



18 February, 2015

Report No: 14139 - Certification
East West Engineering
PO Box 112
Brookvale, NSW, 2100

Attention: Ron King

Dear Sir,

Subject: CFM-2439 Lifting Device Certification

This is to certify that lifting device as shown on the following East West Engineering drawings:

DRAWING	REV	DATE	DRAWING	REV	DATE
CFM-2439-01	A	3/02/2015	CFM-2439-08	A	15/01/2015
CFM-2439-02	A	3/02/2015	CFM-2439-09	A	3/02/2015
CFM-2439-03	A	15/01/2015	CFM-2439-13	A	18/02/2015
CFM-2439-04	A	18/02/2015	CFM-2439-14	A	15/01/2015
CFM-2439-05	A	8/10/2014	CFM-2439-CL	A	3/02/2015
CFM-2439-06	A	8/10/2014	CFM-2439-LL	A	3/02/2015

is in accordance with the relevant portions of the following Australian Standards:

- AS4991-2004 Lifting Devices
- AS2359.1-1995 Powered industrial trucks – General requirements
- AS3990-1993 Mechanical equipment – Steelwork
- AS/NZS1554.1:2011 Structural steel welding - Welding of steel structures

The lifting device shall have a load notice plate stating the following:

Rated Capacity (RC, total lifted load) :	As per table below:		
	Fully Retracted (LC@ 2380mm)	Middle Position (LC@ 3140mm)	Fully Extended (LC@ 3900mm)
When used as a Forklift Attachment	5600 kg	2900 kg	1400 kg
When used as a Lifting Beam	6000 kg	4500 kg	2400 kg
When used as a Spreader Beam	10000 kg	10000 kg	10000 kg

Tare weight: 245 kg Maximum Sling Angle (at apex): 60°

Note that this certification accounts for a lateral acceleration of 0.25g applied to the lifting device, corresponding to light to medium braking when used for a forklift attachment.

This certification is issued under the basis that all load bearing welds in the lifting beam are Category SP as per AS1554.1 and all material forming the main beam (outer SHS) has a minimum yield strength of 345 MPa (GB/T 1591 Q345)

Serial numbers, model numbers, maintenance and inspection requirements, as well as any other information as required by Section 14 of AS4991 shall also be included with each unit.



Rob Mingis, MIEAust 2812061

Mechanical Engineer

