

Certificate No. **NESA-S067 (v1.0)**

Approval date 28 April 2021

Approved by General Manager Technical Standards

Report no. NESA-S067

Report date 15-03-2021

This certificate is issued to

Supplier R&D Technology
102 Munibung Road
CARDIFF NSW 2285

In respect of

Manufacturer Vision Group

Product description CT12-100X-HTB – Lead acid battery

Item identification See Approved Items List

Application Hunter Valley - Trial Only

Relevant Standards SPS 02 Environmental conditions
ESD-09-01 – Signalling Power Systems

- Conditions of Approval**
1. For 12 months of trial from the date of commissioning.
 2. Only components listed shall be utilised.
 3. Feedback report to be provided by Hunter Valley Engineering staff upon completion of trial.
 4. No smoking in the proximity of batteries is permitted.
 5. Personal Protective Equipment (PPE) must be worn whenever handling batteries.
 6. Batteries must be installed away from direct sunlight and in clean location with ventilation.
 7. Mechanical aids should be used when moving batteries to reduce the likelihood of WHS incidents.
 8. Where possible, batteries to be installed on floor level.
 9. Only water may be used to clean the battery surface.
 10. Wire brushes are not permitted to clean battery terminals, only soft nonconductive brushes are allowed.
 11. Life expired batteries are only to be disposed of through battery recycling organizations.
 12. Periodic maintenance shall be carried out in accordance with ARTC TMP and Service Schedule.

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

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. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

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.

Note/Comments

Issue date

Expiry date 12 months from the date of commissioning.

Issued By

ARTC Manager Signalling Standards

Table 1 - Approved Item List

Part Number	Capacity	Voltage	Dimension (L*W*H)	Weight (kg)
CT12-100X-HTB	100Ah	12	508*110*227	32.5