	Rated	
/11. \/11. \/	11-3/	II. VIII. VIII. VIII. V	Pressure,	End
Model	Type	Size, in (mm)	psi	Configuration
Z41X-300	X	2,2.5,3,4,5,6,8,10, 12	300	F by F
Z41X-250		2,2.5,3,4,5,6,8,10, 12	250	(ANSI Flange)
Z41X-200	OS&Y	2,2.5,3,4,5,6,8,10, 12	200	
Z41X-PN16-300	US&I	2,2.5,3,4,5,6,8	300	F by F
Z41X-PN16-250		10, 12	250	(BS Flange)
Z41X-PN16-200	11. V	2,2.5,3,4,5,6,8,10,12	200	(BS Flange)
Z45X-300	12 L. M.	2.5,3,4,5,6,8,10, 12	300	F by F
Z45X-250		2.5,3,4,5,6,8,10, 12	250	- ANSI Flange)
Z45X-200	NRS	2.5,3,4,5,6,8,10, 12	200	(ANSI Flange)
Z45X-PN16-300	NRS	2.5,3,4,5,6,8	300	F by F
Z45X-PN16-250	(b/\	10, 12	250	BS Flange)
Z45X-PN16-200		2.5,3,4,5,6,8,10,12	200	(BS Flange)
Z81X-300		2,2.5,3,4,5,6,8,10, 12	300	a her a
Z81X-250		2,2.5,3,4,5,6,8,10, 12	250	G by G
Z81X-200	OGCM	2,2.5,3,4,5,6,8,10, 12	200	
Z81X-PN16-300	OS&Y	2,2.5,3,4,5,6,8	300	G ber G
Z81X-PN16-250		10, 12	250	G by G
Z81X-PN16-200		2,2.5,3,4,5,6,8,10,12	200	レラヘラへ
Z85X-300		2.5,3,4,5,6,8,10, 12	300	a bee a
Z85X-250	11.37	2.5,3,4,5,6,8,10, 12	250	G by G
Z85X-200	NTD C	2.5,3,4,5,6,8,10, 12	200	ULTALTA
Z85X-PN16-300	NRS	2.5,3,4,5,6,8	300	a 1 a
Z85X-PN16-250		10, 12	250	G by G
Z85X-PN16-200	UI X	2.5,3,4,5,6,8,10,12	200	
Z51X-300		2,2.5,3,4,5,6,8,10, 12	300	
Z51X-250		2,2.5,3,4,5,6,8,10, 12	250	F by G (ANSI Flange)
Z51X-200	OGCV	2,2.5,3,4,5,6,8,10, 12	200	(ANSI Flange)
Z51X-PN16-300	OS&Y	2,2.5,3,4,5,6,8	300	A FWAFWA
Z51X-PN16-250	X	10, 12	250	F by G
Z51X-PN16-200		2,2.5,3,4,5,6,8,10,12	200	(BS Flange)
Z55X-300	UI II	2.5,3,4,5,6,8,10, 12	300	T 1 0
Z55X-250	ND C	2.5,3,4,5,6,8,10, 12	250	F by G
Z55X-200	NRS	2.5,3,4,5,6,8,10, 12	200	(ANSI Flange)
Z55X-PN16-300	\mathbf{u} , \mathbf{v}	2.5,3,4,5,6,8	300	F by G



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Z55X-PN16-250	10, 12	250	(BS Flange)
Z55X-PN16-200	2.5,3,4,5,6,8,10,12	200	・ハットハットハッ

