

## NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

### Certificate No. S-02-1707-219

Approval date 12/09/2018  
 Approved by GM Technical Standards  
 Report no. TAS-02-1707-SI-219  
 Report date 14/09/2017

#### *This certificate is issued to*

**Supplier** Siemens  
 Level 7, 380 Docklands Drive  
 Docklands, Victoria 3008

#### *In respect of*

**Manufacturer** Siemens  
**Product description** LX Flashing Warning Light LED Housing - HC200  
**Item identification** HC200  
**Application** ARTC Network Wide

### Condition of Approval:

<b>General</b>	For use in accordance with ARTC standards. <ol style="list-style-type: none"> <li>1. SPS02 –Environmental Conditions</li> <li>2. SPS03 – Signs, Notice Plates and Instruction Plates</li> <li>3. SPS05 – Electrical and Electronic Components-(Rating and Construction Requirements),</li> <li>4. SCP14 - Type Approval Requirement for Signalling System and Equipment</li> <li>5. ESC-03-01 - Level Crossing Equipment</li> <li>6. ESC-04-01 - Signal Sighting and Position</li> <li>7. ESC-07-01 – Installation of Trackside Equipment</li> </ol>
<b>Supplier</b>	<ol style="list-style-type: none"> <li>1. All documentation / manual from the supplier supporting this system shall be in English.</li> <li>2. 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.</li> <li>3. Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The Supplier shall notify ARTC of any modification or changes in order to obtain a valid updated certificate.</li> <li>4. For use in accordance with ARTC standards.</li> </ol>

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<b>Signal Designers / Installers / Testers/ Maintainers</b>	1. For use in accordance with ARTC Standards.
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Note/Comments      NIL.

Issue date              12/09/2018

Expiry date      N/A

Issued by



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

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### Approved Item List

HC200 Complete assembly Part Number as per Siemens Assembly Drawing 2501-014			
Description	Range	Lens Color	Part Number
HC200 Level Crossing Warning Light Complete Assembly. <i>Includes medium range 12 V Red LED module (5519/12RMR)</i>	Medium	Neutral Grey	250101401
HC200 Level Crossing Warning Light Complete Assembly. <i>Includes Intermediate range 12 V Red LED module (5519/12RIR)</i>	Intermediate	Neutral Grey	250101403

Individual Spare part number for HC 200 Assembly			
Description	Range	Lens Color	Part Number
LED Module 12 V Red	Medium	Neutral Grey	5519/12RMR
LED Module 12 V Red	Intermediate	Neutral Grey	5519/12RIR
Hood HC200 Flashing Light	NA	NA	250305901
Background HC200 Flashing Light	NA	NA	250305801
Side Lights White LED	NA	NA	3650118202
Lens Side Light HC200 Flashing Light	NA	NA	250306001

Individual Spare part number for HC 101L Assembly	
Description	Part Number
Hood HC101L Flashing Light / HC100 Hood (HOOD 260 LG)	M20864
Background HC101L Flashing Light / HC100 BACKGROUND 0508	M20863