

LPG Mixers

Applicability

ARTC Network Wide		Western Jurisdiction		New South Wales	✓	Victoria	
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Audience	Main Points	Change History
Corridor/Delivery Manager Team Managers Work Group Leaders Project/Delivery Engineers Engineering Compliance Managers Rail Welders	Only use approved mixers Some non-approved equipment will give poor welding results	Previously RailCorp CTN 06/17 Jun 06

Only Oxy and LPG Gas equipment may be used in ARTC.

There have been reported occurrences where incorrect mixers have been used, resulting in incorrect preheating of rails.

It is essential for preheating of welds that the correct preheating equipment is used.

The approved mixer for use in the Thermit process is Cigweld mixer type 570, Part number 304003.

Some welders have been using a mixer from WELDMASTER. It is almost identical in outward appearance to the approved mixer (see Figure 1) but the hole diameter on each end of the spindle is far greater (see Figure 2).



Figure 1 – CIG and Weldmaster mixers

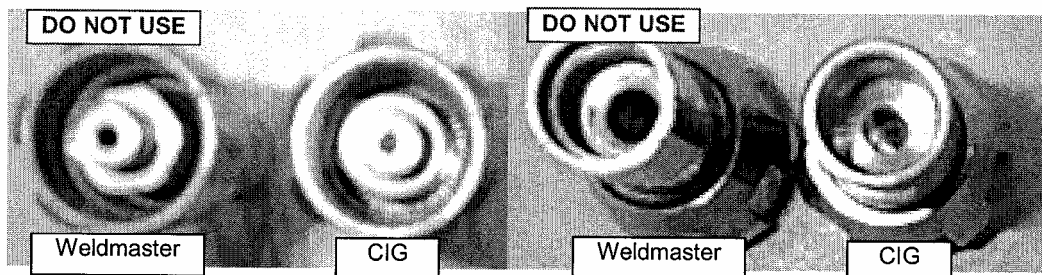


Figure 2 – CIG and Weldmaster mixers

Issued by	Date
John Cowie, Manager Standards	08 May 2007