### DN 50X200 Double Seal Rainwater Outlet

### **CASTCO**

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

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

73, fin Kui Strect, Fanling, Hong Kong. 29A, On Chilen Street, Fanling, Hong Kong. We bsite: www.clastco.com.hk

Tel: 2597 8390 Fax: 2597 8390



**Test Report** 

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

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

Date of issue: 27 February 2019
Page 1 of 1 page(s)

Castco LRN: DP0190128-145 DIM

Customer's ref. no. : --

#### Details as supplied by ci stomer

Customer Che. ng Hir g Fo andry (HK) L'mited

Address: 25? Pak Sha Tshen, Kung Um Road, Yuen Long, N.T.

Contract no.: --

Job title: --

Sample description: LN50 x 200H Double Seal Rainwater Outle with (S.S.316 or C.1.) Dome / Flat Grating

Manufacturer: Cheung Hing Found y (HK) Limited

Remark: Submitted by: Asia De elopment (HK) Limited

#### Laboratory test result

Date somple received: 28 September 2019

Date of test: 11 February 2019

Brand : CHF

Jimensions Check

Specimen no. : DP0190128-145

Dimensions	B: requirement from figure	Product of remention code no.	Measured mean value
DN	≥ 48 mm	50 mm	51 mm
OD		58 m.c	58 mm
D1		115 mm	118 mm
D2		1 / 8 /nm	118 mm
D3		180 mm	179 mm
H	7	260 mm	200 mm
H1	<i>  </i>	49 mm	52 mm
T	/-/	6 mm	8.51 mm
T1	5 (+c / -1.5, mr.		4.03 m n
			79

D2 II DN OD

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

2. Test results on the sample comply with the requirement of SS41/: Pirt 1: 1990, Clause 4.

Checked by:

CIT KWA'N NING Laborator Supervisor

) )

A proved Signatory:

LEE WAI KWOK B.Sc., C. Eng., MICE, MHKIE Registered Professional Engineer Executive Director

Form No. PIPE JIM4 5\_T3 dd 20/08/2015

Item no. DP/0501

End of Repor

### DN 50X300 Double Seal Rainwater Outlet

# CASTCO

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佳力高試驗中心有限公司 CASTCO TESTING CENTRE LIMITED

73, fin Kui Street, Fanling, Hong Kong. 29A, C. Chilen Street, Fanling, Hong Kong. Website: www.custco.com.hk

Tel: 2597 8253 Fax: 2597 8392

Date of test: 11 February 2019



Test Report

Dimension check on discharge and ventilating pipes and fittings sand-cast or spun in last non

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

Date of issue: 22 February 2019

Page 1 of 1 page(s) Castco LRN: DP0190128-146 DIM

#### Details as supplied by ci storrer

Customer Cheung Hing Foundry (HK) Limited

Address: 29> Pak Sna Ts. en, Kung Un. Road, Yuen Long, N.T.

Contract no. : -- Job title : --

Sample description: Dr 50 x 300H Double Seal Rainwater Outle with (S.S., 16 or C.1.) Dome / Flat Grating

Manufacturer : Cheung Hing Foundary (HK) Limited Brand : CHF

Remark: Submitted by: Asia Development (HK) Limited

#### Laboratory test result

Date sample received: 28 September 2019

Dimensions Check

Specimen no. : DP0190128-146

Dimensions	Bs requirement from figure	Product requirement from code 20.	Measured mean value
DN	≥ 48 mm	50 mm	51 mm
OD		58 mi	58 mm
D1		113 r.m	119 mm
D2		1/18 mm	118 mm
D3		180 mm	180 mm
Н	-/	302 mm	303 mm
H1	/ /	49 mm	49 mm
T	/-/	8 mm	7.66 mm
T1	5 (+0 /-1.5) mr1	<b>/</b>	4.46 m n

DZ L

Customer's ref. no. : --

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

2. Test results of the sample comply with the requirement of BS415: Fart 1: 1990, Clause 4.

Checked by :

SIT KWA' I NING Laborator Supervisor

End of Kepuri

Approved Signatory:

LEE WAI KWOK B.Sc., C. Eng., MICE, MHKIE Registered Professional Engineer Executive Director

Form . 'o. PIPF DIM/ 16\_T3 dd 20/08/2015

Item no. DP/0501

### DN 75X300 Double Seal Rainwater Outlet

# CASTCO

力高試驗中心有限公司 CASTCO TESTING CENTRE LIMITED

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73, 7n Kui street, Fanling, Hong Kong. 29A, On Chr en Street, Fanling, Hong Kong. Website: vw.c.stco.com.hk

