

Test Certificate
Dimension check on discharge and ventilating pipes
and fittings, sand-cast or spun in cast iron
(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 05-06-2006

Page 1 of 1 page(s)

Castco LRN : DP260525-0263 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 50 mm x 95° Bend

Manufacturer : Cheung Hing Foundry Ltd

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

Laboratory test result

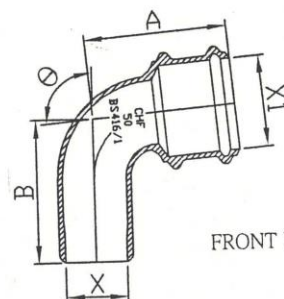
Date sample received : 25-05-2006

Date of test : 29-05-2006

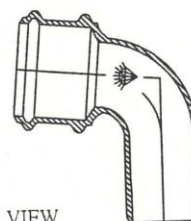
Dimensions Check

Specimen no. : DP260525-0263

Dimensions	BS requirement from figure _____	Product requirement from code no. BB050A	Measured mean value
A	--	120 mm	120.0 mm
B	--	120 mm	120.0 mm
X	--	50 mm	50.0 mm
X1	--	75 mm	75.0 mm
θ	--	95°	95°



FRONT VIEW



BACK VIEW

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

Checked by :

W. K. Leung

Approved signatory :

KEITH CHOI
C.Eng., MHKIE MICE
Laboratory Engineer

Test Certificate

Dimension check on discharge and ventilating pipes and fittings, sand-cast or spun in cast iron

(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 27-10-2005

Page 1 of 1 page(s)

Castco LRN : DP251004-0400 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 75 mm x 95° Bend

Manufacturer : Cheung Hing Foundry Ltd

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

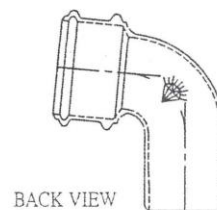
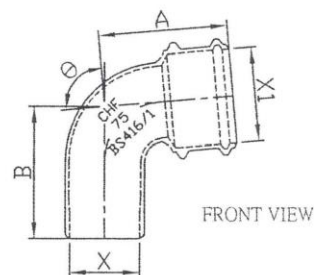
Laboratory test result

Date sample received : 04-10-2005

Date of test : 22-10-2005

Dimensions Check

Specimen no. : DP251004-0400

[illegible]

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

Checked by :  W. K. Leung

W. K. Leung

Approved signatory :

WILLIAM CHAU
B.Sc., C.Eng., MICE, MHKIE
Technical Manager

Test Certificate

Dimension check on discharge and ventilating pipes and fittings, sand-cast or spun in cast iron

(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 27-10-2005

Page 1 of 1 page(s)

Castco LRN : DP251004-0401 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --


Contract no. : --

Job title : --

Sample description : 75 mm x 95° Bend with Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :

CHF 

Remark : Sample Submitted by : Asia Development (HK) Ltd.

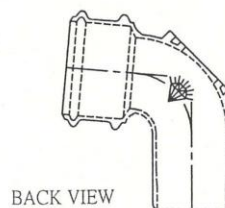
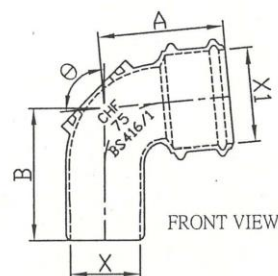
Laboratory test result

Date sample received : 04-10-2005

Date of test : 22-10-2005

Dimensions Check

Specimen no. : DP251004-0401

[illegible]

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

Checked by :

W. K. Leung

Approved signatory :

WILLIAM CHAU
B.Sc.,C.Eng.,MICE,MHKIE
Technical Manager

Test Certificate
Dimension check on discharge and ventilating pipes
and fittings, sand-cast or spun in cast iron
 (Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 03 January 2015

Page 1 of 1 page

Castco LRN : DP0141106-059 DIM

Details as supplied by client

Client : Cheung Hing Foundry (HK) Limited

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 100mm x 95° Bend with Access Door

