



香港新界粉嶺安樂村安全街29A號 29A, On Chuen Street, On Lok Tsuen, Fanling, N.T., Hong Kong. Tel: 2677 2032, 2677 2138 Fax: 2677 0351 E-mail: castco@netvigator.com Website: www.castco.com.hk

#### **Test Certificate**

**Dimensions and Mass of Grey Iron Pipes and Fittings** 

(BS4622: 1970 Clauses 10 and 11)

Date of issue: 29-03-2005					
Page 1A of 1 page(s)   Castco LRN: DP241215-1537 DIM					
Details as supplied by client					
Client: Asia Development (1950) Limited Client's ref. no.:			nt's ref. no.:		
Contract no.: Job title:					
Description of sample :	Description of sample :				
Nominal bore: 75 mm Len	ngth:	1000 mm Type: Grey	Iron / Cast Iron pipe with lead caulk joint		
Brand name: (Diamond) CHF		Manufactur	er : Liuzhou Lizhi Casting Co., Ltd.		
Delivery date: Sample Sumitted by:	Cheur	ng Hing Foundry Ltd (CHF)			
Laboratory Test Result					
Date sample received: 15-12-2004		Date	of test: 21-12-2004		
Specimen no.: DP241215-1537					
Nominal size DN: 75		Mean value	BS Requirement		
External diameter of barrel of pipe	(mm)	94.8			
Wall thickness of barrel of pipe	(mm)	8.7			
Depth of socket	(mm)	75.0			
Internal diameter of socket	(mm)	112.7			
Length	(mm)				
Mass	(kg)				
Remarks : 1. Test results relates only to the spe	ecimen	tested.			

Test results relates only to the specimen tested.

This report supersedes previous test report of Castco LRN: DP241215-1537 DIM. 2

W.K. Leung		
Checked by :	Certified by :	
Form No. PIPE DIM4622_T 40.06/12/2004		WILLIAM CHAU B.Sc., C.Eng., MICE, MHKIE Technical Manager



香港新界粉嶺安樂村安全街29A號 29A, On Chuen Street, On Lok Tsuen, Fanling, N.T., Hong Kong.



7.5 (-1.375)

88 (±5)

137 (+3.1)

---

---

A In

Tel: 2677 2032, 2677 2138 Fax: 2677 0351 E-mail: castco@netvigator.com Website: www.castco.com.hk

**Test Certificate** 

#### Dimensions and Mass of Grey Iron Pipes and Fittings (BS4622: 1970 Clauses 10 and 11)

Date of issue: 19-01-2005			
Page 1 of 1 page(s)	Castco LRN: DP241215-1538 DIM		
Details as supplied by client			
Client: Asia Development (1950) Limited	Client's ref. no.:		
Contract no.: Job title:			
Description of sample :			
Nominal bore: 100 mm Length:	1000 mm Type: Grey Iron / Cast Iron pipe with lead caulk joint		
Brand name: (Diamond) CHF	Manufacturer : Liuzhou Lizhi Casting Co., Ltd.		
Delivery date: Sample Sumitted by: Cheung Hing Foundry Ltd (CHF)			
Laboratory Test Result			
Date sample received: 15-12-2004 Date of test: 21-12-2004			
Specimen no.: DP241215-1538			
Nominal size DN: 100	Mean value BS Requirement		
External diameter of barrel of pipe (mm	1) 118.8 118 (+1.5, -3.5)		

10.4

86.0

136.7

---

----

(mm)

(mm)

(mm)

(mm)

(kg)

1. Test results relates only to the specimen tested. Remarks :

Wall thickness of barrel of pipe

Internal diameter of socket

Depth of socket

Length

Mass

Checked by :	W.K. Leung	Certified by :
	1	WEITE
Form No. PIPE DIM4622_T dd 06/12/2004		B.Sc., C. Eng., MICE, MHKIE Registered Professional Engineer



香港新界粉嶺安樂村安全街29A號 29A, On Chuen Street, On Lok Tsuen, Fanling, N.T., Hong Kong. Tel; 2677 2032, 2677 2138 Fax: 2677 0351 E-mail: castco@netvigator.com Website: www.castco.com.hk



