

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 : DP260525-0262 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 50 x 50 mm x 95° Equal Tee

Manufacturer : Cheung Hing Foundry Ltd

Brand :



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

Laboratory test result

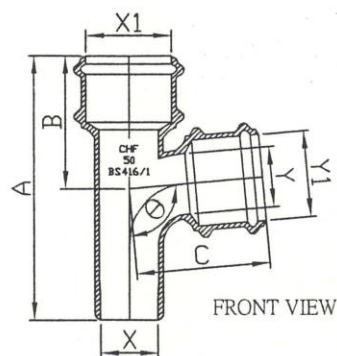
Date sample received : 25-05-2006

Date of test : 29-05-2006

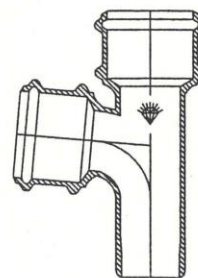
Dimensions Check

Specimen no. : DP260525-0262

Dimensions	BS requirement from figure _____	Product requirement from code no. TA050050A	Measured mean value
A	--	230 mm	230.5 mm
B	--	120 mm	120.0 mm
C	--	120 mm	120.0 mm
X	--	50 mm	50.0 mm
X1	--	75 mm	75.0 mm
Y	--	50 mm	50.0 mm
Y1	--	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 : 07-09-2005

Page 1 of 1 page(s)

Castco LRN : DP250824-0305 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

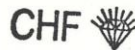
Contract no. : --

Job title : --

Sample description : 75mm x 50mm x 95° Unequal Tee with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



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

Laboratory test result

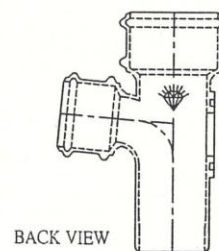
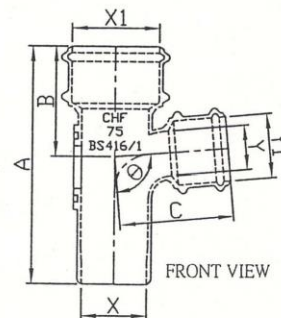
Date sample received : 24-08-2005

Date of test : 31-08-2005

Dimensions Check

Specimen no. : DP250824-0305

Dimensions	BS requirement from figure _____	Product requirement from code no. TA075050B	Measured mean value
A		280 mm	280.5 mm
B		130 mm	131.0 mm
C		130 mm	130.5 mm
X		75 mm	75.0 mm
X1		100 mm	100.5 mm
Y		50 mm	49.5 mm
Y1		75 mm	75.0 mm
θ		95°	95.0°



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

Checked by : W. K. LeungApproved signatory : W.K. LEE

Form No. PIPE DIM416_T3 dd 24/08/2005

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.

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 : 01-12-2005

Page 1A of 1 page(s)

Castco LRN : DP251004-0391 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 75 x 75 mm Tee with Door

Manufacturer : Cheung Hing Foundry Ltd

Brand : CHF 

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

Laboratory test result

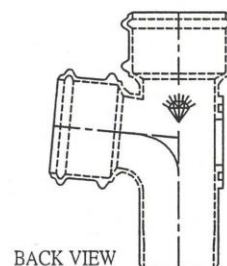
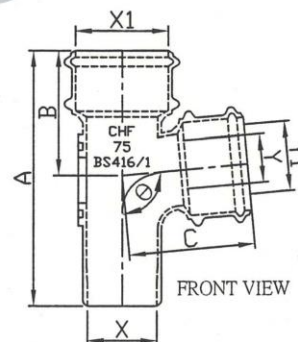
Date sample received : 04-10-2005

Date of test : 21-10-2005

Dimensions Check

Specimen no. : DP251004-0391

Dimensions	BS requirement from figure _____	Product requirement from code no. TA075075B	Measured mean value
A		280 mm	281.5 mm
B		140 mm	141.5 mm
C		140 mm	141.0 mm
X		75 mm	75.0 mm
X1		100 mm	101.0 mm
Y		75 mm	75.0 mm
Y1		100 mm	100.0 mm
θ		95°	95°



Remarks : 1. Test result relates only to the specimen tested.
 2. This report supersedes previous test certificate of Castco LRN : DP251004-0391 DIM.

