



AUSTRALIAN RAIL TRACK CORPORATION

INFRASTRUCTURE, STRATEGY AND PERFORMANCE

Engineering Standards and Documents

The following recommendation, together with attached supporting documentation, has been considered the Manager Standards on 9th October 2007.

Documents:

Ref No:	08-08-10-080 - Equipment Type Approval
Subject:	'CEGASA' Air depolarised alkaline primary cells.
Dated:	3 rd September 2007.

Prepared By: Arthur Haberlin, Signalling Engineer

Endorsed by: Trevor Moore, Signalling Standards Engineer

Items Considered for Approval:

Manufacturer:	CEGASA International
Product:	Air depolarised Alkaline primary cells for block.
Item Identification:	AS8 and ALR40/200

The items in the form presented at the review date were approved for System & Equipment Approval to be used on all ARTC jurisdictions in accordance with the manufacturers published performance criteria and subject to the following.

Relevant ARTC Specifications:

Ref. No.	Title	Status	Date
SPS 02	Environmental Conditions	Issue 1 Revision 2	May '05
SC 07 01	Signalling Power Systems	Issue 1 Revision 0	March '05

Specific Conditions of Approval:

Maintenance regime for batteries of the approved cells shall be based on existing TMP for AD524 cells altered only such that replacement of cells is required when short circuit discharge current drops below 1A for ALR40/200 cells.

Certificate Issued to:

Mechtric Pty. Ltd.
14 Lorries Court
Malaga
Western Australia 6944

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 AS 19011:2003.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval.

Approved for use in the ARTC.



John Furness

APPROVAL No: 08-08-10-080

Manager Standards

Approval Date: **9th October 2007**

This certificate Supersedes, Supplements, Suspends prior approval number 08-08-10-045 which will be retained on file for record purposes.