

# Using Portable Pantograph Gauge

Review date: 30/04/13

<b>Document no.</b> SMS-06-SW-0523	<b>Work description</b> Using portable pantograph gauge to measure OHW stagger and height		
	<b>Scope</b> Used under OHW. This does not apply to the use of Laser Gauge Portable Pantograph.		
<b>Review date</b> 30/04/13	<b>References</b> <ul style="list-style-type: none"> <li>Overhead Wire Base Operating Standards</li> </ul>		
<b>Responsible supervisor</b> <i>Insert name in BLOCK letters</i>	<b>PPE and precautions</b> <ul style="list-style-type: none"><li>PPE for Electrical Work including Hard hat</li></ul>	<b>Competencies or qualifications</b> Nil	<b>Licences or permits required</b> Nil
<b>Tools and equipment required</b> Nil IF CONTROL MEASURES ARE NOT SUITABLE AND MAJOR CHANGES ARE NEEDED, CONDUCT A RISK ASSESSMENT AND DEVELOP NEW CONTROLS ACCORDING TO SMS-06-PR-0104 WORKPLACE RISK MANAGEMENT.			

**Warning**

Assemble and disassemble gauge outside the Danger Zone.

Maintain electrical clearances of non-insulated parts when moving gauge under OHW.

Network Protection of TWA or higher is required on the 'working track' and a minimum of NAR is required on the adjacent track.

<b>Set up</b>	<ul style="list-style-type: none"> <li>Check gauge for valid test date.</li> <li>Use two people to carry gauge to and from the working area</li> <li>Check that the insulation on the gauge's feet is intact.</li> <li>Visually check the equipment for damages before use.</li> <li>Check that the gauge is free from contamination and excessive moisture.</li> </ul>
<b>Using gauge</b>	<ul style="list-style-type: none"> <li>Adjust stabilising guys for centring by measuring at a location and turning gauge and remeasure.</li> <li>Measure height and stagger and record.</li> </ul>

**Warning**

Keep others clear when lowering the gauge.

<b>Additional controls</b>