



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 3805	16-May-2023	Number 5	Issue date 28-Apr-2026	30-Apr-2027

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Product designation

Good Luck, ASTM A53 Series, Schedule 20, 30 and 40, steel fire sprinkler/hydrant pipe

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Croft Steel Traders Pty Ltd
1/8 Reichert Drive, MOLENDINAR, QLD, AUSTRALIA, 4214

Registrant

Good Luck India Limited
A - 42 & 45, INDUSTRIAL AREA, SIKANDRABAD, UTTAR PRADESH, INDIA, 203205

Producer

Good Luck India Limited
A - 42 & 45, INDUSTRIAL AREA, SIKANDRABAD, UTTAR PRADESH, INDIA, 203205

Conformance criteria and evaluation

The Good Luck, ASTM A53 Series, Schedule 20, 30 and 40, steel fire sprinkler/hydrant pipe has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Underwriters Laboratories Standard UL 852, 'Standard for Metallic Sprinkler Pipe for Fire Protection Service'.
2. Underwriters Laboratories - Evaluation and listing, 'UL listing'.
3. Australian Standard AS 4118.2.1-1995, 'Fire sprinkler systems - Piping - General' incl. Amdt 1 (22 June 2005).
4. Australian Standard AS 2419.1-2005, 'Fire hydrant installations - System design, installation and commissioning'.
5. ASTM A53/A53M, 'Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless'.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

Kai Loh
Executive Officer – ActivFire Scheme



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Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- System design and installation shall be determined and verified in accordance with the performance and prescribed requirements of the regulations, standards and criteria as specified by the building code and authorities having jurisdiction.
- System design and installation requirements may specify a minimum wall thickness that precludes the use of some of the scheduled pipe sizes for certain applications and locations.
- The dimensional and mechanical compatibility of pipes must be verified with the sizes of components by which they are connected or to which they connect.

Technical specification

The following details are a representative extract of the technical specification for the Good Luck, ASTM A53 Series, Schedule 20, 30 and 40, steel fire sprinkler/hydrant pipe and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Schedule of variant designations

The following is a schedule of validated variant designations of the certified/listed equipment.

DN	Inch	OD	Thickness	Surface finish options
Schedule 20				
200	8"	219.1 mm (8.625")	6.35 mm (0.250")	Black/Galvanised/Painted Finish/Painted Red
250	10"	273.1 mm (10.750")	6.35 mm (0.250")	Black/Galvanised/Painted Finish/Painted Red
Schedule 30				
200	8"	219.1 mm (8.625")	7.04 mm (0.277")	Black/Galvanised/Painted Finish/Painted Red
250	10"	273.1 mm (10.750")	7.80 mm (0.307")	Black/Galvanised/Painted Finish/Painted Red
Schedule 40				
15	1/2"	21.3 mm (0.840")	2.77 mm (0.109")	Black/Galvanised/Painted Finish/Painted Red
20	3/4"	26.7 mm (1.050")	2.87 mm (0.113")	Black/Galvanised/Painted Finish/Painted Red
25	1"	33.4 mm (1.320")	3.38 mm (0.133")	Black/Galvanised/Painted Finish/Painted Red
32	1-1/4"	42.2 mm (1.660")	3.56 mm (0.140")	Black/Galvanised/Painted Finish/Painted Red
40	1-1/2"	48.3 mm (1.900")	3.68 mm (0.145")	Black/Galvanised/Painted Finish/Painted Red
50	2"	60.3 mm (2.375")	3.91 mm (0.154")	Black/Galvanised/Painted Finish/Painted Red
65	2-1/2"	73.0 mm (2.875")	5.16 mm (0.203")	Black/Galvanised/Painted Finish/Painted Red
80	3"	88.9 mm (3.500")	5.49 mm (0.216")	Black/Galvanised/Painted Finish/Painted Red
100	4"	114.3 mm (4.500")	6.02 mm (0.237")	Black/Galvanised/Painted Finish/Painted Red
125	5"	141.3 mm (5.563")	6.55 mm (0.258")	Black/Galvanised/Painted Finish/Painted Red
150	6"	168.3 mm (6.625")	7.11 mm (0.280")	Black/Galvanised/Painted Finish/Painted Red
200	8"	219.1 mm (8.625")	8.18 mm (0.322")	Black/Galvanised/Painted Finish/Painted Red
250	10"	273.0 mm (10.750")	9.27 mm (0.365")	Black/Galvanised/Painted Finish/Painted Red

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Schedule of properties/characteristics

Chemical properties	Grade A	Grade B
Composition, Max %		
Carbon	0.250%	0.300%
Manganese	0.950%	1.200%
Phosphorus	0.050%	0.050%
Sulfur	0.045%	0.045%
Copper	0.400%	0.400%
Nickel	0.400%	0.400%
Chromium	0.400%	0.400%
Molybdenum	0.150%	0.150%
Vanadium	0.080%	0.080%
Physical properties	Grade A	Grade B
Tensile Strength, Min.	330 MPa	415 MPa
Yield Strength, Min.	205 MPa	240 MPa
Elongation, Min.,%	As per ASTM A-53	

Supplementary information

Schedule of relevant articles

The following schedule is an extract of articles significant and/or related as evidence of conformity.

Reference		Title / description	Date issued (or date validated)	Source
Ident. type	Ident.			
Certificate of Compliance	20180621-EX27724	Certificate of Compliance Issued to: Goodluck Metallica, Village Sikra, taluka Bhachau (Kutch) Gujarat 370140 INDIA METALLIC SPRINKLER PIPE Standard(s) for Safety: UL 852 Metallic Sprinkler Pipe For Fire Protection Service	21-Jun-2018	Underwriters Laboratories Inc., US
Extract	VIZY.EX27724	VIZY.EX27724 Metallic Sprinkler Pipe Goodluck India Limited (ul_w3_VIZY.EX27724.MetallicSprinklerPipe_v_20230516.pdf)	16-May-2023	UL Product iQ®, US
Brochure	Goodluck India Limited Brochure 2022.pdf	Goodluck Goodluck India Limited ERW Black/Painted Galvanized Pipes & Tubes (Rounds & Sections) Pre-Galvanized Tubes Galvanized Coils (Goodluck India Limited Brochure 2022.pdf)	9-Jun-2022	Goodluck India Limited, IN