



Certificate of Compliance

Certificate: 1623718 (LM 30065)

Master Contract: 150386

Project: 2677705

Date Issued: April 22, 2014

Issued to: Bibby-Ste-Croix Foundries Inc.

Fonderies Bibby-Ste-Croix Inc.
6200 rue Principale
Ste-Croix, QC G0S 2H0
Canada
Attention: W. Monaghan

The products listed below are eligible to bear the CSA Mark shown



Rocco Loberto

Issued by: Rocco Loberto

PRODUCTS

CLASS 7012 02 - PIPE AND PIPE FITTINGS - Frames and Covers for Maintenance Holes and Catchbasins

Circular Frame with Circular Cover/Grate, Model: C-13A, C-23B, C-36, C-50M.

Curb Inlet Catchbasin, Model: P-43A, P-80

Rectangular Frame with Cover/Grate, Model: C-16B, C-81, JW100A, JW, 100AF, JW100M, JW102A, JW107A, JW109, JW112, JW112A, JW112 WM, JW120, JW150, JW150LCO, JW153, JW300A.

Guide Frame Model: CG - 25C.

Perforated Cover Model: JW 150

Electrical Frame Model: 12" and 18".

APPLICABLE REQUIREMENTS

CSA Standards B70.1-03 - Frames and Covers for Maintenance Holes and Catchbasins



Supplement to Certificate of Compliance

Certificate: 1623718

Master Contract: 150386

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
2677705	Apr 22, 2014	Updates Report # 1623718 to cover additional models of Maintenance Holes and Catchbasins.
1623718	May 23, 2006	Certification of Maintenance Holes and Catch Basins Cover to CSA Standard B70.1-03, Legacy No. 30065 and add new factory.

History

1539666 - Closed information transferred to project 150386-1623718.

1623718 - New Class 7012-02- Frames and Covers for Maintenance Holes and Catchbasins , products certified: Circular Frame with Circular Cover/Grate, Model: C-13A, Curb Inlet Catchbasin, Model: JW 100A, JW112, P-43A, P-80, Rectangular Frame with Cover/Grate, Model: C-16B, C-81, JW100A, JW 100M, JW102A, JW107A, JW109, JW112, JW112A, JW120, JW150, JW150LCO JW153, JW300A.. Add factory CSA Identification Number 4711348 Foundrie Laperle, 106 Monteedelabasse Saint Ours QC J0C 1P0 Canada.



Descriptive Report and Test Results

MASTER CONTRACT: 150386 (LM 30065)

REPORT: 1623718

PROJECT: 2677705

Edition 1: May 23, 2006; Project 1623718 – Toronto
Issued by Dave Chudyk C.E.T., Reviewed by Charlie Caruana C.E.T.

Edition 2: April 22, 2014; Project 2677705 – Toronto
Issued by R. Loberto

Report pages reissued
Figures added – 22 to 27

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Description and Tests - Pages 1 to 4
Att 1 Figs.1 to 27

PRODUCTS

Class: 7012 02 PIPE AND PIPE FITTINGS - Frames and Covers for Maintenance Holes and Catchbasins

- **For the STE-CROIX, QC Factory (Ref LM 30065, Factory # 4500639);**
- **For the SAINT-OURS, QC Factory (Ref LM 30065, Factory # 4711348);**

APPLICABLE REQUIREMENTS

CSA Standards B70.1-03 - Frames and Covers for Maintenance Holes and Catchbasins

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MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

All Castings shall be marked with Raised Cast Lettering; the Markings shall be visible after installation and sufficient to allow the end user to readily identify the manufacturer.

The Marking Shall Include:

Manufacturer Identification: "BIBBY"; "bb"; "██████████", and/or File No "LM 30065".

The Date of Manufacturing

The Product Code or Number

Certification Marking: CSA Mark "CSA"; "B70.1".

ALTERATIONS

The manufacturer shall perform a Minimum Design Load Test as outlined in CSA Standard B70.1-03 "Frames and Covers for Maintenance Holes and Catchbasins" Clause 4.2.1 on 1 in every 500 units manufactured or 1 from every batch whichever is less of the same model or design and be in compliance.

