

PIT MASTER MANUFACTURING COMPLIANCE

PIT MASTER OEM MANUFACTURING STANDARDS

The Pit Master manufacturing program follows a continuous improvement and development philosophy, while adopting stringent quality processes to ensure that the Pit Master LED Lighting towers comply with all requirements under the Motor Vehicle Standards Act 1989, Australian Design Rules (ADRs), OH&S Act 2000, OH&S Regulation 2001 NSW and the Coal Mining Health and Safety Act 1999.

Additional compliances that are included as "Standard issue" on all but the entry towers include:

- MDG15 Compliance – Mobile and transportable equipment for use in mines.
- AS-4242:1994 Compliance – For use in mines / Electrical wiring systems at extra low voltage.
- MDG41 Compliance – Guideline for fluid power system safety at mines December 2010.
- AS4024.1 Compliance – Safety of Machinery 2006.
- AS4024.1202 Compliance – General principles / technical principles clause 3.
- Mine Site Compliance – Light vehicles and ancillary equipment
- Wind Rating Compliance.
- Noise Emission Compliance.
- Brake Pad Safety (No Asbestos) Compliance.
- ADR Braking Compliance.

ADR Compliance

The Australian Design Rules (ADRs) are national standards for vehicle safety, anti-theft and emissions. The ADRs are generally performance based and cover issues such as occupant protection, structures, lighting, noise, engine exhaust emissions, braking and a range of miscellaneous items.

ADR Braking Compliance - ADR Vehicle Standard (Australian Design Rule 38/04 – Trailer Brake Systems) 2013



Pit Master 8HTM2000 Braking Compliance - For trailers up to 2 tonnes GTM, an efficient braking system is considered to have brakes operating on the wheels of at least one axle. Over-run brakes may only be used on trailers that do not exceed 2 tonnes GTM.

Pit Master 12HKP3000 Braking Compliance - Every trailer over 2 tonnes GTM must have brakes operating on all wheels. The brake system must cause immediate application of the trailer brakes in the event of the trailer becoming detached from the towing vehicle. Under these circumstances, the brakes must remain applied for at least 15 minutes.

Minespec Pit Master LED Lighting Towers are also manufactured with **galvanized** sub frames and mudguards to increase the operating life of the units in harsh mining environments.

Minespec Pit Master LED Lighting Towers have double banded steel fuel tanks to ensure the safe containment of fuel in line with environmental mining requirements.

