

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. NESA-T127

Version No. 1.0

Approval date 01/04/2019

Approved by General Manager – Technical Standards

Report no. NESA-T127

Report date 21/03/2019

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

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. 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 crossing loops and sidings, where design speeds are < 60km/h.

Supplier:

3. Provide a Certificate of Conformity to confirm supply is in accordance to relevant standards and this type approval.
4. Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should

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notify ARTC of any modification or changes in order to obtain a valid certificate.

5. 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.
6. 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.
7. The sleeper shall be designed to meet ARTC concrete sleeper design standards.

ARTC:

8. The low profile sleeper shall not be used to replace heavy duty concrete sleepers or intersperse with heavy duty concrete sleepers.
9. 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.
10. 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.
11. Ongoing and consistent quality issues to be reported to the Manager Standards.
12. Axle load and maximum speed as per ARTC standards.
13. Sleeper spacing and ballast profile as per ARTC standards.

Note/Comments

Issue date

Expiry date NA.

Issued by

Nick Petticrew

Acting 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



1/4/19.