Manufacturer : Cheung Hing Foundry (HK) Limited

Brand : CHF 

Remark : Sample Submitted by : Asia Development (HK) Limited

Laboratory test result

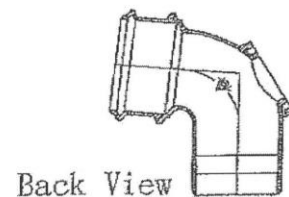
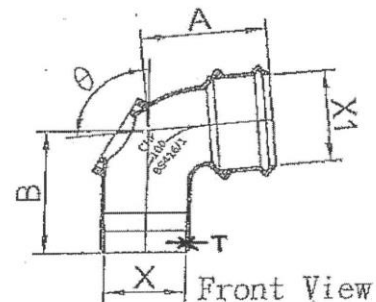
Date sample received : 06 November 2014

Date of test : 20 November 2014

Dimensions Check

Specimen no. : DP0141106-059

Dimensions	BS requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	155 mm	155 mm
B	--	170 mm	170 mm
T	$5 \begin{matrix} +0 \\ -1.5 \end{matrix} \text{ mm}$	--	3.88 mm
X	$\geq 99 \text{ mm}$	100 mm	100 mm
X1	--	127 mm	128 mm



- Remarks :
1. Test result relates only to the specimen tested.
 2. Compliance of the test results to the specification is an opinion of the laboratory and is not covered under the HOKLAS accreditation.
 3. Test results of the sample comply with the requirement of BS416 : Part 1 : 1990, Clause 4.

Checked by :


FU HO MAN
 Assistant Technical Officer

Approved Signatory :


End of Report

Form No. PIPE DIM416_T3 dd 01/09/2006

/11

Item no. DP/0501

WONG KA MAN
 Laboratory Manager

Test Certificate
Dimension check on discharge and ventilating pipes
and fittings, sand-cast or spun in cast iron
(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 03 January 2015

Page 1 of 1 page

Castco LRN : DP0141106-060 DIM

Details as supplied by client

Client : Cheung Hing Foundry (HK) Limited

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150mm x 95° Bend with Access Door

Manufacturer : Cheung Hing Foundry (HK) Limited

Brand : CHF 

Remark : Sample Submitted by : Asia Development (HK) Limited

Laboratory test result

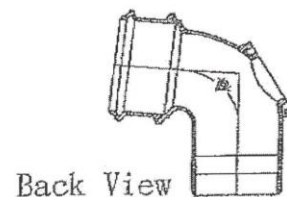
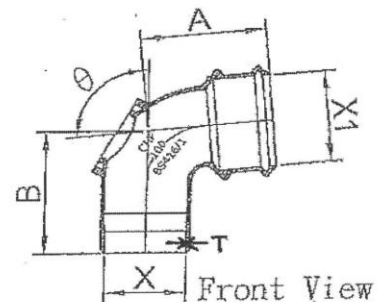
Date sample received : 06 November 2014

Date of test : 20 November 2014

Dimensions Check

Specimen no. : DP0141106-060

Dimensions	BS requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	190 mm	195 mm
B	--	220 mm	224 mm
T	$5 \begin{matrix} +0 \\ -1.5 \end{matrix}$ mm	--	4.48 mm
X	≥ 150 mm	150 mm	150 mm
X1	--	181 mm	182 mm



- Remarks :
1. Test result relates only to the specimen tested.
 2. Compliance of the test results to the specification is an opinion of the laboratory and is not covered under the HOKLAS accreditation.
 3. Test results of the sample comply with the requirement of BS416 : Part 1 : 1990, Clause 4.

Checked by :

FU HO MAN
Assistant Technical Officer

Approved Signatory :



End of Report

Form No. PIPE DIM416_T3 dd 01/09/2006

/11

Item no. DP/0501

WONG KA MAN
Laboratory Manager

Test Certificate

**Dimension check on discharge and ventilating pipes
and fittings, sand-cast or spun in cast iron**
(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 18-04-2006

Page 1B of 1 page(s)

Castco LRN : DP251118-0541 DIM

Details as supplied by client

Client : Cheung Hing Foundry Limited

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 75 mm x 45° Bend with Access Door

