

Land and earthing requirements for pre-approved non-standard Schneider RM6 switchgear in Option B subdivision

Western Power provided an approval for the use of non-standard Schneider RM6 switchgear in Option B subdivision projects in July 2003. The approval is subject to ongoing conformance to Western Power's current technical requirements.

The original approval expired in July 2005. However as of the 27th of October 2005, this approval has been extended for another year.

In the absence of any change to the current technical requirements, the approval will expire on the 27th of October 2006.

Land requirements

The land requirements shown on the existing Western Power standard drawing numbers DSM-3-02 and DSM-3-27 is not suitable for a 5-way Schneider Switchgear (i.e. 3+2 or 2+3 RMU).

If developers and designers intend to install a 5-way Schneider switchgear on any Option B subdivisions they must provide land which meets the requirements shown on the attached drawing Nos. NSE – 001 and NSE – 002.

NSE – 001 Interim civil and land requirements for district substation up to 630kVA with Schneider RM6 5-way HV switchgear

NSE – 002 Interim civil and land requirements for HV outdoor ground mounted swgr Schneider RM6 5-way

Note: The above drawings show the interim land requirements for 5-way RM6 switchgear only. For non-standard Schneider RM6 switchgear other than 5-way, refer to existing standard drawings DSM –3-02 and DSM-3-27. Western Power is reviewing the land requirements for all substations.

Earthing Requirements

Earthing of all the approved non-standard Schneider RM6 switchgear must be installed in accordance with Australian/New Zealand Standard AS/NZS 3000.

Document History

Date Issued	1 Description	Revision
20/02/2004	Original Issue	-
27/10/2005	Updated for release on website. Schneider RM6 conditional approval date updated. Other aesthetic changes made, such as logo resized, font and formatting.	1
21/08/2007	Re-branded for release on website.	2



