

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



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** 

Measurement of Length of Cast Iron Pipes, Fittings and Accessories (BS EN 877: 1999 clause 5.2.7)

Date of issue: 16-04-2005 Page 1 of 1 page(s)

Castco LRN : DP250321-0128L

Details as supplied by client

Client: Cheung Hing Foundry Ltd.

Job Title: --

Sample Description :-

Sample I.D.: DP250321-0128-1

Nominal size (DN): 50

Brand: CHF \*\*\*

Manufacturer: Cheung Hing Foundry Ltd.

Type: Plug

Nominal length:

mm

Laboratory test results

Date sample received: 21-03-2005

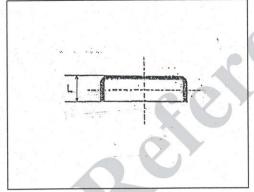
Date of test: 02-04-2005

Sample submitted by: Asia Development (1950) Ltd.

Client's Ref. No.:

Contract No.:

Length of Fitting



Length from manufacturer's catalogues (mm)	Measured length (mm)
L 30	35
	-

Length of sealing zone of fitting is 30 mm

## Remarks:

- 1. Test result relates only to the specimen tested.
- 2. Length of fitting or sealing zone complies with clause 4.2.9 of BS EN 877: 1999.

Checked by:

Form No.: FePipe-Length T dd 01/02/2005

Certified by:

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

General Manager



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



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**

Measurement of Length of Cast Iron Pipes, Fittings and Accessories (BS EN 877: 1999 clause 5.2.7)

Date of issue: 16-04-2005 Page 1 of 1 page(s)

Castco LRN: DP250321-0130L

Details as supplied by client

Client: Cheung Hing Foundry Ltd.

Job Title:

Sample Description:-

Sample I.D.: DP250321-0130-1

Nominal size (DN): 100

CHF W NT Brand:

Type: Plug

Nominal length:

mm

Manufacturer: Cheung Hing Foundry Ltd.

## Laboratory test results

Date sample received: 21-03-2005

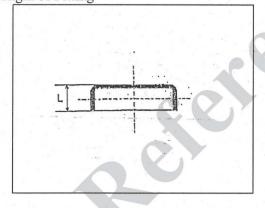
Date of test: 02-04-2005

Sample submitted by: Asia Development (1950) Ltd.

Client's Ref. No.:

Contract No.:

Length of Fitting



Length from manufacturer's catalogues (mm)		Measured length (mm)
L	40	44
6	2. 1. 7	
		-
	- a -	

Length of sealing zone of fitting is 40 mm

### Remarks:

- 1. Test result relates only to the specimen tested.
- 2. Length of fitting or sealing zone complies with clause 4.2.9 of BS EN 877: 1999.

Checked by:

Form No.: FePipe-Length T dd 01/02/2005

Certified by

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

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation. This report shall not be reproduced unless with prior written approval from this laboratory.



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



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**

Measurement of Length of Cast Iron Pipes, Fittings and Accessories (BS EN 877: 1999 clause 5.2.7)

Date of issue: 16-04-2005 Page 1 of 1 page(s)

Castco LRN: DP250321-0131L

Details as supplied by client

Client: Cheung Hing Foundry Ltd.

Job Title:

Sample Description:-

Sample I.D.: DP250321-0131-1

Nominal size (DN): 150

Brand:

CHF \* W NT

Type: Plug

Nominal length:

mm

Manufacturer: Cheung Hing Foundry Ltd.

Laboratory test results

Date sample received: 21-03-2005

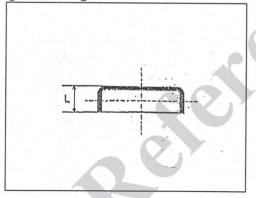
Date of test: 02-04-2005

Sample submitted by: Asia Development (1950) Ltd.

Client's Ref. No.:

Contract No.:

Length of Fitting



Length from manufacturer's catalogues (mm)	Measured length (mm)
L 50	50
The second of th	s, sl. 1 - 1 - 1 - 1
A STATE OF THE STA	
	× ·
No. 9	

Length of sealing zone of fitting is 47 mm

Remarks:

1. Test result relates only to the specimen tested.

2. Length of fitting or sealing zone complies with clause 4.2.9 of BS EN 877: 1999.

Checked by:

W.K. Leung

Certified by:

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

Form No.: FePipe-Length T dd 01/02/2005



# CASTCO TESTING CENTRE LTD.





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**

Determination of External Diameter and Ovality of Cast Iron Pipes and Fittings (BS EN 877: 1999 clause 5.2.1 and 5.2.4)

Date of issue: 18-04-2005 Page 1 of 1 page(s)

Castco LRN: DP250321-0124 EDOV

Details as supplied by client

Sample submitted by: Asia Development(1950) Ltd.

Client: Cheung Hing Foundry Ltd.

Client's Ref. No.: --

Job Title: --

Contract No.: --

Sample Description :-

Sample I.D.: DP250321-0124-1

Type: Pipe

Nominal size (DN): 50

Brand:

Nominal external diameter (DE): 58 mm

Manufacturer: Cheung Hing Foundry Ltd.

## Laboratory test results

Date sample received: 21-03-2005

Date of test: 08-04-2005

External Diameter of Pipe

End Face 1 = 58.3 mm, 58.3 mm

End Face 2 = 58.4 mm, 58.4 mm

Ovality of Pipe

End Face 1 = 58.3 mm, 58.3 mm

End Face 2 = 58.4 mm, 58.4 mm

### Remarks:

- 1. Test result relates only to the specimen tested.
- 2. External diameter of test sample complies with clause 4.2.2 of BS EN 877: 1999.
- 3. Ovality of test sample complies with clause 4.2.5 of BS EN 877: 1999.

