

## NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

**Certificate No. S-03-0213-140**

**Approval date** 19 December 2014  
**Approved by** Operational Safety & Environmental Review Committee  
**Report no.** TAS-03-0213-SI140  
**Report date** 2 October 2013

*This certificate is issued to*

**Supplier** Siemens

*In respect of*

**Manufacturer** Siemens  
380 Docklands Drive  
Docklands VIC 3008

**Product description** Protocol Converter CNA2000

**Item identification** See approved item list for certificate S-03-0213-140

**Application** Protocol Conversion

**Relevant Standards** SPS02 Environmental Conditions  
SPS05 Electrical & Electronic Components (Ratings & Construction Requirements)

**Conditions of Approval**

1. For use in accordance with manufacturer's User Guide and data sheet
2. For use to interface field equipment requiring protocol conversion to the Phoenix Genisys protocol
3. SIEMENS to provide details of System Test results including system communications latency
4. SIEMENS to verify during design that the system meets communications latency requirements for the SSI configuration of the protocol converter
5. SIEMENS to provide ITF (inspection & Test Form) for testing records for the Enfield commissioning work package for the CNA2000 protocol converter
6. SIEMENS to include all system configuration details of the protocol converter in the signalling circuit book
7. 12VDC preferred power supply
8. Only the approved firmware version to be used

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9. Plug-n-play not to be used for setting up configuration settings. All configuration settings to be recorded in the design
10. The configuration settings to be saved as a reloadable file and managed under ARTC Configuration Management procedure
11. The supplier SIEMENS remains accredited to ISO9001.

*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**

6 January 2015

**Expiry date** N/A

**Issued by**

**John Furness**  
**ARTC Manager Standards**



### Approved Item List

The following lists the individual items (by catalogue number) are approved for use on ARTC infrastructure under the above referenced New Equipment & System Approval Certificate number, subject to any conditions shown on that Certificate and the Conditions of Use shown against individual items.

Catalogue No.	Item Type	Description	Conditions of Use
CAN2000	Communications Network Adaptor	Protocol Converter	Firmware version CNA1505v1.0.1.