Checked by : W. K. LeungApproved signatory : W. K. Lee

Form No. PIPE DIM416_T3 dd 24/08/2005

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

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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

**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 : DP250824-0306 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 100mm x 50mm x 95° Unequal Tee with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



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

Laboratory test result

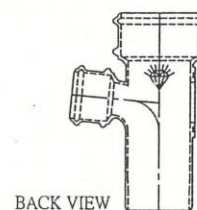
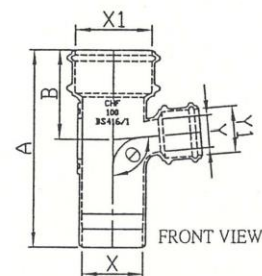
Date sample received : 24-08-2005

Date of test : 01-09-2005

Dimensions Check

Specimen no. : DP250824-0306

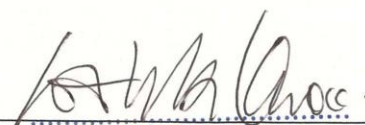
Dimensions	BS requirement from figure _____	Product requirement from code no. TA100050B	Measured mean value
A		325 mm	326.0 mm
B		150 mm	150.0 mm
C		147 mm	147.0 mm
X		100 mm	99.5 mm
X1		127 mm	127.0 mm
Y		50 mm	50.0 mm
Y1		75 mm	74.5 mm
θ		95°	95.0°



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

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 : DP0141106-061 DIM

Details as supplied by client

Client : Cheung Hing Foundry (HK) Limited

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 100mm x 75mm Unequal Tee with Access Door

Manufacturer : Cheung Hing Foundry (HK) Limited

Brand : CHF 

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

Laboratory test result

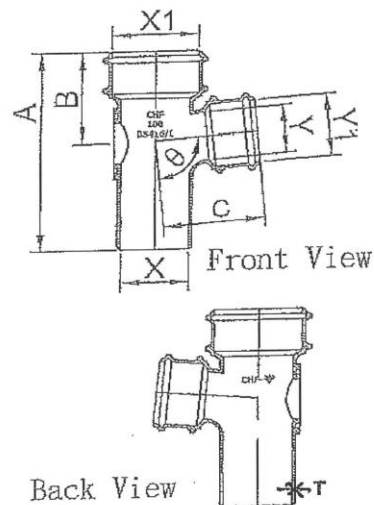
Date sample received : 06 November 2014

Date of test : 20 November 2014

Dimensions Check

Specimen no. : DP0141106-061

Dimensions	BS requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	325 mm	329 mm
B	--	150 mm	150 mm
C	--	150 mm	151 mm
T	$5 \begin{smallmatrix} +0 \\ -1.5 \end{smallmatrix} \text{ mm}$	--	4.17 mm
X	$\geq 99 \text{ mm}$	100 mm	100 mm
X1	--	127 mm	128 mm
Y	--	75 mm	75 mm
Y1	--	100 mm	101 mm

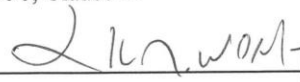


- Remarks :
1. Test result relates only to the specimen tested.
 2. Compliance of the test results to the specification is an opinion of the laboratory and is not covered under the HOKLAS accreditation.
 3. Test results of the sample comply with the requirement of BS416 : Part 1 : 1990, Clause 4.

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 : 07-09-2005

Page 1 of 1 page(s)

Castco LRN : DP250824-0307 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

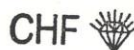
Contract no. : --

Job title : --

Sample description : 100mm x 100mm x 95° Equal Tee with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



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

Laboratory test result

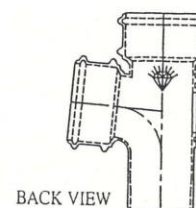
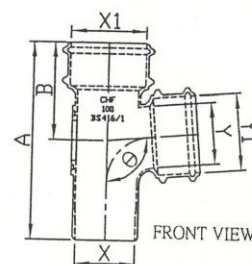
Date sample received : 24-08-2005

Date of test : 01-09-2005

Dimensions Check

Specimen no. : DP250824-0307

Dimensions	BS requirement from figure _____	Product requirement from code no. TA100100B	Measured mean value
A		325 mm	326.0 mm
B		160 mm	160.5 mm
C		160 mm	160.0 mm
X		100 mm	100.5 mm
X1		127 mm	127.5 mm
Y		100 mm	100.0 mm
Y1		127 mm	127.5 mm
θ		95°	95.5°



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

Date of issue : 07-09-2005

Page 1 of 1 page(s)

Castco LRN : DP250824-0308 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150mm x 50mm x 95° Unequal Tee with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand : CHF 

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

Laboratory test result

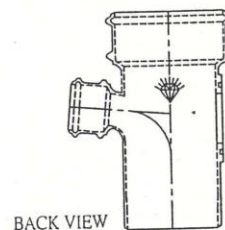
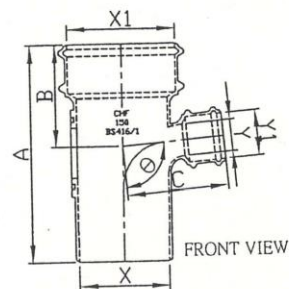
Date sample received : 24-08-2005

