



Network Standard NS 21-2006

Artwork on Western Power Assets

Technical Requirements for application to
South West Interconnected System (SWIS)

DMS #1049174

REVISION HISTORY		
REVISION No.	ISSUE DATE	DESCRIPTION OF AMENDMENT
Draft	2001	Draft standard.
Original	Jul 2003	Original Issue.
Revision 1	Nov 2003	Minor typographical corrections.
Revision 2	Aug 2006	Minor typographical, formatting, branding updates

Copyright © 2001-2006, Asset Management – Standards, Policy and Data Quality, Western Power

Apart from any fair dealing for the purposes of study, research, criticism or review, as permitted under the Copyright Act, no part may be reproduced by any process without prior written permission from Western Power.

All correspondence should be directed to:

Asset Management – Standards, Policy and Data Quality
 Western Power
 85 Prinsep Road, Jandakot
 PERTH WA 6164

TABLE OF CONTENTS

1	PURPOSE	1
2	APPLICATION.....	1
3	DEFINITIONS	2
3.1	GENERAL	2
3.2	ABBREVIATIONS.....	2
3.3	REFERENCES	2
4	SAFETY AND WORK SKILLS.....	3
4.1	GENERAL	3
5	ADMINISTRATION.....	4
5.1	GENERAL	4
5.2	RISK MANAGEMENT, INSURANCE AND LIABILITY.....	5
6	ARTWORK CONDITIONS.....	6
6.1	GENERAL	6
6.2	STREETLIGHT COLUMNS	8
6.3	STEEL LATTICE TOWERS.....	8
6.4	TRANSMISSION ASSETS	8
6.5	ENCLOSURES	8

1 Purpose

This standard defines the technical requirements for the application of artwork on Western Power Corporation's network assets.

The applicant shall be responsible for ensuring that these Technical Requirements are met.

2 Application

Written approval shall be obtained from Western Power for each and every artwork within the scope of this standard prior to it being applied to a Western Power asset (unless notified otherwise by Western Power).

This standard addresses only the technical requirements associated with the application of artwork to Western Power's network assets. The process for management of graffiti and non-approved artwork, including work contracts, is beyond the scope of this standard.

Western Power reserves the right to modify or change these requirements without notice.

Where the decorative artwork is applied to a Western Power's asset, Western Power does not guarantee the permanency of the artwork. The asset concerned may be replaced or repaired as required.

3 Definitions

3.1 General

Applicant Any organisation or individual requesting permission for artwork to be applied to a Western Power asset.

Artwork Decorative painting approved by Western Power and the Local Councils.

Enclosure Kiosk, ground mounted transformer or any Western Power asset used to house other Western Power equipment (generally of powder coated aluminium construction).

Graffiti Any artwork NOT approved by Western Power.

Pole A Western Power asset used for the support of aerial network equipment.

Streetlight Column A Western Power asset used for the support of streetlights only (generally a galvanized or coloured steel construction).

Wall A Western Power asset used for enclosing ground mounted network equipment.

3.2 Abbreviations

WP Western Power

3.3 References

None

4 Safety and Work Skills

4.1 General

Western Power management is committed to the philosophy that all accidents are preventable. All work is to be conducted in a safe manner. Operations associated with any task must cease if the safety of our people or the public cannot be assured.

Further to the requirements detailed therein, Western Power may require the applicant to;

- (a) Apply for a Vicinity Authority Permit (VA) prior to commencement of approved work.
- (b) Wear personal protective equipment (eg. Gloves, clothing, footwear, safety glasses and helmets) to the satisfaction of Western Power.
- (c) Have a Western Power observer on site during any approved work.
- (d) Perform all work off-site and have the equipment installed by Western Power or approved staff.

5 Administration

5.1 General

- (a) The applicant shall forward to Western Power the following documentation:
- A letter endorsing the proposed artwork by the local council and/or other governing bodies.
 - A suitable representation of the intended artwork to allow Western Power to assess the application. This may be in the form of a sketch, worded description or photograph(s) of similar artwork
 - A suitably detailed description of the asset eg. exact location, type etc. to allow Western Power to precisely identify the asset and confirm Western Power's ownership of the asset.
- (b) The applicant is responsible for maintaining a record of correspondence relating to the approval of the application.
- (c) Written approval must be obtained from Western Power for each and every proposed artwork within the scope of this standard.
- (d) Once approved, the artwork may not deviate from the originally submitted design without the approval of Western Power. Any changes must be forwarded to Western Power for approval at least 10 days prior to the works commencing.
- (e) Western Power reserves the right to approve or reject any application, irrespective of the requirements contained in this document.
- (f) The applicant may be responsible for costs incurred by Western Power in the assessment of artworks where special investigation for suitability is required eg. Artworks spanning large numbers of poles.
- (g) The applicant shall comply with Western Power's Safety and Environmental Policy which are available at <http://www.westernpower.com.au>

5.2 Risk Management, Insurance and Liability

Western Power requires the applicant to have the following insurances and provide satisfactory evidence of the currency of the policies before commencing any work under this agreement.

