



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until
afp - 3321	7-Nov-2018	Number 5	30-Apr-2024
		Issue date	
		27-Mar-2023	

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Product designation

Sandvik, Eclipse™ series, pre-engineered fire suppression system for mobile equipment
(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Sandvik Mining and Rock Technology
50 McDougall Street, MILTON, QLD, AUSTRALIA, 4064

Registrant

Sandvik Mining and Rock Technology
50 McDougall Street, MILTON, QLD, AUSTRALIA, 4064

Producer

Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd
20 Produce Lane, POORAKA, SA, AUSTRALIA, 5095

Conformance criteria and evaluation

The Sandvik, Eclipse™ series, pre-engineered fire suppression system for mobile equipment has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 5062:2016, 'Fire protection for mobile and transportable equipment'.

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. System operating pressure range is 1400 kPa to 1700 kPa.
 - ii. Use of non-genuine components or alternative foam concentrate voids conformity.
 - iii. Systems shall be designed in accordance with the requirements and limitations specified in the current edition of the Sandvik Eclipse™ Sustain and Extreme Installation manual, publication number 69 343 137.
 - iv. System design and layout shall be based on a fire risk assessment of the equipment.
- (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

Kaj Loh
Executive Officer – ActivFire Scheme



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This certificate remains the property of CSIRO and may be subject to amendment, suspension or withdrawal at any time.
The validity and authenticity of this certificate can be verified by the certification register located at <https://activfire.csiro.au>

Schedule to Certificate of Conformity

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The following limitations/conditions apply to the Eclipse™ Sustain system:

- v. Inspection, service and maintenance shall be in accordance with the current edition of the Sandvik Eclipse™ Sustain Operator and Maintenance manual, publication number 69 343 136
- vi. Operating temperature range is 0 to 60C
- vii. Only parts and assemblies shown in the current edition of the Sandvik Eclipse™ Sustain Operator and Maintenance manual, publication number 69 343 136 shall be used

The following limitations/conditions apply to the Eclipse™ Extreme system:

- viii. Operating temperature range is -40 to 60C
- ix. Only parts and assemblies shown in the current edition of the Sandvik Eclipse™ Extreme Operator and Maintenance manual publication number 69 343 204 shall be used.

Technical specification

The following details are a representative extract of the technical specification for the Sandvik, Eclipse™ series, pre-engineered fire suppression system for mobile equipment 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.

Variant		
Type	Ident.	Operating temperature
Model	Sustain	0°C to +60°C (32°F to 140°F)
	Extreme	-40°C to +60°C (32°F to 140°F)

Supplementary information

Schedule of relevant articles

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

Reference				
Ident. type	Ident.	Title / description	Date issued <small>(or date validated)</small>	Source
Report	XF3236/R1	Evaluation for Conformity of the Eclipse series, pre-engineered fire suppression system to the requirements of AS 5062:2016	7-Nov-2018	CSIRO, Fire Systems Laboratory, AU
Document id.:	69-343-204 <small>en-US E.1 2018-09-04</small>	Eclipse™ Extreme Operator's and Maintenance Manual	4-Sep-2018	Sandvik Mining and Construction Australia Pty Ltd, AU
	69-343-136 <small>en-US D.001.1 2018-09-03</small>	Eclipse™ Sustain Operator's and Maintenance Manual	3-Sep-2018	
	69-343-137 <small>en-US A.001.1 2018-09-02</small>	Eclipse™ Sustain / Eclipse™ Extreme Installation Manual	2-Sep-2018	