Manufacturer : Cheung Hing

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

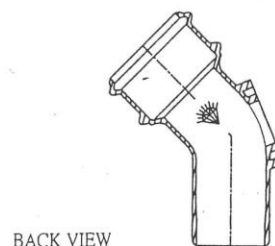
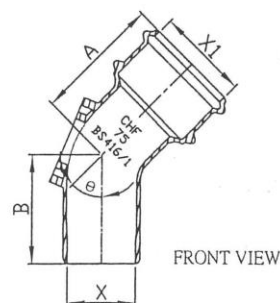
Laboratory test result

Date sample received : 18-11-2005

Date of test : 18-11-2005

Dimensions Check

Specimen no. : DP251118-0541

[illegible]

Remarks : 1. Test result relates only to the specimen tested.
2. This page of report supersedes page 1A of previous test certificate of Castco LRN : DP251118-0541 DIM.

Checked by :

W.K. LEUNG

Approved signatory :

Form No. PIPE DIM416 T3 dd 24/08/2005

KEITH CHOI
C.Eng., MHKIE MICE
Laboratory Engineer

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.

Test Certificate
Dimension check on discharge and ventilating pipes
and fittings, sand-cast or spun in cast iron
(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 07-09-2005

Page 1 of 1 page(s)

Castco LRN : DP250824-0300 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 100mm x 45° Bend with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

Laboratory test result

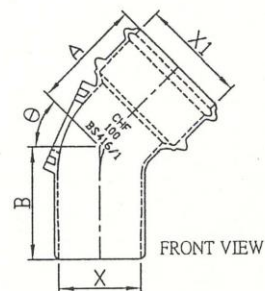
Date sample received : 24-08-2005

Date of test : 29-08-2005

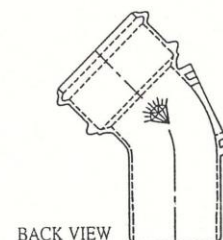
Dimensions Check

Specimen no. : DP250824-0300

Dimensions	BS requirement from figure _____	Product requirement from code no. BA100B	Measured mean value
A		135 mm	135.0 mm
B		135 mm	135.5 mm
X		100 mm	100.0 mm
X1		127 mm	127.0 mm
θ		45°	45.0°



FRONT VIEW



BACK VIEW

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

Checked by :

W. K. Leung

Approved signatory :

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

Form No. PIPE DIM416 T3 dd 24/08/2005

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and fittings, sand-cast or spun in cast iron
 (Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 07-09-2005

Page 1 of 1 page(s)

Castco LRN : DP250824-0301 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150mm x 45° Bend with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

Laboratory test result

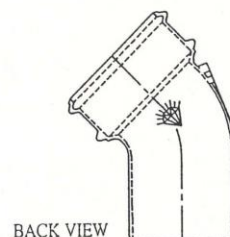
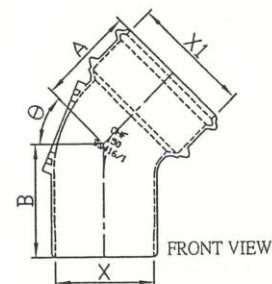
Date sample received : 24-08-2005

Date of test : 29-08-2005

Dimensions Check

Specimen no. : DP250824-0301

Dimensions	BS requirement from figure _____	Product requirement from code no. <u>BA150B</u>	Measured mean value
A		150 mm	151.0 mm
B		170 mm	171.0 mm
X		150 mm	150.5 mm
X1		181 mm	182.0 mm
θ		45°	45.5°

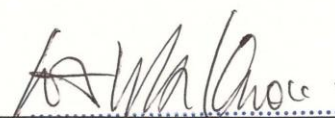


Remarks : 1. Test result relates only to the specimen tested.

