ARTC

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. NESA-T127	**Version No. 1.1**
Approval date	26 November 2019
Approved by	General Manager – Technical Standards
This certificate is issued to	
Supplier	Rocla Uni Park, Building 5, Suite 53, 195 Wellington Road, Clayton, VIC, 3169
In respect of	
Manufacturer	Rocla Uni Park, Building 5, Suite 53, 195 Wellington Road, Clayton, VIC, 3169
Product description	Rocla Low Profile Concrete Prestressed Sleeper
Item identification	Drawing Number: • D90744 Issue E • D91750 Issue A
Application	Network wide Only to be used for new installations on locations, where design speeds are < 70km/h.
Relevant Standards	AS1085.14 – Prestressed Concrete Sleepers ETD-02-05 – Concrete Sleepers -Design
Conditions of Approval	**General** 1. The decision to use Low Profile Concrete sleepers shall be endorsed by the relevant Business Unit Asset Manager. Considerations are to include future ARTC capacity demands for axle loads and traffic volumes, and life cycle costs. 2. Low profile sleepers are only to be used up to 25TAL. 3. The design drawings D90744 Issue E and D91750 Issue A provide for sleepers with a gauge tolerance of +/- 4mm. ARTC sleeper design standard requires sleepers to meet 0mm tight gauge tolerance (for new rail). Therefore, sleepers supplied as per the design drawings D90744 Issue E and D91750 Issue A are only to be used for new installations on locations, where design speeds are < 70km/h. **Supplier:** 4. Provide a Certificate of Conformity to confirm supply is in accordance to relevant standards and this type approval. 5. 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.

6. Remain accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.
7. Shall retain all the quality records for the design life of the sleepers. The documentation shall be available for review by ARTC at or after the time of dispatch of sleeper.
8. The sleeper shall be designed to meet ARTC concrete sleeper design standards.

ARTC:

9. The low profile sleeper shall not be used to replace heavy duty concrete sleepers or intersperse with heavy duty concrete sleepers.
10. Low profile concrete sleeper shall not be interspersed with timber sleepers unless endorsed by the Manager Standards.
11. Concrete sleeper designs may only be mixed if the depth dimensions are within +/- 10mm from the rail seat to sleeper soffit of those concrete sleepers already in track.
12. The person responsible for the delivery of sleepers to ensure documentation is provided to confirm conformance to relevant standards and this type approval for each supply.
13. Ongoing and consistent quality issues to be reported to the Manager Standards.
14. Axle load and maximum speed as per ARTC standards.
15. Sleeper spacing and ballast profile as per ARTC standards.

Note/Comments

Issue date 26 November 2019 **Expiry date** NA.

Issued by **Nick Petticrew**
ARTC Manager Standards

Supporting Documents:

Drawings

- D90744 Issue E
- D91750 Issue A

Test Reports

- Medium Duty Prestressed Concrete Sleeper Type Tests, Test Document No.:26357

Quality Assurance

- ISO 9001 Certificate of Registration