



AUSTRALIAN RAIL TRACK CORPORATION LTD

Ref No: 08-08-11-034

New Equipment Approval - Epitech M22 Round Dog Spike

1. Determination of Need:

Epitech have been suggested as an alternative supplier of dog spikes. The product is the same as what ARTC are currently using, but approval is required because Epitech have not previously supplied dog spikes to ARTC.

2. Significant Change or Not

This change in equipment is assessed as **MINOR**

3. Review Panel

- John Cowie - Manager, ISP, Standards and Systems
- Tim Calver - Standards and Technical Services Engineer
- Ian Domleo – Senior Track and Civil Consultant

4. Performance and Suitability

Epitech M22 Dog Spikes satisfy AS1085.8 (2002) and have been certified by CCI Pope. Epitech have supplied dog spikes to the following rail companies and authorities:

- RailCorp (M22 currently approved for use)
- StateRail
- Queensland Rail
- MainCo
- TransAdelaide
- CSR and Bundaberg Sugar

Over the last 12 months, Epitech have supplied approximately 470,000 dog spikes to the rail industry.

5. Approval

The M22 dog spike is approved for use on the ARTC network.



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6. Conditions of Approval

Epitech maintain accreditation to ISO 9001. Sampling for testing remains at the current rate of:

- 3 random samples for dimensional checks to Clause 6 of AS1085.8 details recorded on the Inwards Goods Inspection Sheet and signed to authorise inspection completed.
- 9 random samples to be sent to a NATA registered laboratory for mechanical testing to Clause 9.0 - 9.1 & 9.2 to AS1085.8

7. Sign off

Review Panel:

John Cowie		Date	6. 7. 06
Tim Calver		Date	5/7/06
Ian Domleo		Date	5/7/06