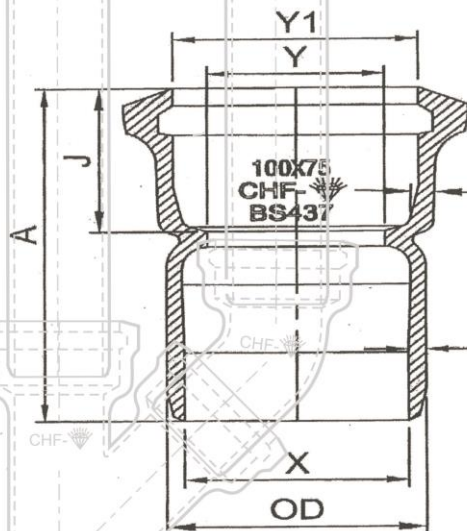


Test Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Page 2 of 2 page(s)

Castco LRN : 20113

Appendix

香港粉嶺安樂街33號
香港粉嶺安樂街29A號
E-mail: info@castco.com.hk33, On Kui Street, Fanling, Hong Kong
29A, On Chuen Street, Fanling, Hong Kong
Website: www.castco.com.hkTest Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Date of issue : 17 December 2020

Page 1 of 2 page(s)

Castco LRN : 201130-2285 DIM

Details as supplied by customer

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN100 x 75 Reducer with Flexible Joint
Manufacturer : Cheung Hing Foundry (HK) Limited
Brand name : CHF
Nominal bore : 100 mm
Nominal Length : --
Nominal Mass : 5.5 kg
Type of joint : Flexible joint

Customer's ref. no. : --

Contract no. : --

Laboratory test result

Date sample received : 30 November 2020

Date of test : 01 December 2020

Dimensions Check

Specimen no. : 201130-2285

Dimensions	BS Requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	195 mm	197 mm
H	--	11 mm	10.84 mm
J	--	80 mm	83 mm
OD	11 (+2 -1) mm	117 mm	117 mm
T	≥ 6.7 mm	6.7 mm	29 mm
X	--	100 mm	100 mm
Y	--	75 mm	75 mm
Y1	--	110 mm	112 mm
Mass	5.5 (-0.83) kg	5.5 kg	5.5 kg

Remarks : 1. Test result relates only to the specimen tested.
2. Test results of the sample comply with the requirement of BS437 : 2008, Annex A2 to A9, Clause 4.3 & 4.4 (effect of measurement uncertainty has not been taken into account).
3. Samples Submitted by : Asia Development (HK) Limited
4. Country of Origin : China

Test Certificate

Hydrostatic Test on Cast Iron Pipe

(In-house method based on BS 437 : 2008 Clause 1)

Date of issue : 18 December 2020

Page 1 of 1 page

Castco LRN : 201130-2285 HYD

Details as supplied by client

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN100 x 75 Reducer with Flexible Joint
Brand name : CHF
Manufacturer : Cheung Hing Foundry (HK) Limited

Customer's ref. no. : --

Contract no. : --

Laboratory Test Result

Date received : 30 November 2020

Date of test : 01 December 2020

Specimen no.	201130-2285
Actual internal hydrostatic pressure applied (Bar)	3.5
Sustain period (sec)	30
Test result	Passed

Remarks : 1. Test results relate only to the specimen tested (effect of measurement uncertainty has not been taken into account).
2. Samples Submitted by : Asia Development (HK) Limited
3. Country of Origin : China

Checked by:

SIT KWAN NING
Senior SupervisorCertified by:
End of ReportWONG KA MAN
Senior Manager

Form No. PIPE HYD In-house_T 44 03/06/2020 /06

香港粉嶺安樂街33號得利中心6樓・6/F, Techno Centre, 33, On Kui Street, Fanling, Hong Kong.
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香港粉嶺安樂街29A號・29A, On Chuen Street, Fanling, Hong Kong.
Tel: 2597 8333 Fax: 2597 8399 E-mail: info@castco.com.hk Website: www.castco.com.hk

香港粉嶺安樂街33號得利中心
香港粉嶺安樂街30號新寧中心
香港粉嶺安樂街29A號
Tel: 2597 8333 Fax: 2597 8399

Laboratory:

WONG KA MAN
Senior Manager

Laboratories as listed in the HOKAS directory of accredited laboratories.
Original copy or the laboratory's certified true copy is valid.

