

Certificate No. NESA-T115

Version No. 1.0

Approval date 30/10/2018
Approved by General Manager Technical Standards
Report no. NESA-T115
Report date 17/10/2018

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

Relevant Standards AS1085.14
 ETD-02-05 Concrete Sleeper Design

**Conditions of
Approval**

Supplier:

1. Provide a Certificate of Conformity to confirm supply is in accordance to relevant standards and this type approval.
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.
3. 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.
4. 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.

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

ARTC:

6. 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.
7. The low profile sleeper shall not be used to replace heavy duty concrete sleepers or intersperse with heavy duty concrete sleepers.
8. 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.
9. 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.
10. Ongoing and consistent quality issues to be reported to the Manager Standards.
11. Sleepers to be used up to 25 tonne axle load at 80km/h or 23 tonne axle load at 115km/h for up to 21 MGT p.a.
12. Sleeper spacing and ballast profile as per ARTC standards.

Note/Comments

Issue date 30/10/2018

Expiry date N/A

Issued by



John Furness

ARTC Manager Standards

Supporting Documents:

- AusTrak Low Profile Sleeper Product Information Pack