



## Skid Rail Requirements - Fact Sheet

This fact sheet provides details on skid rail requirements for operators travelling with an over-dimensional load that exceeds 4.6 metres in height.

### Background

Infrastructure, such as overhead electrical and telecommunication wires, may pose a risk when transporting high loads.

Prior to transporting an over-dimensional load that exceeds 4.6 metres in height; a written clearance will be required from SA Power Networks (together with a National Heavy Vehicle Regulator Oversized and/or Overmass permit).

A 'skid rail' is a non-conductive pipe tied down over the entire load, extending past both the front and rear. The front and rear of the Skid Rails are pulled down with an arc so that the lowest point of the skid rail is at least 1 metre lower than the highest point of the load.



### Disclaimer

This fact sheet is provided for information only. No responsibility will be accepted from the use of the information contained in this fact sheet. MR 1515 01/14

### Requirements

The following requirements are the minimum standard to be met where SA Power Networks stipulates in the written clearance 'Skid Rails Required'.

- Skid rails are to be Black MDPE (Blue Line) or White Communications or Orange Electrical conduit being a minimum of Class 6, with a minimum diameter of 50 millimetres.
- Skid rails are to be tied down with any joins running towards the rear such that movement of overhead wires over the join will not separate the conduit sections.
- The rails are to be drilled horizontally to the load through the centre of the conduit at both ends of each section and at all attachment points to accommodate tie downs (Refer to Figure 1).
- No tape, rope or ties should be implemented on the top side of the skid rail.



Figure 1.



Loads exceeding 1.0 metre in width requiring skid rails are to have a minimum of three skid rails spaced no more than 1.0 metre apart, and must have skid rails attached at the extreme outer edges of the high section of the load.

Note: The overall height stated in the permit application must include the 50 millimetre skid rails if required.