

NEW EQUIPMENT AND SYSTEM  
APPROVAL CERTIFICATE

<b>Certificate No.</b>	<b>NESA-T157</b>	<b>Version No. 1.0</b>
<b>Approval date</b>	12 October 2023	
<b>Approved by</b>	Head of Engineering Standards	
<i>This certificate is issued to</i>		
<b>Supplier</b>	Roundel Civil Products Pty Ltd	
<i>In respect of</i>		
<b>Manufacturer</b>	Roundel Civil Products Pty Ltd	
<b>Product description</b>	HPL PE-coated steel culverts	
<b>Item identification</b>	Roundel Civil HPL PE-coated steel culverts	
<b>Application</b>	Interstate Network Only	
<b>Relevant Standards</b>	AS 1379:2021; AS/NZS 2041.1:2011; AS/NZS 2041.2:2011; AS/NZS 2041.4:2010; ASTM A742; ARTC ETS-09-00.	
<b>Conditions of Approval</b>	<b>Supplier:</b> <ol style="list-style-type: none"><li>1. A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current.</li><li>2. Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.</li><li>3. Supplier to provide Certificate of Conformity to confirm supply is in accordance with relevant standards and this type approval.</li><li>4. The supplier shall provide guidelines for the transport, handling, storage, and installation of the product to ensure safety.</li></ol> <b>ARTC:</b> <ol style="list-style-type: none"><li>5. Consideration of nearby traffic shall be given during the design process to eliminate vehicle / livestock access. The culvert shall only be used at sites approved by asset management authority.</li><li>6. Site specific bush fire risk assessment as agreed by ARTC shall be conducted as part of the design process prior to purchasing.</li><li>7. The culvert should only be used as flood relief rather than drainage culverts in formed channels with frequent water flow. . Only sites with less than 2 m/s abrasion velocity should be considered.</li><li>8. The project team shall develop construction specification for the pipes based on the Culvert Standard Installation Details prior to works commencing on site.</li><li>9. The culvert should be inspected by an ARTC project manager and/or an assigned engineer by ARTC to ensure that the outside / inside coating was not damaged and sign off the inspection form prior to the backfill.</li><li>10. Extra care shall be given when inspecting the culvert to ensure</li></ol>	

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the coating is not damaged. Excavators shall not be used.  
11. Area Manager to report ongoing performance issues to the  
Manager Track & Civil Standards.

## Note/Comments

**Issue date** 12/10/2023

**Expiry date** N/A

**Issued by**

**ARTC Manager Track and Civil Standards**

## Supporting Documents:

- RDL-STD-CSP-01 - Culvert Standard Installation Details Rev 2
- Roundel HPL PE-coated steel materials - Overview, Material Specification and Project References 9-2-22
- CMP Final Risk Register