



PTA TR005/2017

Product Type Approval Certificate

This certificate is issued to:


Supplier:	Hardface Technologys
	6/28 Coombes Drive, Penrith, NSW 2750

In respect of:

Manufacturer:	Hardface Technologys
Place of manufacture:	Penrith workshop and on-site applications
Product description:	"Hedkote" wire feed weld repair techniques for the stated applications below, undertaken by competent welding technicians having completed training and competence certification administered by Hardface Technologys. Applicable for use on TfNSW Heavy Rail and Light Rail assets.
Use approved for:	Hardface Technologys "Hedkote" wire feed weld repair applications for <ul style="list-style-type: none">Standard Carbon untreated and Head Hardened plain rails, common crossings and wing rails for 53kg and 60kg rail sections as a workshop and on-site application.11-14% Austenitic-Manganese castings for 53kg and 60kg rail sections as a workshop and on-site application.
Conditions of approval:	<ol style="list-style-type: none">This Product Type Approval Certificate will be subject to review within a period not exceeding 5 years from the date of issue.Hardface Technologys shall possess Quality Management Systems verified and validated to ISO 9001.Should the presence of a previously unidentified defect or condition in service arise, Hardface Technologys shall fully collaborate in resolving all associated risks..Hardface Technologys must advise ASA, TfNSW of any changes to materials or processes.

Limitations:	This Type Approval is not valid for applications within TfNSW Metro Rail Systems. This Type Approval does not contain approval for repair of switch blades or swing nose crossings.
Comments:	

Approval

ASA Lead Engineer:	John Paff, Asset Standards Authority
Position:	Lead Track Engineer
Contact details:	john.paff@transport.nsw.gov.au
Signature:	
Date:	30-10-17

[Fill this section only if independent safety assessor is engaged, otherwise mention N/A]

Independent safety assessor:	Not Applicable
Position:	
Contact details:	
Signature:	
Date:	