Test Certificate Hydrostatic Test of Grey Iron Pipes and Fittings (BS4622 : 1970 Clause 15.1)

Date of issue : 17-01-2005 Page 1 of 1 page		Castco LRN: DP241215-1539 HYD
Details as supplied by client	Sampled Su	mitted by: Cheung Hing Foundry Ltd. (CHF)
Client : Asia Development (1950) Limite	d	Client's ref. no.:
Contract no.: Job	title :	
Description of pipe :		
Nominal bore: 150mm	Length: 1m	Type: Grey Iron / Cast Iron Pipe with lead caulk joint
Brand name: (	Diamond) CHF	Class:
Delivery date: Mar	ufacturer: Liuzhou Lizhi Casting	g Co., Ltd.
Laboratory Test Result		
Date received: 15-12-2004	Date of test:	17-12-2004
Specimen no.		DP241215-1539
Actual internal hydrostatic pressure apply	(bar)	35
Sustain period	(sec)	15
Test result		Passed
Remarks: 1. Test results relate only to	the specimen tested.	
Checked by: W. K. Le	ung Certified by	. And Ma Anon.
		W.K.LEE

Form No. PIPE HYD4622\_T dd 31/10/2002

B.Sc., C. Eng., MICE, MHKIE **Registered Professional Engineer** 



Date of issue: 29-03-2006

# 佳力高試驗中心有限公司 CASTCO TESTING CENTRE LTD.

HIKLAS 032

香港新界粉嶺安樂村安全街29A號 29A, On Chuen Street, On Lok Tsuen, Fanling, N.T., Hong Kong. Tel: 2677 2032, 2677 2138 Fax: 2677 0351 E-mail: castco@netvigator.com Website: www.castco.com.hk

**Test Certificate** 

#### Dimensions and Mass of Grey Iron Pipes and Fittings (BS4622 : 1970 Clauses 10 and 11)

Page 1 of 1 page(s)	Castco LRN: DP260320-0134 DIM		
Details as supplied by client	Sample Submitted by : Cheung Hing Foundry Limited (CHF)		
Client: Asia Development (HK) Ltd.	Client's ref. no.:		
Contract no.: Job title:			
Description of sample :			
Nominal bore: 200 mm Length:	4000 m	nm Type: Grey Iron/Csa	at Iron Pipe with Lead-caulk Joint
Brand name: CHF 👐		Manufacturer : Liuz	hou Lizhi Casting Co., Ltd.
Delivery date:			
Laboratory Test Result			
Date sample received: 20-03-2006 Date of test: 25-03-2006			
Specimen no.: DP260320-0134			
		e e e e e e e e e e e e e e e e e e e	
Nominal size DN: 200		Mean value	BS Requirement
External diameter of barrel of pipe	(mm)	222.8	222 (+1.5,-3.5)
Wall thickness of barrel of pipe	(mm)	10.53	9.26 (-1.460)
Depth of socket	(mm)	102.5	100 (±5)
Internal diameter of socket	(mm)	243.3	241 (±3.2)
Length	(mm)		
Mass	(kg)		

Remarks : 1. Test results relates only to the specimen tested.

W. K.

Leung

Checked by : \_\_\_\_

Form No. PIPE DIM4622\_T dd 06/12/209

Certified by :



K. YEO Technical Manager



香港新界粉嶺安樂村安全街29A號 29A, On Chuen Street, On Lok Tsuen, Fanling, N.T., Hong Kong. Tel: 2677 2032, 2677 2138 Fax: 2677 0351 E-mail: castco@netvigator.com Website: www.castco.com.hk



**Test Certificate** 

Dimensions and Mass of Grey Iron Pipes and Fittings (BS4622 : 1970 Clauses 10 and 11)

Castco LRN: DP250119-0015 DIM
Casico LKN. DF250119-0015 DIM
Client's ref. no.:
Type: Grey Iron / Cast Iron pipe - Spigot and Socket Type
Manufacturer : Liuzhou Lizhi Casting Co., Ltd.
td (CHF)
Date of test: 28-01-2005

Nominal size DN: 225	Mean value	BS Requirement
External diameter of barrel of pipe (n	m) 249.8	
Wall thickness of barrel of pipe (n	m) 10.4	
Depth of socket (n	m) 106.5	
Internal diameter of socket (n	m) 259.0	
Length (n	m)	
Mass	kg)	

Remarks : 1. Test results relates only to the specimen tested.

