



Certificate of Type Approval for a product or system

Discipline	Track Engineering
Reference	TR15/5001
Manufacturer	LB Foster and Shell Canada Limited
Supplier	Airlube
Place of Manufacture	USA and Canada
Product/System description	LB Foster Protector IV rail lubricator with Shell GadusRail S2 Curve Grease
Use approved for	The above lubrication system is approved for application in track infrastructure where the design of installation has been undertaken by an ASA approved methodology.

Conditions

1. All Type Approval Certifications will be subject to review within a period not exceeding 5 years.
2. The Place of Manufacture shall hold International Quality System Certification.
3. This Type Approval is only for the combination of the above named products.
4. No previous Product Approvals are superseded by this type approval certificate.
5. The supplier or manufacturer must advise TfNSW ASA of any changes made to the product or system that may alter its identification, performance characteristics, form, fit, function, processes required for correct usage or place of manufacture to enable review and revision of this approval.
6. Any installations shall be incorporated into an established Technical Maintenance Plan.

Approval

Signature	
Name	David Cooper
Title	A/Lead Engineer - Track Engineering
Date	16 th March 2015



Schedule of Certifications

Title	Registration Number	Valid till	Issuing Authority	Status
L.B. Foster Rail Technologies (UK) Limited; Quality Management System (ISO 9001:2008) Issued by PRI Registrar	13-1989	12 th February 2018	PRI Registrar	Seen, Issued 13 th February 2015
The Shell Company of Australia Limited; Quality Management System (ISO 9001:2008) Issued by PRI Registrar	QEC0388	1 st August 2016	SAI Global	Seen, Issued 26 th June 2013

Supporting Documentation

Title	Issuing Authority	Author	Report Number	Status
Protector IV Rail Lubricator – Type Approval Report	Transport for NSW	D.H.	TR NV 20150128	Issued 28 th January 2015
Phase 1 Proof of Concept Lubrication Project	Transport for NSW	D.H.	TR NV 20140604	Issued 18 th June 2014
Protector IV Rail Lubricator – Life Cycle Cost	Transport for NSW	D.H.	TR NV 20150121	Issued 4 th February 2015