Model	Туре	Size, in	Rated Pressure, psi	End configuration
Z31X-300	- 1/ Ur)	rua wua wua wu	300	
Z31X-250	レノヘン	2,3,4,6,8,10,12	250	MJ by MJ
Z31X-200			200	
XZ81X-300	- 3/11. 3	2,2.5,3,4,5,6,8,10,12	300	AL MIL MIL V
XZ81X-250	L/L/L/		250	G by G
XZ81X-200			200	G by G
XZ81X-PN16	7/11/	2,2.5,3,4,5,6,8,10,12	232	(a) \((a) \((a) \)
XZ41X-PN16-300		2,2.5,3,4,5,6,8	300	VER ULIKULI
XZ41X-PN16-250	シレン	10,12	250	
XZ41X-PN16		2,2.5,3,4,5,6,8,10,12	232	- 1 - (-0)
XZ41X-PN10	OS&Y	8,10,12	175	F by F (BS)
Z41X-PN16	シベシ	2,2.5,3,4,5,6,8,10,12	232	しんしんしん
Z41X-PN10		8,10,12	175	\times
Z41X-F4-PN16	- 1/11. \	2,2.5,3,4,5,6,8,10,12	232	F by F (DIN)
Z41X-F4-PN10	L/("L/	8,10,12	175	
XZ41X-F4-PN16		2,2.5,3,4,5,6,8,10,12	232	
XZ41X-F4-PN10	. N/ii. N	8,10,12	175	
XZ41X-300		2,2.5,3,4,5,6,8,10,12	300	F by F (ANSI)
XZ41X-250			250	
XZ41X-200	7/		200	
Z35X-300	THULL		300	UT KUT KUL
Z35X-250	シヘン		250	フライライラ
Z35X-200			200	
Z35XC-300	- V(II-)	3,4,6,8,10,12	300	7111 Y 111 Y 111 Y
Z35XC-250	5/\~L/	これへいんいんい	250	MJ by MJ
Z35XC-200		\times \times \times	200	\times
Z35XC-2-300	NRS	TIL VIII VIII VIII	300	/II. WIL WIL \
Z35XC-2-250		4,6,8,10,12	250	じょじんっしんっこう
Z35XC-2-200			200	
Z85XC-2-300	1/11/	for Mor Mor Mor	300	A 3/0 3/0 3
Z85XC-2-250	T (U()	4,5,6,8,10,12	250	G by G
Z85XC-2-200	ンレン		200	
Z45X-1-F4-PN16		2.5,3,4,5,6,8,10,12	232	F by F (DIN)







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Z45X-1-F4-PN10	8,10,12	175	YIL YIL YIL	
Z45X-1-PN16	2.5,3,4,5,6,8,10,12	232	.V.IV.IV.IV.I	
Z45X-1-PN10	8,10,12	175	II had II (DG)	
Z45X-1-PN16-300	2.5,3,4,5,6,8	300	F by F (BS)	
Z45X-1-PN16-250	10,12	250		
Z45XC-F4-PN16	2.5,3,4,5,6,8,10,12	232	F by F (DIN)	
Z45XC-F4-PN10	8,10,12	175		

Model	Type	\nearrow	Rated	~ ~ ~
	. WII. Y	Size, in	Pressure,	End configuration
	レハベレノ	ルベレハベレハベレハベ	psi	(アレバッドバッド)
Z45XC-PN16		2.5,3,4,5,6,8,10,12	232	
Z45XC-PN10	7/11/	8,10,12	175	F by F (BS)
Z45XC-PN16-300		2.5,3,4,5,6,8	300	
Z45XC-PN16-250	7	10,12	250	
Z45XC-300			300	
Z45XC-250	(U)	2.5,3,4,5,6,8,10,12	250	THE 20 UP 20 UP 2
Z45XC-200	シヘシ		200	- 1 - (
Z45XC-2-300	V /		300	F by F (ANSI)
Z45XC-2-250	- V () - Y	4,5,6,8,10,12	250	(1) Y Y
Z45XC-2-200	57(~L)	たいべい いんしん	200	これへいたい
Z45XC-2-PN16-300		4,5,6,8	300	
Z45XC-2-PN16-250	. 7/11. 7	10,12	250	D has D (DG)
Z45XC-2-PN16	レルペレノ	4,5,6,8,10,12	232	F by F (BS)
Z45XC-2-PN10		8,10,12	175	
Z45XC-2-F4-PN16	7/11/	4,5,6,8,10,12	232	D bee D (DIM)
Z45XC-2-F4-PN10		8,10,12	175	F by F (DIN)
Z45X-PN16	フレン	2.5,3,4,5,6,8,10,12	232	D h D (DG)
Z45X-PN10		8,10,12	175	F by F (BS)
Z45X-F4-PN16	(U r)	2.5,3,4,5,6,8,10,12	232	E br- E (DIN)
Z45X-F4-PN10	シヘシ	8,10,12	175	F by F (DIN)
	\sim		300	$\mathcal{A} \mathcal{A} \mathcal{A} \mathcal{A}$
Z01X	OS&Y	2,3,4,6,8,10,12	250	F BY MJ
	L/L/YL/	YAPVAPVAFVAF	200	こりくいんし
36 36 3	NRS	NRS 3,4,6,8,10,12	300	
Z05X			250	F BY MJ
			200	しゃしん ウレス・ウレス
ZOENO.	MDG	2.4.6.0.10.10	300	E DV MT
Z05XC	NRS	3,4,6,8,10,12	250	F BY MJ