HKAS has accredited this laboratory (Reg. No. HOKLAS 032) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories. This report shall not be reproduced except in full, without written approval from this laboratory. Only the original copy or the laboratory's certified true copy is valid.

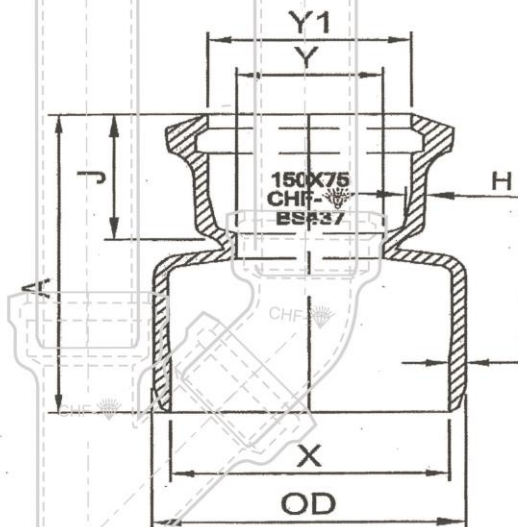
TEN

Test Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Page 2 of 2 page(s)

Castco LRN : 201130

Appendix

香港粉嶺安居街33號
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29A, On Chuen Street, Fanling, Hong Kong. Fax: 2597 8399
Website: www.castco.com.hkTest Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]Date of issue : 17 December 2020
Page 1 of 2 page(s)

Castco LRN : 201130-2286 DIM

Details as supplied by customer

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN150 x 75 Reducer with Flexible Joint
Manufacturer : Cheung Hing Foundry (HK) Limited
Brand name : CHF
Nominal bore : 150 mm
Nominal Length : --
Nominal Mass : 7 kg
Type of joint : Flexible jointCustomer's ref. no. : --
Contract no. : --

Laboratory test result

Date sample received : 30 November 2020

Date of test : 01 December 2020

Dimensions Check

Specimen no. : 201130-2286

Dimensions	BS requirements from figure --	Product requirement from code no. --	Measured mean value
A	--	210 mm	212 mm
H	--	10 mm	9.99 mm
J	--	80 mm	78 mm
OD	17 (+1/-1) mm	171 mm	170 mm
T	≥ 7 mm	7.7 mm	55 mm
X	--	150 mm	151 mm
	--	75 mm	75 mm
Y	--	110 mm	112 mm
Mass	7 (-1.05) kg	7 kg	7.2 kg

- Remarks :
- Test result relates only to the specimen tested.
 - Test results of the sample comply with the requirement of BS437 : 2008 Annex A2 to A9 Clause 4.3 & 4.4 (effect of measurement uncertainty has not been taken into account).
 - Samples Submitted by : Asia Development (HK) Limited
 - Country of Origin : China

Form No. PIPE DIM437_2008 T1 44 31/07/2019

香港粉嶺安居街33號德利中心6樓
香港粉嶺安居街30號新寧中心1樓
香港粉嶺安居街29A號
Tel: 2597 8333 Fax: 2597 8399

Test Certificate

Hydrostatic Test on Cast Iron Pipe

(In-house method based on BS 437 : 2008 Clause 1)

Date of issue : 18 December 2020
Page 1 of 1 page

Castco LRN : 201130-2286 HYD

Details as supplied by client

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN150 x 75 Reducer with Flexible Joint
Brand name : CHF
Manufacturer : Cheung Hing Foundry (HK) Limited

Customer's ref. no. : --

Contract no. : --

Laboratory Test Result

Date received : 30 November 2020

Date of test : 01 December 2020

Specimen no.	201130-2286
Actual internal hydrostatic pressure applied (Bar)	3.5
Sustain period (sec)	30
Test result	Passed

- Remarks :
- Test results relate only to the specimen tested (effect of measurement uncertainty has not been taken into account).
 - Samples Submitted by : Asia Development (HK) Limited
 - Country of Origin : China

Checked by :

SIT KWAN NING
Senior Supervisor

Form No. PIPE HYD In-house_T1 44 03/06/2020

/06

Certified by :