Date of test : 02-09-2005

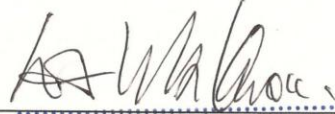
Dimensions Check

Specimen no. : DP250824-0308

Dimensions	BS requirement from figure _____	Product requirement from code no. TA150050B	Measured mean value
A		360 mm	360.5 mm
B		185 mm	186.0 mm
C		180 mm	179.5 mm
X		150 mm	150.0 mm
X1		181 mm	181.5 mm
Y		50 mm	49.5 mm
Y1		75 mm	75.5 mm
θ		95°	95.0°



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

Checked by :  W.K. LeungApproved signatory : W.K. LEE
B.Sc., C. Eng., MICE, MHKIE
Registered Professional Engineer
General 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 : 01-12-2005

Page 1A of 1 page(s)

Castco LRN : DP251004-0393 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150 x 75 mm Tee with Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



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

Laboratory test result

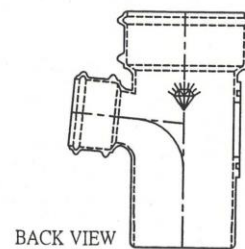
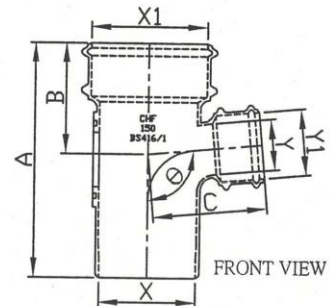
Date sample received : 04-10-2005

Date of test : 22-10-2005

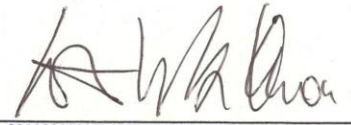
Dimensions Check

Specimen no. : DP251004-0393

Dimensions	BS requirement from figure _____	Product requirement from code no. TA150075B	Measured mean value
A		360 mm	360.0 mm
B		170 mm	168.5 mm
C		185 mm	184.0 mm
X		150 mm	150.0 mm
X1		181 mm	182.0 mm
Y		75 mm	75.0 mm
Y1		100 mm	100.0 mm
θ		95°	95°



Remarks : 1. Test result relates only to the specimen tested.
 2. This report supersedes previous test certificate of Castco LRN : DP251004-0391 DIM.

Checked by :  W.K. LeungApproved signatory : 

W.K. LEE

B.Sc., C. Eng., MICE, MHKIE

Registered Professional Engineer

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 : 01-12-2005

Page 1A of 1 page(s)

Castco LRN : DP251004-0394 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150 x 100 mm Tee with Door

Manufacturer : Cheung Hing Foundry Ltd

Brand : CHF 

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

Laboratory test result

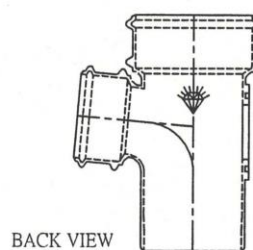
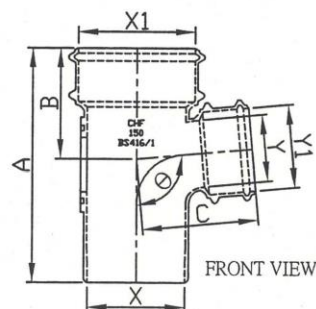
Date sample received : 04-10-2005

Date of test : 21-10-2005

Dimensions Check

Specimen no. : DP251004-0394

Dimensions	BS requirement from figure _____	Product requirement from code no. TA150100B	Measured mean value
A		360 mm	316.5 mm
B		170 mm	171.5 mm
C		185 mm	186.0 mm
X		150 mm	151.0 mm
X1		181 mm	182.0 mm
Y		100 mm	100.0 mm
Y1		127 mm	127.0 mm
θ		95°	95°



Remarks : 1. Test result relates only to the specimen tested.
2. This report supersedes previous test certificate of Castco LRN : DP251004-0391 DIM.

Checked by :  W. K. LeungApproved signatory : 

Form No. PIPE DIM416_T3 dd 24/08/2005

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.