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7II. VII. VII.		H. VII. VII. V	200	VIII. VIII. VIII. V
(八 エレノ	パンレハンレハンじん	300	・ハ・レハ・レハ・レノ
Z05XC-2	NRS 4,6,8,10,12	4,6,8,10,12	250	F BY MJ
ALVIII VIII	V11.	fin Vin Vin V	200	Vir. Vir. Vir.

Note:

OS&Y - Outside Stem and Yoke, NRS - Non-rising Stem G- Grooved, F-Flange, MJ- Mechanical joint

ANSI Flange complies with ANSI B16.1 Class125; has alternative construction with EN1092-2, PN16/PN10 bolt hole.

Groove complies with AWWA C606.

BS Flange complies with EN1092-2 PN16.

DIN Flange complies with DIN EN1092-2 PN16.

Model	Type	Size, in	Rated	End configuration
		\times \times \times	Pressure,	
	V(ii\/ii\	fur. Var. Var. Var.	psi	ALVII. VIII.
T D T Y D L	N VL N VL)		300	ALV ALV ALY
XZ01X	OS&Y	3,4,6,8,10,12	250	F BY MJ
	100		200	
XZ31X	X Ui Y Ui X	2,3,4,6,8,10,12	300	MJ BY MJ
	OS&Y		250	
	$\overline{}$		200	
XZ51X	VIII VIII Y	2,2-1/2,3,4,5,6,8,10,	300	III VIII VIII V
	OS&Y		250	F BY G
		12	200	

Note:

F-Flange

G, Grooved

MJ- Mechanical joint

Model XZ01X, XZ31X and XZ51X are operated by handwheel.

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Model	Type	Size, in.	Rated	End
			Pressure,	configuration
1 \ 1 \ 1	100		psi	
XZ41X-250	1 K U 1 N	Un M Un M Un M Un M	250	E br E (ANCI
XZ41X-200	-/\/	こりくりくりくりへ	200	- F by F (ANSI - Flange)
XZ41X-175	OS&Y	14, 16, 18, 20, 24	175	r range /
XZ41X-PN16	- VII. V		232	F by F (BS Flange)
XZ41X-PN10	$II \setminus V \cap I \setminus V$		175	
Z45X-250			250	F by F (ANSI Flange)
Z45X-200			200	
Z45X-175	1 30 U 1 3	Ur X Ur X Ur X Ur X	175	
Z45XC-250	-/\/		250	E bee E /ANGT
Z45XC-200	ND C	14, 16, 18, 20, 24	200	F by F (ANSI
Z45XC-175	NRS	14, 16, 18, 20, 24	175	- Flange)
Z45X-PN16	エハベレハ	ALVALVALVALV	232	ソニトソニト
Z45X-PN10			175	F by F (BS
Z45XC-PN16	1/60		232	Flange)
Z45XC-PN10	T X UL X	UINUINUINUIN	175	K Ui K Ui)

Note:

OS&Y - Outside Stem and Yoke, NRS - Non-rising Stem

ANSI Flange comply with ANSI B16.1 CLASS125

BS Flange comply with EN1092-2 PN10/PN16



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