Leung

Checked by :	T	<b>W.</b> ]	K

Form No. PIPE DIM4622\_T dd 06/12/2004

Certified by :

W.K.LEE B.Sc., C. Eng., MICE, MHKIE Registered Professional Engineer



香港新界粉嶺安樂村安全街29A號 29A, On Chuen Street, On Lok Tsuen, Fanling, N.T., Hong Kong. Tel: 2677 2032, 2677 2138 Fax: 2677 0351 E-mail: castco@netvigator.com Website: www.castco.com.hk



**Test Certificate** 

#### Dimensions and Mass of Grey Iron Pipes and Fittings

#### (BS4622: 1970 Clauses 10 and 11)

Date of issue: 29-03-2006			Castco LRN: DP260320-0136 DIM
Page 1 of 1 page(s) Details as supplied by client	Sample Submitted by : Cheung Hing Foundry Limited (CHF)		
Client: Asia Development (HK) Ltd.	Sum		t's ref. no.:
Contract no.: Job title:			
Description of sample :			
Nominal bore: 250 mm Length:	4000 n	nm Type: Grey Iron/Csa	t Iron Pipe with Lead-caulk Joint
Brand name: CHF 💥		Manufacturer : Liuz	hou Lizhi Casting Co., Ltd.
Delivery date:			
Laboratory Test Result		4	C
Date sample received: 20-03-2006 Date of test: 25-03-2006			
Specimen no.: DP260320-0136			
Nominal size DN: 250		Mean value	BS Requirement
External diameter of barrel of pipe	(mm)	273.9	274 (+1.5,-3.5)
Wall thickness of barrel of pipe	(mm)	11.31	10.0 (-1.500)
Depth of socket	(mm)	106.8	103 (±5)
Internal diameter of socket	(mm)	295.5	294 (±3.2)
Length	(mm)		

Remarks : 1. Test results relates only to the specimen tested.

Checked by :

Form No. PIPE DIM4622\_T dd 06/12/2004

Mass

W.K. Leung

(kg)

Certified by :

K. YEO Technical Manager



香港新界粉嶺安樂村安全街29A號 29A, On Chuen Street, On Lok Tsuen, Fanling, N.T., Hong Kong. Tel: 2677 2032, 2677 2138 Fax: 2677 0351 E-mail: castco@netvigator.com Website: www.castco.com.hk



**Test Certificate** 

#### Dimensions and Mass of Grey Iron Pipes and Fittings (BS4622 : 1970 Clauses 10 and 11)

Date of issue: 04-02-2005			Castco LRN: DP250119-0016 DIM	
Details as supplied by client         Client: Asia Development (1950) Limited       Client's ref. no.:				
Client: Asia Development (1950) Limited		Clief	it s iei. iio	
Contract no.: Job title:				
Description of sample :				
Nominal bore: 300 mm Le	ngth:	1000 mm Type: Grey	Iron / Cast Iron pipe - Spigot and Socket Type	
Brand name: (Diamond) CHF		Manufactur	rer : Liuzhou Lizhi Casting Co., Ltd.	
Delivery date: Sample Sumitted by	: Cheu	ng Hing Foundry Ltd (CHF)		
Laboratory Test Result				
Date sample received: 19-01-2005		Date	of test: 28-01-2005	
Specimen no.: DP250119-0016				
Nominal size DN: 300		Mean value	BS Requirement	
External diameter of barrel of pipe	(mm)	325.4	326mm (+1.5, -4.0)	
Wall thickness of barrel of pipe	(mm)	15.3	10.8mm (-1.54)	
Depth of socket	(mm)	108.0	105 ( <u>+</u> 5)	
Internal diameter of socket	(mm)	344.1	346 ( <u>+</u> 3.3)	
Length	(mm)			
Mass	(kg)			

Remarks : 1. Test results relates only to the specimen tested.

Checked by : \_\_\_\_\_\_ W. K. Leung Certified by : \_\_\_\_\_\_ W.K.LEE B.Sc., C. Eng., MICE, MHKIE Registered Professional Engineer