End of Report

WONG KA MAN
Senior Manager香港粉嶺安居街33號德利中心6樓 • 6/F, Techno Centre, 33, On Kui Street, Fanling, Hong Kong.
香港粉嶺安居街30號新寧中心1樓 • 1/F, Sun Ling Plaza, 30, On Kui Street, Fanling, Hong Kong.
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Tel: 2597 8333 Fax: 2597 8399 E-mail: info@castco.com.hk Website: www.castco.com.hk

DIM

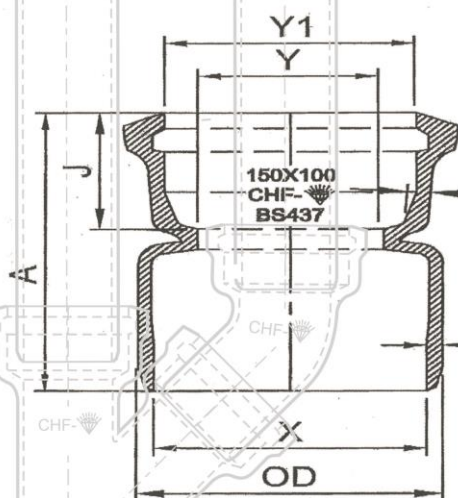
HYD

Test Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Page 2 of 2 page(s)

Castco LRN : 201130

Appendix

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29A, On Chuen Street, Fanling, Hong Kong
Tel: 2597 8333 Fax: 2597 8399
Website: www.castco.com.hkTest Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Date of issue : 17 December 2020

Page 1 of 2 page(s)

Castco LRN : 201130-2287 DIM

Details as supplied by customer

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN150 x 100 Reducer with Flexible Joint
Manufacturer : Cheung Hing Foundry (HK) Limited
Brand name : CHF
Nominal bore : 150 mm
Nominal Length: --
Nominal Mass: 8 kg
Type of joint: Flexible joint

Customer's ref. no. : --

Contract no. : --

Laboratory test result

Date sample received : 30 November 2020

Date of test : 01 December 2020

Dimensions Check

Specimen no. : 201130-2287

Dimensions	BS Requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	210 mm	212 mm
H	--	14 mm	12.00 mm
J	--	80 mm	82 mm
OD	17 (+2 -1) mm	171 mm	171 mm
T	≥ 7.7 mm	7.7 mm	7.6 mm
X	--	150 mm	152 mm
Y	--	100 mm	101 mm
Y1	--	140 mm	142 mm
Mass	8 (-1.2) kg	8 kg	8.4 kg

- Remarks : 1. Test result relates only to the specimen tested.
2. Test results of the sample comply with the requirement of BS437 : 2008, Annex A2 to A9, Clause 4.3 & 4.4 (effect of measurement uncertainty has not been taken into account).
3. Samples Submitted by : Asia Development (HK) Limited
4. Country of Origin : China

Test Certificate

Hydrostatic Test on Cast Iron Pipe

(In-house method based on BS 437 : 2008 Clause 1)

Date of issue : 18 December 2020

Page 1 of 1 page

Castco LRN : 201130-2287 HYD

Details as supplied by client

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN150 x 100 Reducer with Flexible Joint
Brand name : CHF
Manufacturer : Cheung Hing Foundry (HK) Limited

Customer's ref. no. : --

Contract no. : --

Laboratory Test Result

Date received : 30 November 2020

Date of test : 01 December 2020

Specimen no.	201130-2287
Actual internal hydrostatic pressure applied (Bar)	3.5
Sustain period (sec)	30
Test result	Passed

- Remarks : 1. Test results relate only to the specimen tested (effect of measurement uncertainty has not been taken into account).
2. Samples Submitted by : Asia Development (HK) Limited
3. Country of Origin : China

Checked by:

SIT KWAN NING
Senior Supervisor

Form No. PIPE HYD In-house_T 44 03/06/2020 /06

Certified by:

End of Report

WONG KA MAN
Senior Manager

香港粉嶺安居街33號得利中心6樓・6/F, Techno Centre, 33, On Kui Street, Fanling, Hong Kong.
香港粉嶺安居街30號新寧中心1樓・1/F, Sun Ling Plaza, 30, On Kui Street, Fanling, Hong Kong.
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Tel: 2597 8333 Fax: 2597 8399 E-mail: info@castco.com.hk Website: www.castco.com.hk

