

Certificate No. NESA-S064

Version No. 1.0

Approval date 05/07/2021
Approved by GM Technical Standards
Report no. NESA-S064 (v1.0)
Report date 05 July 2021

This certificate is issued to

Supplier Pure Electronics Pty Ltd

In respect of

Manufacturer Elsema
Product description 'Elsema' Remote Activation of Level Crossing by Radio Control
Item identification See approved item list
Application Only approved to be used in Telarah to Acacia Ridge (Interstate Network)
Relevant Standards SPS 02 – Environmental Conditions
Conditions of Approval

- Only approved to be used in Telarah to Acacia Ridge Corridor.
- Only approved items shall be utilised.
- Only to be used by Hi-rail vehicles which do not operate or detected by train detection on approach of level crossing and authorised by business unit.
- Hi-rail operators to use the remote activation as per instruction developed by business unit.
- Hi-rail operators to operate the crossing when there is a sufficient gap in road traffic approaching towards the level crossing.
- Hi-rail operator to observe and ensure that level crossing has been activated and booms are horizontal before entering the crossing area.
- Hi-rail operator to observe that level crossing has been deactivated after passing through level crossing.
- Hi-rail operator to ensure that there is no long queue over road if observing or doing inspection while crossing is activated by remote. Crossing shall not ring more than 5 minutes in all cases.
- Timing to be set as 38 sec for short time and 4 minutes for long activation.
- To be installed as per manufacturer guideline.

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

NIL

Issue date 05/07/2021

Issued by

Manager Signalling Standards ARTC

Approved Item list:

Part Number	Description
MCT91502	Transmitter – Handheld remote
MCR91501P(T)	2 Channel, 915 MHz Receiver with Frequency hopping