FACTORY TESTS

The manufacturer shall perform a Minimum Design Load Test as outlined in CSA Standard B70.1-03 "Frames and Covers for Maintenance Holes and Catchbasins".

- Clause 4.2.1 on 1 in every 500 units manufactured or 1 from every batch whichever is less of the same model or design and be in compliance.

SPECIAL INSTRUCTIONS FOR FIELD SERVICES

- None required.

COMPONENT SPECIAL PICKUP

- None required.

DESCRIPTION

Material - Cast Iron, Made to ASTM A-48, Tensile Strength 30,000 LBS/Inch 2, Class Type 30
(See Figures 20, 21)

Circular Frame with Circular Cover/ or with Grate:	Figure No.
C-13A	Fig. 1
C-23B	Fig. 22
C-36	Fig. 23
C-50M	Fig. 24

Curb Inlet Catch Basin:	
P-43A	Fig. 3
P-80	Fig. 4

Rectangular Frame with Cover/ or with Grate:	
C-16B	Fig.5
C-81	Fig.6
JW100A	Figs.2, 2A, 7, 8
JW100AF	Fig. 25
JW 100M	Fig.9
JW102A	Fig.10
JW107A	Fig.11
JW109	Fig.14
JW112	Figs. 2,12
JW112A	Fig.13
JW112 WM	Fig.25
JW120	Fig.15
JW150	Fig.16, 26
JW150LCO	Fig.17
JW153	Fig.18
JW300A	Fig.19

Guide Frame:	
CG-25C	Fig. 25

Perforated Cover:	
JW150	Fig.16, 26

Electrical Frame with Cover:	
12", 18"	Fig. 27

TESTS

Project 1539666:

Closed information transferred to project 150386-1623718.

Project 1623718:

New Class 7012-02- Frames and Covers for Maintenance Holes and Catchbasins , products certified: Circular Frame with Circular Cover/Grate, Model: C-13A, Curb Inlet Catchbasin, Model: JW 100A, JW112, P-43A, P-80, Rectangular Frame with Cover/Grate, Model: C-16B, C-81, JW100A, JW 100M, JW102A, JW107A, JW109, JW112, JW112A, JW120, JW150, JW150LCO JW153, JW300A.. Add factory CSA Identification Number 4711348 Foundrie Laperle, 106 Monteedelabasse Saint Ours QC J0C 1P0 Canada.

Test results are on file at CSA-International.

Project 2677705:

Addition of Frames and Covers for Maintenance Holes and Catchbasins for the STE-CROIX, QC Factory (Ref LM 30065, Factory # 4500639) and the SAINT-OURS, QC Factory (Ref LM 30065, Factory # 4711348), products certified: Circular Cover/Grate, Models: C-23B, C-36, C-50M; Rectangular Frame with Cover/Grate, Model: JW100AF, JW112 WM; Guide Frame: CG-25C; Perforated Cover: JW 150; Electrical Frame: 12” and 18”. ISO/IEC 17025 audit was conducted during this factory visit.

Clause	Requirement	Test			Comments
		A	N/A	W	
1	Scope	√			As applicable.
2	Reference Publications	√			
3	Definitions	√			
4	Frames and Covers				
4.1	Material	√			Pull test on test bars made from the same material as the maintenance holes & catch basins to demonstrate compliance with ASTM A 48 Class 30 grey cast iron requirement.
4.2	Dimensions				
4.2.1	Minimum Design Load	√			C-36, C-50M, JW100AF, JW112WM. Grate.
4.2.2	Side Play	√			C-36 Frame & Cover, C-50M Ont D.I. Frame, C-23B Frame & Cover.
4.3	Finish	√			As applicable.
5	Seating Surfaces	√			C-36, C-50M, C-23B Frame & Cover.
6	Quality of Work	√			Not applicable.
7	Locking Devices		√		
8	Markings	√			
9	Quality Control				
9.1	Meets or exceeds CSA CAN3-Z299.3 requirements			√	Conducted under project # 1623718.
9.2	Provide castings to purchaser as per ASTM A48 & A536		√		Not part of the testing.

Details of the subject evaluation are stored in *Documentum* at CSA International Toronto (178 Rexdale Boulevard, Toronto, ON, Canada).

End of report text.