DIM

DIM

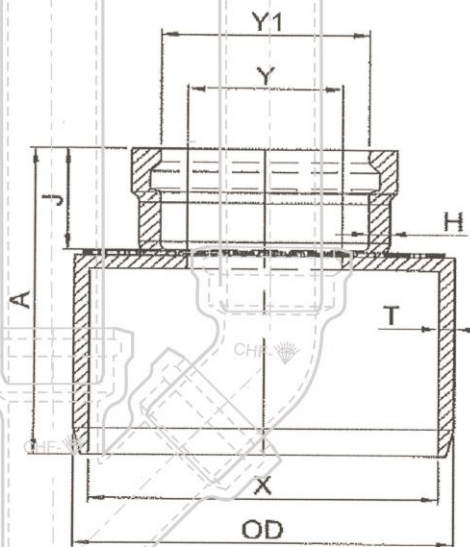
HYD

Test Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Page 2 of 2 page(s)

Castco LRN : 201106

Appendix

香港粉嶺安居街33號
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29A, On Chuen Street, Fanling, Hong Kong. Fax: 2597 8399
Website: www.castco.com.hkTest Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Date of issue : 20 November 2020

Page 1 of 2 page(s)

Castco LRN : 201106-2813 DIM

Details as supplied by customer

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN225 x 100 Reducer with Flexible Joint
Manufacturer : Cheung Hing Foundry (HK) Limited
Brand name : CHF
Nominal bore : 225 mm
Nominal Length : --
Nominal Mass : 16 kg
Type of joint : Flexible joint

Customer's ref. no. : --

Contract no. : --

Laboratory test result

Date sample received : 05 November 2020

Date of test : 07 November 2020

Dimensions Check

Specimen no. : 201106-2813

Dimensions	BS Requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	230 mm	235 mm
H	--	14 mm	14 mm
J	--	76 mm	76 mm
OD	254 (± 1) mm	254 mm	254 mm
T	≥ 10.2 mm	10.2 mm	11.47 mm
X	≥ 2.4 mm	227 mm	232 mm
Y	≥ 99 mm	100 mm	102 mm
Y1	--	138 mm	140 mm
Mass	16 (-2.40) kg	16 kg	15.4 kg

- Remarks : 1. Test results relate only to the specimen tested.
2. Test results of the sample comply with the requirement of BS437 : 2008, Annex A2 to A9, Clause 4.3 & 4.4 (effect of measurement uncertainty has not been taken into account).
3. Samples Submitted by : Asia Development (HK) Limited
4. Country of Origin : China

Form No. PIPE DIM437_2008 T1_dtd 31/07/2019

香港粉嶺安居街33號得利中心6樓
香港粉嶺安居街30號新寧中心1樓
香港粉嶺安全街29A號
Tel: 2597 8333 Fax: 2597 8399

Test Certificate

Hydrostatic Test on Cast Iron Pipe

(In-house method in accordance with BS 437 : 2008 Clause 1)

Signatory :

WONG KA MAN
Senior Manager

Details as listed in the HOKAS directory of accredited laboratories.
Original copy or the laboratory's certified true copy is valid.

Date of issue : 20 November 2020

Page 1 of 1 page

Castco LRN : 201106-2813 HYD

Details as supplied by client

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN225 x 100 Reducer with Flexible Joint
Brand name : CHF
Manufacturer : Cheung Hing Foundry (HK) Limited

Customer's ref. no. : --

Contract no. : --

Laboratory Test Result

Date received : 05 November 2020

Date of test : 07 November 2020

Specimen no.	201106-2813
Actual internal hydrostatic pressure applied (Bar)	3.5
Sustain period (sec)	30
Test result	Passed

- Remarks : 1. Test results relate only to the specimen tested. (effect of measurement uncertainty has not been taken into account).
2. Samples Submitted by : Asia Development (HK) Limited
3. Country of Origin : China

Checked by :

SIT KWAN NING
Senior Supervisor

Certified by :