Insurances for:

- (a) Public Liability covering all liability to any third party for death, injury and loss of damage to property caused by or attributable to the work undertaken under this agreement for a limit of not less than \$10 million.
- (b) (i) Workers Compensation - covering all paid persons who will be engaged in the work detailed in this agreement. The policy to be written under Western Australian legislation.

(ii) Voluntary Workers Personal Accident Insurance - Covering all non paid persons who will be engaged in the work detailed in this agreement.
- (c) Motor Vehicle Third Party property insurance - covering all loss or damage to property to any third party caused by or attributable to the use of a motor vehicle in the performance of this agreement for a limit of not less than \$10 million.

The applicant shall consider road safety and protection of the work site during site works – particularly when applying artwork to assets on or near roadways. Applicants are referred to WorkSafe's website for further information - <http://www.safetyline.wa.gov.au>

6 Artwork Conditions

6.1 General

All artwork on Western Power assets shall comply with the following conditions:

- (a) Political posters, commercial artwork and any statement which advantages or disadvantages one business or group, may NOT be located on Western Power assets.
- (b) Preference may be given to artwork following a nature, environmental or community theme, such as landscapes, animals etc.
- (c) Artwork shall not contain hidden messages.
- (d) Where the artwork is applied to a pole, the artwork shall not extend more than 1.8 metres above ground level.
- (e) The artwork shall not involve attaching anything to the asset other than paint.
- (f) Where the artwork is to be applied to an enclosure, it shall not obstruct ventilation or doors from opening.
- (g) All artwork shall have the words "ARTWORK APPROVED BY LOCAL COUNCIL", in approximately 20mm high lettering in a visible colour, applied at the right bottom corner of the artwork (or 100 mm from base of the pole).
- (h) The artwork shall not obscure any signage (such as pole detail disks, pole danger plates or fire hydrant location signs), identification labels or any other authorized markings on the pole or enclosure. Any artwork shall leave a 20mm 'zone' around any markings to aid visibility of the markings.
- (i) Artwork shall not be applied to poles identified in poor condition or those due for replacement (these are typically identified with grey or white plastic bands).
- (j) The applicant shall comply with Western Australian traffic act and Police department requirements for traffic control, in conjunction with Western Power code of practice for traffic control.
- (k) Western Power will not be liable for any cost associated with the artwork, or for any loss or damage to the artwork, which may occur during maintenance, repairs or replacement of the poles or enclosures.
- (l) If the artwork deteriorates whereby Western Power believes is no longer in the community interest or detrimental to the condition of the asset, Western Power may cover the artwork at the Council's expense.
- (m) In the event that the artwork is found to contravene road safety, the council shall be responsible to return the

- assets to their original condition or paint over any artwork with a paint of colour specified by Western Power.
- (n) Any damage to Western Power equipment shall be immediately reported to Western Power. Repair shall be the responsibility of the applicant but no repairs shall be carried out without the prior written approval of Western Power.
 - (o) Western Power does not guarantee that assets to which artwork is applied will remain in their existing locations.
 - (p) Good quality grade material shall be used in the artwork. All materials shall be:
 - Stable and non-reactive up to a temperature of 85^oC.
 - Non toxic
 - Non hazardous
 - Non detrimental to the finished product of Western Power's asset
 - (q) A Vicinity Authority Permit must be obtained from Western Power if artwork is to be applied on enclosures containing energised equipment or poles where access to equipment (eg. cables) has been identified. Supervision by Western Power may be required. The applicant shall be responsible for the cost of any Western Power supervision.
 - (r) Installed equipment must be isolated and earthed for children to work on. Isolation and earthing must be carried out by Authorised Switching Operators only.
 - (s) The applicant is to maintain the artwork in good order by way of regular inspection and repair.
 - (t) The size, location and type of artwork shall not be distracting to vehicle drivers.
 - (u) The artwork shall not be obtrusive or disturb the general ambience of the local community or be considered as offensive.
 - (v) Nothing (including ladder) shall be placed/leaned against any power pole or streetlight column

- 6.2 Streetlight Columns** Artwork is NOT permitted on streetlight columns.
- 6.3 Steel Lattice Towers** Artwork is NOT permitted on steel lattice towers.
- 6.4 Transmission Assets** Generally, approval will not be given to artworks on transmission ($\geq 66\text{kV}$) assets or assets with co-located transmission and distribution equipment.
- 6.5 Enclosures** By agreement and special arrangement with Western Power, enclosures may be prepared and artwork applied off-site prior to installation. All costs incurred by Western Power under these arrangements shall be the responsibility of the applicant.