



The world is our market.

PRODUCT TECHNICAL STATEMENT

Incorporating BPIR requirements as per
Building Product Information Regulations 2022

Cremer Fire Systems tubes and fittings

Supplied by Hydroflow

HYDROFLOW DISTRIBUTORS LTD
221 Bush Road
Rosedale, Albany, North Shore
Auckland
Tel: +64 9 415 6151

What started in 1946 with the trading of goods then in short supply, like grain, peas, writing paper, and steel screens, grew over the decades to become a family company with Hanseatic roots and globe-spanning activities. With our broad business portfolio, today we're at home on all continents. For more than seven decades, CREMER has been an international specialist company focusing on trade, the processing and transport of basic commodities and raw materials, the development and manufacturing of oleochemical products and in the production of food. Our Australian branch office in Melbourne was opened in 2001. While having focussed on agricultural trading for most of the time, we recently have expanded our steel trading activities to the Australian market

This PTS covers all of the products supplied by Hydroflow, on behalf of Cremer, in New Zealand.

Revision control

Revision number	Revision information	Date
v1	New PTS (BPIR)	27 November 2023

Document type	Revision	Revision date
Product Technical Specification & BPIR Cremer Fire Systems tubes and fittings	v 1	16 October 2023



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Purpose and use

Cremer Fire Systems tubes and fittings for use in fire prevention of water supply, are suitable for mains pressure.

Product description

Cremer Fire Systems tubes and fittings complies with the NZBC as shown below in the BPIR section.

A full product listing is available on the Hydroflow website: [Hydroflow - Homepage](#)

Key advantages

Each Cremer product specification, features and benefits are available from Hydroflow.

Technical Information, Installation Instructions, Maintenance Instructions

Each Cremer product specification, features and benefits are available from Hydroflow.

Cremer recommends that all installation is done by a registered plumber.

Cremer Fire Systems tubes and fittings QA processes

Cremer Fire Systems tubes and fittings undertake testing and inspections of all products as part of the QA requirements.

Cremer is an ISO9001 certified manufacturer - See Appendix 1

Contribution to Compliance

Cremer Fire Systems tubes and fittings are in full compliance with the requirements as set out in the New Zealand Building Code, as follows:

Building code	Requirement	Compliance evidence
B2 (Durability) B2.3.1 (c) applies	(B2.3.1 Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or: (b) 15 years if: (i) Those building elements (including the building envelope, exposed plumbing in the	As part of a plumbing system for supply of cold, hot or mixed water temperatures.

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	<p>subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or</p> <p>(ii) Failure of those building elements to comply with the building code would go undetected during normal use of the building but would be easily detected during normal maintenance.</p> <p>(c) 5 years if:</p> <p>(i) The building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and</p> <p>(ii) Failure of those building elements to comply with the building code would be easily detected during normal use of the building.</p>	<p>These products can be used in residential and/or commercial buildings where cold, hot or mixed water temperatures water is required to be supplied.</p> <p>Not suitable for use in areas which are being permanently concealed such as behind concrete.</p> <p>Proof of durability – Service history Cremer products have been manufactured and supplied worldwide since 1946.</p> <p>Warranty calls are at a minimum and within the quality principles of Cremer. All Warranty claims are investigated, and corrective/preventive actions are implemented.</p>
<p>NZ Building Code C</p> <p>AS 1 to AS 7</p>	<p>Appendix B</p> <p>Automated fire sprinkler systems to comply with NZS 4541</p>	<p>Cremer products has a variety of international product certifications.</p> <p>API5L certification UL metallic sprinkler pipe certification</p> <p>Refer Appendix 2.</p>

Design, construction and installation instructions

Installation Instructions

Cremer Fire Systems tubes and fittings installation is to be done by registered plumbers.

Maintenance requirements

No specific maintenance instructions are given. Inspection by licensed plumber are recommended.

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Limitations

Limitations and use are specified in the technical information sheets obtainable from the website and differs by product.

Quality assurance

The following certifications has been accredited to the product and/or manufacturer.