End of Report

WONG KA MAN
Senior Manager

Form No. PIPE HYD In-house_T dtd 03/06/2020

香港粉嶺安居街33號得利中心6樓 • 6/F, Techno Centre, 33, On Kui Street, Fanling, Hong Kong.
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Tel: 2597 8333 Fax: 2597 8399 E-mail: info@castco.com.hk Website: www.castco.com.hk

DIM

DIM

HYD

Test Report

Metallic Materials (Steel - Structural) - Brinell Hardness Test
(BS EN ISO 6506: Part 1: 1999)

Date of issue: 20 November 2020

Page 1 of 2 pages

Castco LRN: 201106-2813 BH

Details as supplied by customer:

Customer: Cheung Hing Foundry (HK) Limited

Customer's ref. no.:

Address: 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong

Contract no.:

Job title: --

Test piece description: DN225 x 100 Reducer with Flexible Joint

Acceptance standard: BS 437: 2008 Clause 4.5 Table 4

Test piece no.: 1

Test results:

Date received: 05 November 2020

Date of test: 14 November 2020

Test specimen thickness: 6.98 mm

Test temperature: 23 °C

Sketch of Test locations



Test Report

Metallic Materials (Steel - Structural) - Brinell Hardness Test
(BS EN ISO 6506: Part 1: 1999)

Date of issue: 20 November 2020

Page 2 of 2 pages

Castco LRN: 201106-2813 BH

Test results:

Indentation no.	Indentation diameter (2 directions) (mm)	Indentation means (mm)	Corresponding hardness value (HB)	Results
1	2.10	2.11	205	Passed
2	2.11	2.10	204	Passed
3	2.05	2.00	223	Passed

Test Technique: Brinell hardness

- Hardness scale: HBW5/750
- Force/diameter ratio: 30
- Load symbol: Newton
- Hold time: 12S
- Calibration with reference block prior to testing: As per
- Surface finish: clean, smooth

Remark: 1. Test results relate only to the specimen tested (effect of measurement uncertainty has not been taken into account).

Form No. ND7(ST) BH_MTL_T1 06/11/2018

Test Report

Metallic Materials - Tensile Test of Metallic Materials
(BS EN 10002-1: 2001)

Date of issue: 20 November 2020

Page 1 of 1 page

Castco LRN: 201106-2813 TEN

Details as supplied by customer:

Customer: Cheung Hing Foundry (HK) Limited

Customer's Ref. No.:

Address: 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong

Contract No.:

Job Title: --

Origin of copper tube: --

Supplier: --

Grade & Form of copper tube product: --

Location in work: --

No. of Type of specimen applied: 1 no. DN225 x 100 Reducer with Flexible Joint

Acceptance standard: BS 437: 2008 Clause 4.5 Table 4

Nominal thickness: 7.65 mm

Laboratory Test Result

Date Received: 05 November 2020

Date Tested: 14 November 2020

Tensile Test

Specimen Identity	Grade	Type & Preparation	Width (mm)	Thickness (mm)	Org. X-sect Area (mm ²)	Org. Gauge Length (mm)	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Position of Fracture	Remark
201106-2813	--	--	7.87	7.85	61.74	--	19	--	--	Valid	--

Remarks:

- Legends: A - Proportional; B - Non-proportional; M - Machined; N - Unmachined
- This measurement is 'invalid' which relates to the position of fracture only.
- Test results relate only to the specimen tested.
- Test results comply with BS 437: 2008 Clause 4.5 Table 4 (effect of measurement uncertainty has not been taken into account).
- Samples Submitted by: Asia Development (HK) Limited.
- Country of Origin: China
- Manufacturer: Cheung Hing Foundry (HK) Limited.

Checked by:

SIT KWAN NING
Senior Supervisor

Approved Signatory:

End of Report

WONG KA MAN
Senior Manager

Form No. ST BS EN 10002-1:2001 T2 04/12/05/2017

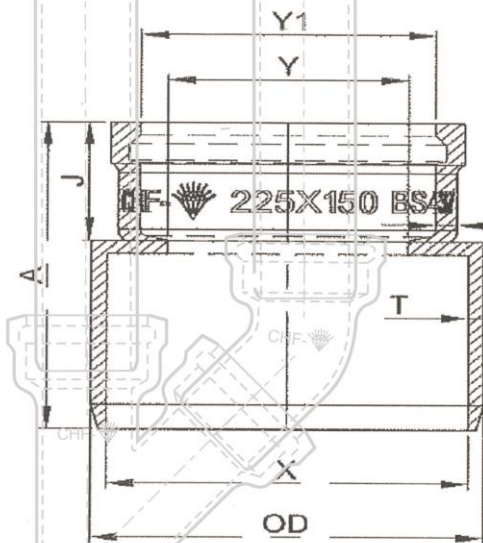
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Test Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Page 2 of 2 page(s)

