



AUSTRALIAN RAIL TRACK CORPORATION

Certificate No.: **S-03-10-092**

NEW EQUIPMENT & SYSTEM APPROVAL CERTIFICATE

Approval date: 9 August 2010

Approved by: ARTC Risk & Safety Committee

Report no.: TAS 06-1005-GA101

Report date: 1 July 2010

This certificate is issued to:

Supplier: Garard Moulded Pre-cast
12 Homepride Avenue
Liverpool
NSW 2170

In respect of:

Manufacturer: Garard Moulded Pre-cast
Product description: **PRE-CAST CONCRETE EQUIPMENT HOUSING**
Item identification: ARTC 1

Application: Equipment Housings
Entire ARTC network

Relevant Standards: ESC-07-03 Small Buildings, Location Cases, Terminal Cases and General Purpose Case

- Conditions of Approval:**
1. Buildings in excess of 3.5m wide or 15m long may require additional transportation requirements from Garard. The design shall consider any transportation requirements and confirm the building can be safely transported to site.
 2. The maximum number of rooms within the building shall be limited to 3 for this type approval. Access doors to provide clear opening of 2.1 metre high x 1.0 metre wide.
 3. Certified drawings for the building and foundations meeting the requirements of Engineering Standard ESC-07-03 Small Buildings Location Cases, terminal Cases and general Purpose cases shall be supplied. Note: the typical foundation design for Garard buildings may not meet the ARTC Engineering Standard;
 4. Certificate of structural compliance shall be provided with each building;
 5. Fully completed and signed-off manufacturing check sheet shall be supplied with each enclosure;
 6. A lifting and transportation plan, including hazard assessment, shall be developed to include appropriate lifting requirements in accordance with Garard lifting instructions and Garard Safe Working Method Statement, based on the weight and size of the housing;
 7. If a standby generator is to be installed in the bungalow, the requirements of ESC-07-03 section 3.1.10 shall be met.
 8. The electrical fit-out of the building shall meet the requirements of ESC-07-03, including the number of GPOs and permanently wired outputs to allow for additional test equipment and future uses.
 9. If the building is to be located within 1.5km of an ocean or heavy industrial/chemical industrial area, the lifting anchors should be further protected by two coats of zinc dust or zinc oxide paint.
 10. Passive ventilation shall be provided in rooms in accordance with ESC-07-03. Where air conditioning is specified as a requirement in place of passive ventilation, this shall be of industrial standard and provide an alarm output when in a failed state.
 11. Explosive powered tools shall not be used on the building floor, walls or roof.

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.

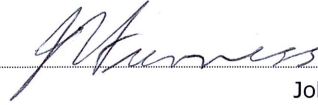
Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

Issue date: 19 July 2010

Expiry date: 19 July 2015

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Issued by:



John Furness
ARTC Manager Standards