Checked by:

Certified by:

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

General Manager

Form No.: FePipe-DE&Ovality T dd 29/11/2004



# CASTCO TESTING CENTRE LTD.



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**

Determination of External Diameter and Ovality of Cast Iron Pipes and Fittings (BS EN 877: 1999 clause 5.2.1 and 5.2.4)

Date of issue: 18-04-2005 Page 1 of 1 page(s)

Sample submitted by: Asia Development(1950) Ltd.

Castco LRN: DP250321-0125 EDOV

Details as supplied by client

Client: Cheung Hing Foundry Ltd.

Client's Ref. No.: --

Job Title: --

Contract No.: --

Sample Description :-

Sample I.D.: DP250321-0125-1

Type: Pipe

Nominal size (DN): 75

Brand:

Nominal external diameter (DE): 83 mm

Manufacturer: Cheung Hing Foundry Ltd.

## Laboratory test results

Date sample received: 21-03-2005

Date of test: 08-04-2005

External Diameter of Pipe

End Face 1 = 84.3 mm, 84.3 mm

End Face 2 = 84.0 mm, 84.0 mm

Ovality of Pipe

End Face 1 = 84.3 mm, 84.3 mm

End Face 2 = 84.0 mm, 84.0 mm

## Remarks:

- 1. Test result relates only to the specimen tested.
- 2. External diameter of test sample complies with clause 4.2.2 of BS EN 877: 1999.
- 3. Ovality of test sample complies with clause 4.2.5 of BS EN 877: 1999.

Checked by:

Certified by:

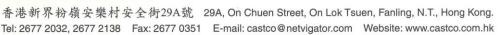
B.Sc., C. Eng., MICE, MHKIE Registered Professional Engineer General Manager

Form No.: FePipe-DE&Ovality T dd 29/11/2004

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation. This report shall not be reproduced unless with prior written approval from this laboratory.



## CASTCO TESTING CENTRE LTD.





#### **Test Certificate**

Determination of External Diameter and Ovality of Cast Iron Pipes and Fittings (BS EN 877: 1999 clause 5.2.1 and 5.2.4)

Date of issue: 18-04-2005 Page 1 of 1 page(s)

Sample submitted by: Asia Development(1950) Ltd.

Castco LRN: DP250321-0126 EDOV

Client: Cheung Hing Foundry Ltd.

Details as supplied by client

Client's Ref. No.: --

Job Title: --

Contract No.: --

Sample Description :-

Sample I.D.: DP250321-0126-1

Type: Pipe

Nominal size (DN): 100

Brand:

Nominal external diameter (DE): 110 mm

Manufacturer: Cheung Hing Foundry Ltd.

### Laboratory test results

Date sample received: 21-03-2005

Date of test: 08-04-2005

External Diameter of Pipe

End Face 1 = 110.9 mm, 110.9 mm

End Face 2 = 110.8 mm, 110.8 mm

Ovality of Pipe

End Face  $1 = 110.9 \, \text{mm}, 110.9 \, \text{mm}$ 

End Face 2 = 110.8 mm, 110.8 mm

### Remarks:

- 1. Test result relates only to the specimen tested.
- 2. External diameter of test sample complies with clause 4.2.2 of BS EN 877: 1999.
- 3. Ovality of test sample complies with clause 4.2.5 of BS EN 877: 1999.

Checked by:

Certified by:

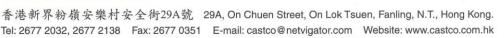
B.Sc., C. Eng., MICE, MHKIE Registered Professional Engineer

General Manager

Form No.: FePipe-DE&Ovality T dd 29/11/2004



# CASTCO TESTING CENTRE LTD.





#### **Test Certificate**

Determination of External Diameter and Ovality of Cast Iron Pipes and Fittings (BS EN 877: 1999 clause 5.2.1 and 5.2.4)

Date of issue: 18-04-2005 Page 1 of 1 page(s)

Castco LRN: DP250321-0127 EDOV

Details as supplied by client

Sample submitted by: Asia Development(1950) Ltd.

Client: Cheung Hing Foundry Ltd.

Client's Ref. No.: --

Job Title: --

Contract No.: --

Sample Description:

Sample I.D.: DP250321-0127-1

Type: Pipe

Nominal size (DN): 150

Brand:

Nominal external diameter (DE): 160 mm

Manufacturer: Cheung Hing Foundry Ltd.

Laboratory test results

Date sample received: 21-03-2005

Date of test: 08-04-2005

External Diameter of Pipe

End Face 1 = 159.5 mm, 159.3 mm

End Face 2 = 158.9 mm, 158.9 mm

Ovality of Pipe

End Face 1 = 159.5 mm, 159.3 mm

End Face 2 = 158.9 mm, 158.9 mm

## Remarks:

- 1. Test result relates only to the specimen tested.
- 2. External diameter of test sample complies with clause 4.2.2 of BS EN 877: 1999.
- 3. Ovality of test sample complies with clause 4.2.5 of BS EN 877: 1999.

Checked by:

Certified by:

Eng., MICE, Registered Professional Engineer

General Manager

Form No.: FePipe-DE&Ovality T dd 29/11/2004