



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 2414	12-Mar-2010	Number 11	Issue date 26-Apr-2019	30-Apr-2020

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Product designation

Project Fire Products, LiveTap®, mechanical tees

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

Agent/distributor

FireSense Pty Ltd
18-20 Brookhollow Avenue, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Registrant

Project Fire Products Limited
Pasturefields Lane Industrial Estate, HIXON, STAFFORDSHIRE, UNITED KINGDOM, ST15 8RR

Producer

Project Fire Products Limited
Pasturefields Lane Industrial Estate, HIXON, STAFFORDSHIRE, UNITED KINGDOM, ST15 8RR

Conformance criteria and evaluation

The Project Fire Products, LiveTap®, mechanical tees has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Loss Prevention Standard LPS 1219, Issue 3.0, 14-Nov-2006, 'Requirements for testing procedures for the LPCB approval and listing of pipe couplings'.
2. Loss Prevention Council - Evaluation, surveillance and approval, 'LPC approval'.

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.

- i. Specific or special requirements in relation to this product must be considered and included before and during its use.
- ii. Only suitably trained and qualified personnel can use the Livetap® drilling system and associated product range. This qualification/certification should be inspected and verified prior to the commencement of any work.

(Limitations/conditions of conformance continue)

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

David Whittaker
Executive Officer – ActivFire Scheme



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- iii. Full details of locally qualified/certified installers are available from Project Fire and it's international distributor network.
- iv. All qualified/certified installers must use the comprehensive range of specialist tools which are included in the Livetap® system tool kit.
- v. Only approved Livetap® products should be used.
- vi. Maximum working pressure 1210 kPa

Producer's description

The Project Fire Products, LiveTap®, mechanical tees are an under-pressure drilling concept to address the issues that arise when planning and implementing modifications and additions to existing sprinkler systems and modifying existing sprinkler head locations.

The concept of under pressure drilling has been around for a while, and services (such as water supply and gas) that employ this method, were able to incorporate isolating valves in their service pipelines. The Project Fire Products, LiveTap®, mechanical tees implement this concept without the necessity of isolating valves and means that fire protection is maintained whilst modification work is undertaken.

Technical specification

The following details are a representative extract of the technical specification for the Project Fire Products, LiveTap®, mechanical tees and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Drill specification

Max working pressure	Water, 12 Bar (LTS-25; LTS-50)
Drill capacity	Outlet; Size of pilot drill 3/8 with 1/4" shank" (LT-018) Ø25mm outlet; Size of shell cutter 1" (LT-017) Ø50mm outlet; Size of shell cutter 1 7/8 " (LT-004)
Swarf retention	Magnets are provided as part of the kit to retain any swarf and metal shavings that are produced as a result of the drilling process.
Drill	
LT-001	15mm outlet; 25mm outlet
LT-047	50mm outlet

Part designation	Model	Size	Working pressure
Kwik-Drain®	LT-KD-002	150 mm x 25 mm	1210 kPa
		100 mm x 25 mm	1210 kPa
		80 mm x 25 mm	1210 kPa
		65 mm x 25 mm	1210 kPa
No Drain T	LT-NDT(50)-002	150 mm x 50 mm	1210 kPa
		80 mm x 50 mm	1210 kPa
		100 mm x 50 mm	1210 kPa
		100 mm x 80 mm	1210 kPa
Kwik-Clamp	LT-KC(15-32)-002	32 mm x 15 mm	1210 kPa
	LT-KC(15-40)-002	40 mm x 15 mm	1210 kPa
	LT-KC(15-50)-002	50 mm x 15 mm	1210 kPa
Zone-Check® Live	LT-ZCL-65-002	65 mm x 25 mm	1210 kPa
	LT-ZCL-80-002	80 mm x 25 mm	1210 kPa
	LT-ZCL-100-002	100 mm x 25 mm	1210 kPa
	LT-ZCL-150-002	150 mm x 25 mm	1210 kPa
Zone-Check® Special	LT-ZCL-SA-002	65 mm x 25 mm	1210 kPa
		80 mm x 25 mm	1210 kPa
		100 mm x 25 mm	1210 kPa
		150 mm x 25 mm	1210 kPa

References:

LPCB Certificate: 060c, issue 01, 9-May-2008

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Technical data sheet:

Project Fire Products, LT-TS-002, 8-May-2009

Supplementary information

Resource / Training

Project Fire will provide, on request, CAD drawings, Method statements, Technical Specs etc. and complete Method Statements for installing additional products or extending sprinkler system are provided, complete with fully comprehensive installation instructions and drawings.

Service and maintenance

General cleaning and inspection by qualified users shall take place after each drill operation. When maintaining the Livetap® equipment, use recommended replacement parts only. Use of unauthorised parts or failure to follow the laid down maintenance requirement will render the warranty invalid.