

Certificate No. NESA-T115

Version No. 1.1

Approval date 26 November 2019

Approved by General Manager Technical Standards

This certificate is issued to

Supplier AusTrak
GPO Box 5094
Brisbane
QLD 4001

In respect of

Manufacturer AusTrak
GPO Box 5094
Brisbane
QLD 4001

Product description Low Profile Concrete Sleeper

Item identification 150-20S-e-C Rev A

Application Network wide

Only to be used for new installations on locations, where design speeds are < 70km/h.

Relevant Standards AS1085.14

ETD-02-05 Concrete Sleeper 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 drawing 150-20S-e-C Rev A does not meet 0mm tight gauge tolerance (for new rail). Therefore, sleepers supplied as per the design drawing 150-20S-e-C Rev 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.

NEW EQUIPMENT AND SYSTEM APPROVAL 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 sleepers 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 N/A

Issued by

Nick Petticrew

ARTC Manager Standards

Supporting Documents:

- AusTrak Low Profile Sleeper Product Information Pack