Castco LRN : 201106

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29A, On Chuen Street, Fanling, Hong Kong
Website: www.castco.com.hkTest Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Date of issue : 20 November 2020

Page 1 of 2 page(s)

Castco LRN : 201106-2814 DIM

Details as supplied by customer

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN225 x 150 Reducer with Flexible Joint
Manufacturer : Cheung Hing Foundry (HK) Limited
Brand name : CHF
Nominal bore : 225 mm
Nominal Length : --
Nominal Mass : 18.5 kg
Type of joint : Flexible joint

Customer's ref. no. : --

Contract no. : --

Laboratory test result

Date sample received : 05 November 2020

Date of test : 07 November 2020

Dimensions Check

Specimen no. : 201106-2814

Dimensions	Requirement from figure --	Product requirement from code no. --	Measured mean value
A	--	245 mm	245 mm
H	--	14 mm	15 mm
J	--	90 mm	91 mm
OD	254 (+2) mm	254 mm	253 mm
T	≥ 10 mm	10.2 mm	11.1 mm
X	≥ 27.4 mm	227 mm	25 mm
Y	≥ 149 mm	150 mm	151 mm
Y1	--	190 mm	189 mm
Mass	18.5 (-2.78) kg	18.5 kg	17.4 kg

- Remarks : 1. Test results relate only to the specimen tested.
2. Test results of the sample comply with the requirement of BS437 : 2008, Annex A2 to A9 (Clause 4.3 & 4.4) (effect of measurement uncertainty has not been taken into account).
3. Samples Submitted by : Asia Development (HK) Limited
4. Country of Origin : China

Form No. PIPE DIM437_2008 T1 d4 31/07/2019

香港粉嶺安居街33號得利中心6樓
香港粉嶺安居街30號新寧中心1樓
香港粉嶺安居街29A號
Tel: 2597 8333 Fax: 2597 8399

Test Certificate

Hydrostatic Test on Cast Iron Pipe

(In-house method in BS 437 : 2008 Clause 1)

Signatory :

WONG KA MAN
Senior Manager

Signatories as listed in the HOKLAS directory of accredited laboratories.
Original copy or the laboratory's certified true copy is valid.

Date of issue : 20 November 2020

Page 1 of 1 page

Castco LRN : 201106-2814 HYD

Details as supplied by client

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN225 x 150 Reducer with Flexible Joint
Brand name : CHF
Manufacturer : Cheung Hing Foundry (HK) Limited

Customer's ref. no. : --

Contract no. : --

Laboratory Test Result

Date received : 05 November 2020

Date of test : 07 November 2020

Specimen no.	201106-2814
Actual internal hydrostatic pressure applied (Bar)	3.5
Sustain period (sec)	30
Test result	Passed

- Remarks : 1. Test results relate only to the specimen tested. (effect of measurement uncertainty has not been taken into account).
2. Samples Submitted by : Asia Development (HK) Limited
3. Country of Origin : China

Checked by :

SIT KWAN NING
Senior Supervisor

Certified by :

WONG KA MAN
Senior Manager

End of Report

Form No. PIPE HYD In-house_T d4 03/06/2020

R6

香港粉嶺安居街33號得利中心6樓 • 6/F, Techno Centre, 33, On Kui Street, Fanling, Hong Kong.
香港粉嶺安居街30號新寧中心1樓 • 1/F, Sun Ling Plaza, 30, On Kui Street, Fanling, Hong Kong.
香港粉嶺安居街29A號 • 29A, On Chuen Street, Fanling, Hong Kong.
Tel: 2597 8333 Fax: 2597 8399 E-mail: info@castco.com.hk Website: www.castco.com.hk