Tel: 2597 8320 Fax: 2597 3399



#### **Test Report**

Pipes - Discharge and Ventilating Pipes and Fittings, Sand-Cast or Sour in Cast Iron

(BS - 16: Part 1: 1990 Cl. 4)

Date of issue: 27 October 2021 Page 1 of 1 page(s)

Castco URN: 211006-2701-001 DIM

#### Details as supplied by customer

Customer: Cheung Hing Found v (HK) Limited

Customer's ref. no.: --

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

Contract ne.:

Jostitle: --

Sample description: DN75 x 300H Double Seal Rainwater Outlet with (S.2.51/, or (I.) Dome / Flat Grating

Manufacturer: Cheung Hing Foundry (HK) Limited

Prand . CHF -

Remark: 1. Sample Subm. 4ed by . Asia Development (HK) Lini ed 2. Country of Origin: China

#### Laboratory test result

Date sample received: 06 October 2021

Date of test . 25 October 2021

Dimens ons Check

Section no.: 211006-2701-001

Dimensions	FS requirement from Figure 5	Product requirement from code no	Measured mean value	13
DN	74mm	75mr	76mm	
D1	<b>/</b>	160mm	160mm	21 F
D2		7.20mm	221mm	ARTHIA
D3		16 )mm	160mm	
Н		. 10n.m	309mm	DS
H1		69m. 2	68mm	
T	5(+0/-1.5) nm	5mm	4.51mm	
T1	/ <	omm	9.79mm	I
		1		DN
	N		1447	

Remarks:

- 1. Test result reades only to the specimen tested.
- 2. Test results of the sample comply with the requirement of BC416: Part 1: 19'0, Clause 4 the sample curve shall be whitin grading zone. The acceptance limit is the same as the tolerance limit (si nple acceptanc), see Figure A) Only test results out of the acceptance limit will be concluded as out-of-tolerance.

her ked by : SIT KWAN NING

Senior Supervisor

**End of Report** 

**WONG KA MAN** 

For. No. PIPE DI .416\_T3 dd 30/06/2021

### DN 100X300 Double Seal Rainwater Outlet

### CASTCO

走力高試驗中心有限公司

### CASTCO TESTING CENTRE LIMITED

香港粉嶺安居街33號香港粉嶺安全街29A號 E-mail: info@castco.com.hk 73, (In Kui streck, Fanling, Hong Kong. 29A, On Chren Street, Fanling, Hong Kong. Wobsite: ... www.custco.com.hk

Tel: 2597 8322 Fax: 2597 8399



#### **Test Report**

Pipes - Discharge and Ventilating Pipes and Fittings, Sand-Cast or Spurl in Cast Iron

(BS - 16: Part 1: 1990 Cl. 4)

Date of issue: 27 October 2021
Page 1 of 1 page(s)

Castco URN: 211006-2701-002 DIM

#### Details as supplied by customer

Customer: Cheung Hin, Found v (HK) Limited

Customer's ref. no.: --

Address: 299 Pak Sha Touen, Kung Com Road, Yuen Long, Hong Kong

Contract nc.: -

Jo title: --

Sample description: DN130 x 300H Double Seal Rainwater Outlet with (S.f.3'6 or C.I) Dome / Flat Grating

Manufacturer: Cheung Hing Foundry (HK) Limited

Prand . CHF -

Remark: 1. Sample Submited by . Asia Development (HK) Lingi ed 2. Country of Origin: China

#### Laboratory test result

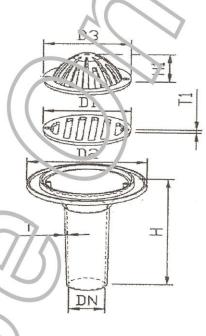
Date sample received: 06 October 2021

Date of test . 25 October 2021

Dimens ons Check

Section no.: 211006-2701-002

Dimensions	F S requirement from 1 gure 5	Product requirement from code no	Measured mean value
DN	? 99mm	100m n	101mm
D1		160mm	161mm
D2		7.20mm	219mm
D3		16 )mm	160mm
Н		. 10nim	310mm
H1		69m.:	67mm
Т	5(+0/-1.5) nm	5mm	4.51mm
T1	-/ <	0mm	9.80mm
	M		1-67



Remarks:

- 1. Test result relates only to the specimen tested.
- 2. Test results of the sample comply with the requiremant of BC 416: Part 1: 19°0, Claville 4
  The sample conversable by whitin grading zone. The acceptance limit is the same as the tolerance limit

  (simple acceptance see Figure A) Only test results out of the acceptance limit will be concluded as out-of-tolerance.

