



Safe Work Instruction	Issue date: 29/07/09
<b>Working on High Roads</b>	Review date: 06/12/10


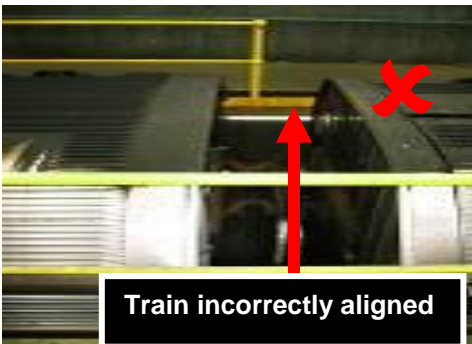
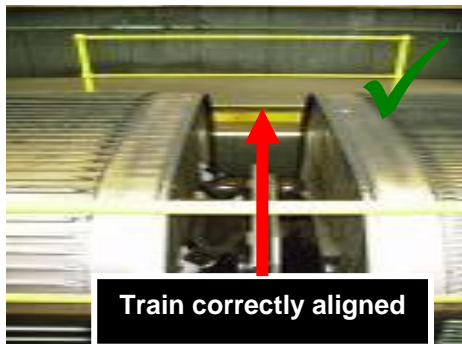
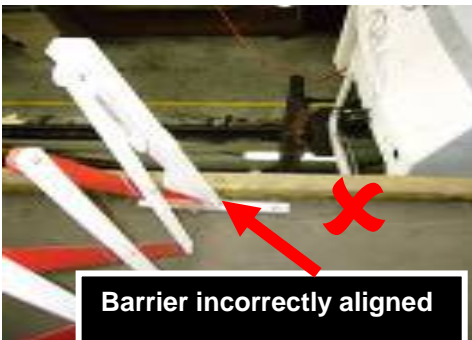
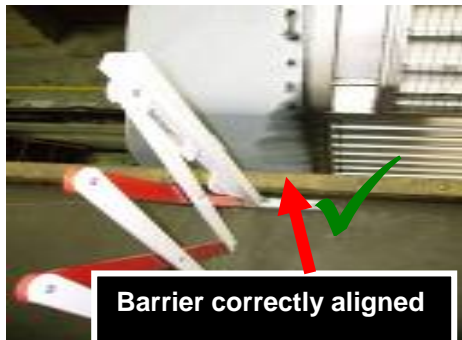


<b>Document no.</b>	<b>Work description</b>		
SMS-06-SW-1160	This SWI describes the safe work practices for working on High Roads at Electrical Maintenance Centres		
	<b>Scope</b> This SWI applies to all work on a High Road at Electrical Maintenance Centres in RSD The actual tasks being carried out from the high road are outside the scope of this document. Always refer to the relevant task SWI		
<b>Review date</b>	<b>References</b>		
06/12/10	<ul style="list-style-type: none"> <li>• OHS Act 2000</li> <li>• OHS Regulations 2001</li> <li>• Rail Safety Act 2008</li> <li>• <a href="#">SMS-06-GD-0240 Working At Heights</a></li> <li>• <a href="#">SMS-06-SW-0836 Isolating 1500V DC OH using an Annett Key</a></li> <li>• <a href="#">SMS-12-OI-0886 Red Flagging Trains in stabling yards, depots and Maintenance Centres</a></li> </ul>		
<b>Responsible supervisor</b>	<b>PPE and precautions</b>	<b>Competencies or qualifications</b>	<b>Licences or permits required</b>
Line Manager	<ul style="list-style-type: none"> <li>• High visibility vest or clothing</li> <li>• Safety Footwear</li> </ul>	<ul style="list-style-type: none"> <li>• RISI</li> <li>• Electrical Safety Awareness</li> <li>• Site specific induction</li> </ul>	
<b>Tools and equipment required</b>			
Red Flag			
IF CONTROL MEASURES ARE NOT SUITABLE AND MAJOR CHANGES ARE NEEDED, CONDUCT A RISK ASSESSMENT AND DEVELOP NEW CONTROLS ACCORDING TO <a href="#">SMS-06-PR-0104 WORKPLACE RISK MANAGEMENT</a> .			
 <b>Warning</b> <ul style="list-style-type: none"> <li>• The train itself provides some protection from falls. At no time are you to access the high road unless there is a handrail or other guarding along the whole length of the walkway</li> </ul>			

<b>Site/Job planning</b>	Follow all worksite procedures, e.g. Isolations, Inductions and pre-work briefings Ensure immediate environment is safe for work with regard to:- adequate lighting, barricades, housekeeping and any slip, trip or fall hazards Consult with your line manager regarding access to the high road before commencing any work.
<b>Access the high road</b>	Unlock door if required and access high road, maintain contact with the handrail on your ascent and decent of any stairs.
 <b>Note</b> <ul style="list-style-type: none"> <li>• To access the high road you will need to follow the Annett Key process, as described in <a href="#">SMS-06-SW-0836 Isolating 1500V DC OH using an Annett Key</a>. Never proceed to an Annett Key controlled high road unless it is cut out and you have a key in your possession</li> </ul>	



The yellow barrier has covered the gap between the two carriages

**Photograph 1: Correctly positioned set**

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Barrier placement	Place barriers in accordance with Photographs 1,2 and 3 for maximum protection.	
	<b>Warning</b> <ul style="list-style-type: none"><li>Failure to correctly position the set could result in a gap between the train and the handrail and expose workers to a potential fall from height</li><li>Where the high road is not protected by handrails or other guards, additional protection is required. Consult with your line manager before commencing any work.</li></ul>	
		<ul style="list-style-type: none"><li>Secure the intermittent moveable or sliding rails into position so they protect persons from falling between carriages</li></ul>
<b>Photograph 2</b> Rail on opposite side is in <u>incorrect</u> position	<b>Photograph 3</b> Rail on opposite side is in <u>correct</u> position	
		<ul style="list-style-type: none"><li>Position the end barriers before the end of the train to restrict access past the end of the train</li></ul>
<b>Photograph 4</b> Expandable End Rail in <u>incorrect</u> position (past end car)	<b>Photograph 4</b> Expandable End Rail in <u>correct</u> position (before end of end car)	
<b>Working on high roads</b>	Once work area is ready, carry out work in accordance with relevant SWMS/SWIs Ensure a high level of housekeeping is maintained throughout the work to minimise the risk of slips, trips and falls	
	<b>Note</b> <ul style="list-style-type: none"><li>Ensure you use available steps to traverse the gap between the high road and the train</li><li>Ensure the flaps(if available) are in place to prevent tools falling onto persons working below</li></ul>	
	<b>Warning</b> <ul style="list-style-type: none"><li>Keep the high road clear of tools, equipment and parts. Failure to do so could result in serious injury or death as a result of fall from height</li><li>Take extreme care when handling tools as personnel may be working below. Ensure you secure tools at all times and notify any personnel below of your presence.</li></ul>	
<b>Completion of work</b>	Upon completion of task, ensure you fold back flaps, remove barriers and steps. Check all parts and tools have been collected. Leave area clean and tidy.	
<b>Notify upon completion</b>	Check to ensure no other personnel are on the high road before locking the door. Hand key back to line manager (supervisor, operational planner).	
<b>Additional controls</b> <ul style="list-style-type: none"><li>Additional controls may be required, depending upon the work being carried out. Refer to relevant SWIs for additional controls</li><li>If you identify additional hazards and / or controls relevant to this SWI, notify your Safety Facilitator or Line Manager as soon as practicable, so they can be noted and used to continuously improve this document.</li></ul>		