Checked by :

W. K. Leung

Approved signatory :



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

Form No. PIPE DIM416_T3 dd 24/08/2005

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Test Certificate
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and fittings, sand-cast or spun in cast iron
(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 07-09-2005

Page 1 of 1 page(s)

Castco LRN : DP250824-0304 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

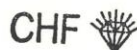
Contract no. : --

Job title : --

Sample description : 100mm x 95° Medium Radius Bend with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

Laboratory test result

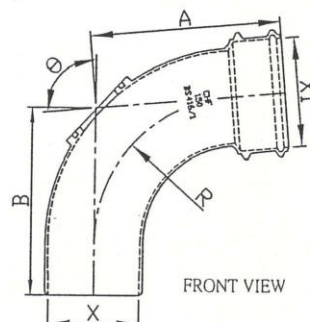
Date sample received : 24-08-2005

Date of test : 31-08-2005

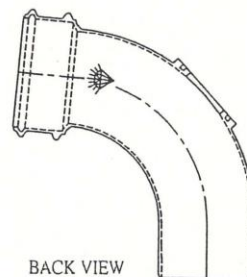
Dimensions Check

Specimen no. : DP250824-0304

Dimensions	BS requirement from figure _____	Product requirement from code no. <u>BC100B</u>	Measured mean value
A		220 mm	220.5 mm
B		220 mm	219.5 mm
X		100 mm	100.5 mm
X1		127 mm	128.0 mm
R		144 mm	144.0 mm
θ		95°	95.5°



FRONT VIEW



BACK VIEW

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

Checked by : _____

W. K. Leung

Approved signatory : _____

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

Form No. PIPE DIM416_T3 dd 24/08/2005

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Test Certificate

**Dimension check on discharge and ventilating pipes
and fittings, sand-cast or spun in cast iron**
(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 27-10-2005

Page 1 of 1 page(s)

Castco LRN : DP251004-0397 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 100 mm x 300 R Large Radius Bend with Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

Laboratory test result

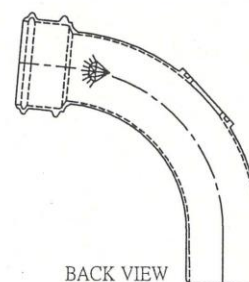
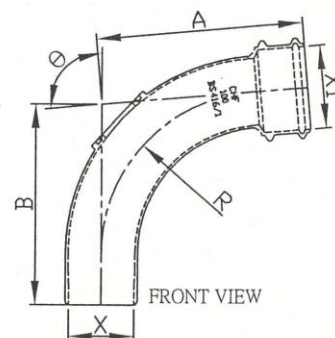
Date sample received : 04-10-2005

Date of test : 24-10-2005

Dimensions Check

Specimen no. : DP251004-0397

Dimensions	BS requirement from figure _____	Product requirement from code no. BD100B	Measured mean value
A		330 mm	330.5 mm
B		320 mm	321.0 mm
R		250 mm	250.0 mm
X		100 mm	100.0 mm
X1		127 mm	127.0 mm
θ		95°	95°



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

Checked by :  W. K. LeungApproved signatory : 
WILLIAM CHAU
B.Sc., C.Eng., MICE, MHKIE
Technical Manager

Form No. PIPE DIM416_T3 dd 24/08/2005

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.

Test Certificate

Dimension check on discharge and ventilating pipes and fittings, sand-cast or spun in cast iron

(Based on BS416 : Part 1 : 1990, Clause 4)

Date of issue : 27-10-2005

Page 1 of 1 page(s)

Castco LRN : DP251004-0398 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150 mm x 300 R Large Radius Bend with Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



Remark : Sample Submitted by : Asia Development (HK) Ltd.

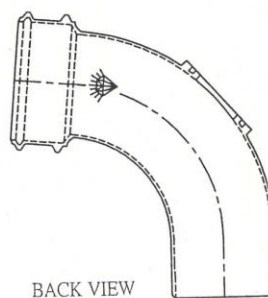
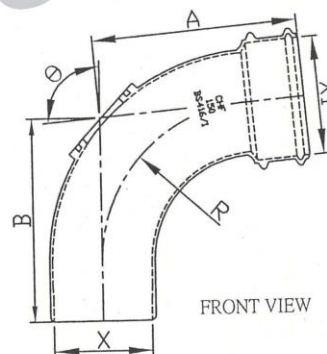
Laboratory test result

Date sample received : 04-10-2005

Date of test : 24-10-2005

Dimensions Check

Specimen no. : DP251004-0398

[illegible]

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

Checked by : W. K. Leung

W. K. Leung

Approved signatory :

WILLIAM CHAU
B.Sc., C.Eng., MICE, MHKIE
Technical Manager

Form No. PIPE DIM416 T3 dd 24/08/2005

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