Cremer has a variety of certifications including:

- ISO 9001 Quality Management
- ISO 14001 certification
- Health & Safety certification

Product support

Product data available are as shown above in section: Technical Information

Full product support can be found at:

HYDROFLOW DISTRIBUTORS LTD
221 Bush Road
Rosedale, Albany, North Shore
Auckland
Tel: +64 9 415 6151

Manufacturer

All Cremer products are manufactured by Cremer, and imported and distributed by Hydroflow.

Warnings and Bans

There is no warning or ban applicable on any Cremer products, subject to the Building Act 2004, Section 26.

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Appendix 1 – ISO 9001 certificate



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Certificate DE09/54478.06

The management system of

**Handelsgesellschaft Peter Cremer m.b.H./
Peter Cremer Holding GmbH & Co. KG
c/o Peter Cremer GmbH, Abteilung Stahl**
Glöckengießerwall 3
D-20095 Hamburg



has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

International marketing of steel, aluminium and tubular products

This certificate is valid from 12.04.2021 until 11.04.2024 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date.

Issue 9

Multiple certificates have been issued for this scope.
The main certificate is numbered DE09/54478.00.

Authorised by

ppa Jan Meemken
Director CBE Germany

Hagen Senne
Head of Certification Body



SGS-TÜV Saar GmbH
Am TÜV 1, 66280 Suizbach (Germany)
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Appendix 2 – Material certifications



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**American
Petroleum
Institute**



2019-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: **5L-0552**

ORIGINAL

The American Petroleum Institute hereby grants to

TIANJIN CITY BAOLAI INDUSTRIAL AND TRADE CO., LTD.
No. 6 Haihe Road, Daquizhuang Town
Jinghai District
Tianjin, Tianjin
People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-5L** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **5L-0552**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Manufacturer of Line Pipe Plain End at PSL 1 - Type of Pipe: HFW / Delivery Condition: N / Max. Grade: X70; Manufacturer of Line Pipe Plain End at PSL 2 - Type of Pipe: HFW / Delivery Condition: M / Max. Grade: X65 and / Delivery Condition: N / Max. Grade: X60

QMS Exclusions: Design and Development; Servicing

Effective Date: MAY 25, 2021
Expiration Date: JUNE 15, 2024

Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.

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CERTIFICATE OF COMPLIANCE

Certificate Number 20120823-EX16094
Report Reference EX16094-20120823
Issue Date 2012-AUGUST-23

Issued to: TIANJIN CITY JINGHAI COUNTY BAOLAI
INDUSTRIAL&TRADE CO LTD
6 HAIHE RD
DAQIUZHUANG
JINGHAI COUNTY
TIANJIN 281011 CHINA

This is to certify that
representative samples of


METALLIC SPRINKLER PIPE
See Addendum Page

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

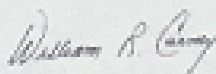
Standard(s) for Safety:
Additional Information:

UL 852 - Metallic Sprinkler Pipe For Fire Protection
See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the
word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.



William R. Casey, Director, North American Certification Programs

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at www.ul.com/contactus.



CERTIFICATE OF COMPLIANCE

Certificate Number 20120823-EX16094
Report Reference EX16094-20120823
Issue Date 2012-AUGUST-23

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Schedule 40 steel sprinkler pipe in the 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5 and 6 in sizes, as per ASTM A53/A53M-07, Grade B, Type E.

Schedule 30 steel sprinkler pipe in the 8 and 10 in sizes, as per ASTM A53/A53M-07, Grade B, Type E.

Schedule 40 steel sprinkler pipe in the 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5 and 6 in sizes, as per ASTM A795-07, Grade A and Grade B, Type E.

Schedule 30 steel sprinkler pipe in the 8 and 10 in sizes, as per ASTM A795-07, Grade A and Grade B, Type E.

Schedule 10 steel sprinkler pipe in the 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 8 and 10 in sizes, as per ASTM A795-07, Grade A and Grade B, Type E.



William R. Carney

William R. Carney, Director, North American Certification Programs

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