

Certificate of Acceptance

Certificate No: PA05/04939
Valid from: 02/12/2010

Issue: 1
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Product	Ice Free Switch
Manufacturer	Midwest Industrial Supply Inc.

Network Rail Acceptance Panel (NRAP) hereby authorises the product above for use on railway infrastructure for which Network Rail is the Infrastructure Manager under the ROGS regulations.

Failure to abide by the requirements in this Certificate of Acceptance may invalidate the certificate, thereby restricting the right to operate the product and / or limiting the future supply and deployment of the product on the infrastructure.

Scope of Acceptance

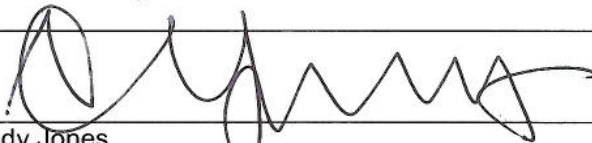
Ice Free Switch to be used in advance of periods of freezing temperatures and winter conditions to prevent switch slide chairs (all types) icing up and switch-stock rail gaps becoming blocked with snow.

Ice Free Switch is only to be used in areas approved by Network Rail's Track Technology Team until further notice.

Specific conditions

Refer to the pages which follow for the product configuration and detailed conditions of use.

Authorised by



Andy Jones
Professional Head – Track Engineering

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SPECIFIC CONDITIONS

1) Manufacturer

- 1) Supplier to guarantee that UK formulation only to be supplied (as originally approved by Railtrack).

The Manufacturer shall:

- 2) Ensure that all products supplied under this certificate comply with the standards defined in the Acceptance Requirements or otherwise documented as part of the assessment, including meeting the reliability requirements included in the Acceptance Requirements and in any deed of warranty for this certificate number.
- 3) Notify Network Rail Technology Introduction Group:
 - a. Within 48 hours, of any deficiencies affecting the quality, functionality or safety integrity of the product (including corrective action undertaken or proposed).
 - b. Of any intended change to the accepted product; changes include:
 - i. a change to the product configuration (to the actual product or its application);
 - ii. a variation to or addition of manufacturing locations or processes;
 - iii. a change in the name or ownership of the manufacturing company;
 - iv. any changes to the ability or intention to support with technical services, spares or repairs.
- 4) Provide further copies of operating and maintenance manuals to purchasers / users of the product as necessary (including certificates of conformance, calibration etc).
- 5) Provide further copies of training manuals and an appropriate level of training to purchasers / users of the product as necessary.

2) Conditions of Use

- 1) Follow Application Information provided by supplier to ensure product is applied correctly. Ice Free Switch is to be used in advance of periods of freezing temperatures and winter conditions to prevent switch slide chairs (all types) icing up and switch-stock rail gaps becoming blocked with snow.
- 2) The product is an **anti-icing** agent and is not to be used as a de-icer.
- 3) Ensure correct PPE is worn during handling and use of the product – refer to product Material Safety Data Sheet.
- 4) Ensure product is stored according to supplier's instructions and all spillages are cleaned up as advised by the supplier, carefully disposing of waste material – refer to product Material Safety Data Sheet and Environmental Data Sheet.

Specifiers, Installers, Users, Maintainers of the product shall:

- 5) Comply with the certificate conditions. If a condition is not understood guidance must be sought from Network Rail Technology Introduction Group.
- 6) Check that the application of use complies with the scope of acceptance.
- 7) Report any defect if it is a design or manufacturing fault likely to affect performance and/or the safe operation of the railway in writing to Network Rail Technology Introduction Group.
- 8) Inform Network Rail Technology Introduction Group in writing of a change to the product configuration (or to the actual product or its application).
- 9) Operate, maintain and service the product in accordance with Network Rail standards and

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Operations and Maintenance manuals as appropriate.

- 10) Be appropriately trained and authorised for the installation, maintenance and use of the product.

11) Compliance

Railways and Other Guided Systems (ROGS) Regulations

- 1) Where the product is to be used in areas where Network Rail is not the Infrastructure Manager (e.g. leased stations), the sponsor shall additionally obtain formal consent from the Infrastructure Manager for the locality where the equipment is to be installed. This may include a requirement for additional safety verification. The decision of that Infrastructure Manager is binding, and cannot be overridden by Network Rail except by the escalation processes established in the ROGS regulations
- 2) At each instantiation of use of this product, the project or group responsible for installation and commissioning shall be required to demonstrate compatibility with rail vehicles, infrastructure managed by others or neighbours, as required in Railway Group Standard GE/RT8270.

Railway Interoperability Regulations

- 3) For interoperable constituents of systems the project or group responsible for installation and commissioning shall be required to demonstrate compliance with the relevant Technical Specifications for Interoperability (TSI).

4) Supply Chain Arrangements

- 1) This certificate of acceptance does not imply any particular quantity of supply nor any exclusivity of supply.
- 2) The product may be purchased by Network Rail or its agents, suppliers or contractors.
- 3) Manufacturers should note that it is not necessary to enter into any exclusive supply arrangements with resellers or other suppliers.

5) Product Configuration

System or Complete Assembly

Part No.	Description	PADS No.
09-030	Ice Free Switch (1 US Gallon, 3.785 litres)	027/027047
09-031	Ice Free Switch (5.25 US Gallons, 20 litres)	027/027048
09-932	Ice Free Switch Back Pack Sprayer (and replaceable fan nozzle)	027/027049



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6) Assessed Documentation

Reference	Title	Date and Applies to Cert. issue No.	
N/A	Railtrack Permanent Way Approvals Group minutes 96/133 – 96/147, item 96/139	20/12/96	1
N/A	Email from Selectequip / Midwest Industrial Supply to Network Rail Technology Introduction team, confirming last use of Ice Free Switch and that the product can be supplied in its original approved formulation.	15/9/10	1
N/A	Email from Peter Anderson to Niall Fagan outlining history of Ice Free Switch approvals.	1/2/10	1
IFS-364.pdf	Ice Free Switch product brochure.	None given	1
N/A	Ice Free Switch Environmental Data Sheet	None given	1
N/A	Ice Free Switch Technical Data Sheet	None given	1
N/A	Ice Free Switch Material Safety Data Sheet	2/1/08	1
N/A	Ice Free Switch: Application Information and Frequently Asked Questions Sheet	None given	1

7) Certificate History

Issue Number	Date	Issue History
1	02/12/2010	First accepted for use.

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8) DISTRIBUTION

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Midwest Industrial Supply Inc.

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