DIM

DIM

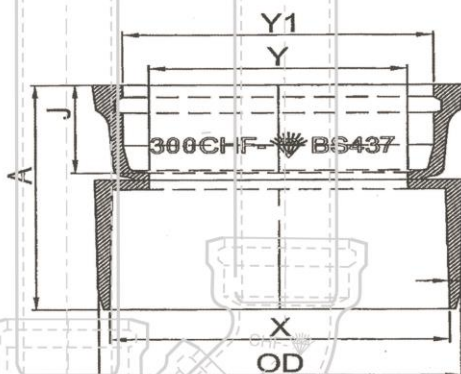
HYD

Test Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Page 2 of 2 page(s)

Castco LRN : 21020

Appendix



Form No. PIPE DIM437_2008 T1 dd 31/03/2018 /04

香港粉嶺安居街33號得利中心6樓
香港粉嶺安居街30號新寧中心1樓
香港粉嶺安居街29A號
Tel: 2597 8333 Fax: 2597 8399

香港粉嶺安居街33號
香港粉嶺安居街29A號
E-mail: info@castco.com.hk

33, On Kui Street, Fanling, Hong Kong. Tel: 2597 8333
29A, On Chuen Street, Fanling, Hong Kong. Fax: 2597 8399
Website: www.castco.com.hk

Test Report
Dimension and Mass of Cast Iron Drain Pipes, Fitting and Their Joints
[BS 437 : 2008 Annex A2 to A9 (Clause 4.3 & 4.4)]

Date of issue : 29 April 2021

Page 1 of 2 page(s)

Castco LRN : 210209-2851-006 DIM

Details as supplied by customer

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN300 x 225 Reducer with Flexible Joint
Manufacturer : Cheung Hing Foundry (HK) Limited
Brand name : CHF
Nominal bore : 300 mm
Nominal Length : --
Nominal Mass : 24.5 kg
Type of joint : Flexible joint

Customer's ref. no. : --

Contract no. : --

Laboratory test result

Date sample received : 09 February 2021

Date of test : 22 April 2021

Dimensions Check

Specimen no. : 210209-2851-006

Dimensions	BS requirement from figure --	Product requirement from code no. FAD300225	Measured mean value
A	--	273 mm	274 mm
J	--	102 mm	101 mm
OD	--	322 mm	319 mm
T	--	9 mm	10.38 mm
X	--	300 mm	303 mm
Y	--	225 mm	227 mm
Y	--	277 mm	280 mm
Mass	24.5(-3.68) kg	24.5 kg	26.9 kg

- Remarks : 1. Test result relates only to the specimen tested.
2. Compliance checked against BS 437 : 2008, Annex A2 to A9, Clause 4.3 & 4.4 was not possible as this fitting could not be found in the standard (effect of measurement uncertainty has not been taken into account).
3. Sample Submitted by : Asia Development (HK) Limited
4. Country of Origin : China

Signature :

WONG KA MAN
Senior Manager

As listed in the HOKLAS directory of accredited laboratories.
Original copy or the laboratory's certified true copy is valid.

Test Certificate

Hydrostatic Test on Cast Iron Pipe

(In-house method based on BS 437 : 2008 Clause 1)

Date of issue : 29 April 2021

Page 1 of 1 page

Castco LRN : 210209-2851-006 HYD

Details as supplied by client

Customer : Cheung Hing Foundry (HK) Limited
Address : 299 Pak Sha Tsuen, Kung Um Road, Yuen Long, Hong Kong
Job title : --
Sample description : DN300 x 225 Reducer with Flexible Joint
Brand name : CHF
Manufacturer : Cheung Hing Foundry (HK) Limited

Customer's ref. no. : --

Contract no. : --

Laboratory Test Result

Date received : 09 February 2021

Date of test : 22 April 2021

Specimen no.	210209-2851-006
Actual internal hydrostatic pressure applied (Bar)	3.5
Sustain period (sec)	30
Test result	Passed

- Remark : 1. Test results relate only to the specimen tested (effect of measurement uncertainty has not been taken into account).
2. Sample Submitted by : Asia Development (HK) Limited.
3. Country of Origin : China

Checked by:

SIU KWAN NING
Senior Supervisor

Certified by:
End of Report

WONG KA MAN
Senior Manager

Form No. PIPE HYD In-house, T1 dd 03/06/2020 /04

DIM

DIM

HYD