Approved Signatory

**End of Report** 

WONG KA MAN Senior Manager

For. No. PIPE DIN 416\_T3 dd 30/06/2021

Checked by

Senior Supervisor

SIT KWAN NING

HKAS has accrecited this 'aboratory (Reg. No. HOKLAS 032) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories. This report shall not one regional copy or the laboratory's certified true copy is valid.

# DN 150X300 Double Seal Rainwater Outlet

## CASTCO

### 走力高試驗中心有限公司 CASTCO TESTING CENTRE LIMITED

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73; (n Kui street, Fanling, Hong Kong. 29A, On Chi en Street, Fanling, Hong Kong. Vy bsite: vw.c.stco.com.hk

Tel: 2597 8330 Fax: 2597 3399



#### **Test Report**

Pipes - Discharge and Ventilating Pipes and Fittings, Sand-Cast or Sour in Cast Iron

(BS - 16: Part 1: 1990 Cl. 4)

Date of issue: 27 October 2021 Page 1 of 1 page(s)

Castco J.RN: 211006-2702-001 DIM

#### Details as supplied by customer

Customer: Cheung Hing Found v (HK) Limited

Customer's ref. no.: --

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

Contract nc.:

Jc) title: --

Sample description: DN150 x 300H Double Seal Rainwater Outlet with (C.T.) Dome / Flat Grating

Manufacturer: Cheung Hing Foundry (HK) Limited

Prand . CHF -

Remark: 1. Sample Subm. 'ed by . Asia Development (HK) Liry ed 2. Country of Origin: China

#### Laboratory test result

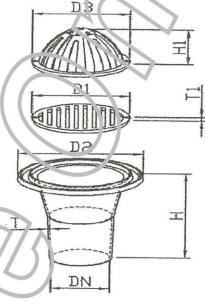
Date sample received: 06 October 2021

Date of test . 25 October 2021

Dimens ons Check

Specialen no.: 211006-2702-001

Dimensions	F S requirement from	Product requirement from code no	Measured mean value
DN	≥150mm	150m n	150mm
D1	-	250mm	249mm
D2		720mm	318mm
D3		25 )mm	250mm
Н		210n.m	309mm
H1		125m.m	124mm
T	5(+0/-1.5) nm	5mm	4.99mm
T1	-/ \	11mm	11.80mm
		1	7
	M		1462



Remarks:

- 1. Test result reades only to the specimen tested.
- 2. Test results of the sample comply with the requirement of BC416: Part 1: 1900, Claude 4 the sample curve shall be whitin grading zone. The acceptance limit is the same as the tolerance limit (si aple acceptance, see Figure A) Only test results out of the acceptance limit will be concluded as out-of-tolerance.

her ked by :

SIT KWAN NING

Approved Signatory:

WONG KA MAN

For. No. PIFE DIN 416\_T3 dd 30/06/2021

Senior Supervisor

**End of Report** 

Senior Manager

### DN 200X300 Double Seal Rainwater Outlet

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

香港粉嶺安居街33號 香港粉嶺安全街29A號 E-mail: castco@netvigator.com

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**Test Certificate** 

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

(Based on 5,8416: Part 1: 1990, Clayse 4)

Date of issue: 26 September 2013

Page 1 of 1 page

Castco LRN: DP0130918-143 DIM

#### Details as supplied v; clien.

Client: Cheung Hing Foundry (HK) Limited

Client's ref. no.: --

Contract no.: --

Sample description: L' 200 x 300H Dou's'e Seal Rainwater Outlet with Done Flat Grating

Manufacturer: Cheu, o Hing Foundry (HK) Limited

Brand: CHF

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

#### Laboratory test result

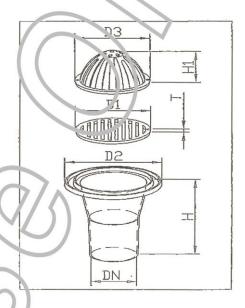
Date sample received: 18 September 2013

Date of test: 19 September 2013

Timension's Check

Spremen no.: DP0130918-143

Limensions	BS requirement from figure	Product requirement from code no	Measured mean
Di	<i>J</i>  -	250 mm	250 mm
D2		330 mm	330 mm
D3		25% mr.	252 mm
DN		200 n/m	200 mm
Н		300 nm	306 mm
H1		125 mm	125 mm
Т	//	i mm	12 mm
		JA	



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 IO (LAS accreditation.
- 3. Compliance check against BS416: Par. 1:1290, Clause 4 was 1 of possible as this fitting could not be found in the standard.

Approved Signatory:

Clecked by

**End of Report** 

LEE WAI KWOK B.Sc., C. Eng., MICE, MHKIE

Registered Professional Engineer Executive Director

Form No. 21PE DIM415\_T3 dd 01/09/2006

Laboratory Managertem no. DP/0501

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