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 : DP0141106-062 DIM

Details as supplied by client

Client : Cheung Hing Foundry (HK) Limited

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150mm x 150mm Equal Tee with Access Door

Manufacturer : Cheung Hing Foundry (HK) Limited

Brand : CHF 

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

Laboratory test result

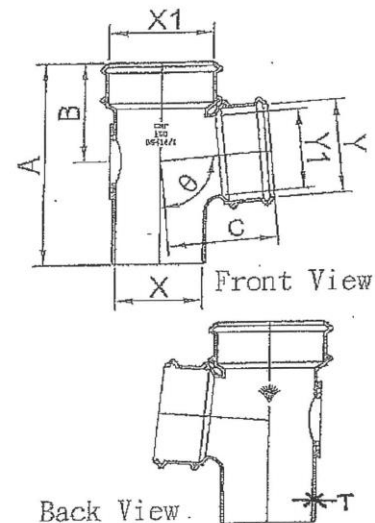
Date sample received : 06 November 2014

Date of test : 20 November 2014

Dimensions Check

Specimen no. : DP0141106-062

Dimensions	BS requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	390 mm	391 mm
B	--	190 mm	194 mm
C	--	190 mm	195 mm
T	$5 \begin{smallmatrix} +0 \\ -1.5 \end{smallmatrix} \text{ mm}$	--	4.70 mm
X	$\geq 150 \text{ mm}$	150 mm	151 mm
X1	--	181 mm	181 mm
Y	--	181 mm	181 mm
Y1	--	150 mm	150 mm



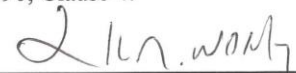
- Remarks :
1. Test result relates only to the specimen tested.
 2. Compliance of the test results to the specification is an opinion of the laboratory and is not covered under the HOKLAS accreditation.
 3. Test results of the sample comply with the requirement of BS416 : Part 1 : 1990, Clause 4.

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 : 07-09-2005

Page 1 of 1 page(s)

Castco LRN : DP250824-0309 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 100mm x 100mm x 45° Single Branch with Access Door

Manufacturer : Cheung Hing Foundry Ltd

Brand : CHF 

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

Laboratory test result

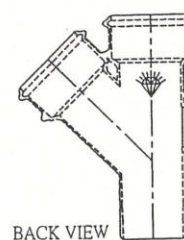
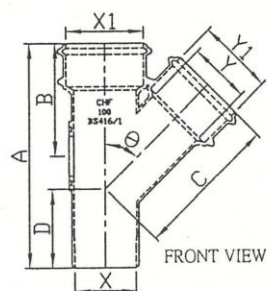
Date sample received : 24-08-2005

Date of test : 02-09-2005

Dimensions Check

Specimen no. : DP250824-0309

Dimensions	BS requirement from figure _____	Product requirement from code no. TB100100B	Measured mean value
A		370 mm	370.5 mm
B		190 mm	190.0 mm
C		240 mm	240.5 mm
D		130 mm	130.0 mm
X		100 mm	100.0 mm
X1		127 mm	127.5 mm
Y		100 mm	100.5 mm
Y1		127 mm	126.5 mm
θ		45°	45.0°



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

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 : 01-12-2005

Page 1A of 1 page(s)

Castco LRN : DP251004-0405 DIM

Details as supplied by client

Client : Cheung Hing Foundry Ltd

Client's ref. no. : --

Contract no. : --

Job title : --

Sample description : 150 x 150 x 45° Tee with Door

Manufacturer : Cheung Hing Foundry Ltd

Brand :



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

Laboratory test result

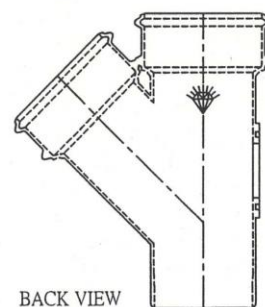
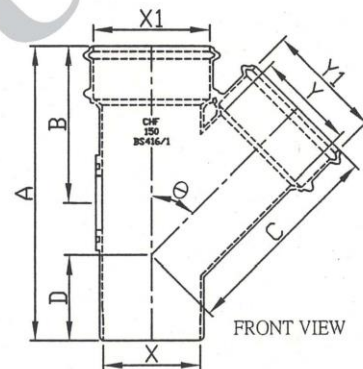
Date sample received : 04-10-2005

Date of test : 26-10-2005

Dimensions Check

Specimen no. : DP251004-0405

Dimensions	BS requirement from figure _____	Product requirement from code no. TB150150B	Measured mean value
A		450 mm	451.0 mm
B		240 mm	240.5 mm
C		320 mm	322.0 mm
D		130 mm	130.0 mm
X		150 mm	151.0 mm
X1		181 mm	181.0 mm
Y		150 mm	150.0 mm
Y1		181 mm	181.5 mm
θ		45°	45°


Remarks : 1. Test result relates only to the specimen tested.
2. This report supersedes previous test certificate of Castco LRN:DP251004-0405 DIM.
Checked by :  W.K. LeungApproved signatory : 

Form No. PIPE DIM416_T3 dd 24/08/2005

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