

## NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

### Certificate No. NESA-S022 (v1.0)

**Approval date** 30 May 2019  
**Approved by** GM Technical Standards  
**Report no.** NESA-S022  
**Report date** 27 May 2019

### *This certificate is issued to*

**Supplier** Vossloh Cogifer Australia Pty Ltd  
 361 Barker Street  
 Castlemaine VIC 3450

### *In respect of*

**Manufacturer** Vossloh Cogifer Australia Pty Ltd  
**Product description** Vossloh Cogifer MCEM91-27  
**Item identification** Refer to Approved Item List.  
**Application** ARTC Network Wide  
**Relevant Standards** EGP-21-01 New Equipment and Systems Approvals  
 SDS 14 Points  
 SPS 02 Environmental Conditions  
 SPS 05 Electrical components (Rating and Constructions Requirements)  
 SPS 16 Points Mechanisms

### Conditions of Approval

General	1. For use in accordance with ARTC signals standards only.
Supplier	2. The supplier or manufacturer must advise ARTC of any changes made to the product or system which may alter its identification, performance characteristics, form, fit, function or processes required for correct usage so that this approval can be revised or reviewed. 3. 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 AS19011. 4. 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

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	in order to obtain a valid updated certificate.
Design / Installation / Maintenance	<ol style="list-style-type: none"> <li>5. For use in accordance with standard typical circuits only and the requirements set out within standard SDS 14 'Points'</li> <li>6. Only components listed for the MCEM91-27 may be utilised.</li> <li>7. Detection circuits shall require modification dependant on which state the machines are operated in.</li> <li>8. An EOL shall be used when installed within NSW, the handle shall have a fortress key attached by a lanyard.</li> <li>9. A V5P safeworking lock shall be required when in use in Victoria.</li> </ol>

### Equipment approval list

Vossloh Cogifer MCEM91-27 Points Machine

Item No.	Part Number	Description	Drawing No.	Qty
10/1	878010208	MCEM91-27 EQUIPPED CASE	1050-1-035	1
20/1	878010022	MCEM91 CRANK GEARBOX	1050-2-037	1
30/1	878010014	MAGNETIC TORQUE LIMITER	1050-020-004	1
40/1	878010202	MCEM91-24 ELECTRICAL MOTOR 110V AC MONO	1050-4-003	1
50/1	878010209	CHANGEOVER SWITCH MCEM91-27	1050-5-021	1
70/1	878010195	MCEM91-27 11 PINS CABLE WITH CONNECTOR	1000-800-265	1
80/1	878010272	MCEM91-27 EQUIPPED HOOD RAL7046	1050-11-004	1
90/1	878010205	EQUIPPED DRIVING ARM MCEM91-27	1050-6-005	1
100/1	878010174	MCEM91-24 EQUIPPED FLANGE	1050-7-002	1
120/1	392050034	IDENTIFICATION PLATE MCEM91	1050-107-6	1
130/1	878010191	MCEM91 OPERATING COUNTER ASSEMBLY	-	1
140/1	455540002	CRANK ASSEMBLY MCEM91-27	1050-8-006	1
150/1	393060040	MCME91-27 CHANGEOVER SWITCH COVER	1000-800-265	1

**Note/Comments** NIL.

**Issue date**

**Expiry date** N/A

**Issued by**



**John Furness**

**ARTC Manager Standards**