

# Transformer & RMU Commissioning Sheet



Part of Energy Queensland

					No.		
<b>Site Details - All details to be completed in full</b>							
Site Identification / Name		Project No.		Work Order No.			
Location							
Form 1175 - HV Apparatus Pre-Commissioning Sheet - 3053183 completed: <input type="checkbox"/> YES <input type="checkbox"/> NO (complete a Form 1175)							
<b>Ring Main Units</b>							
<b>Voltage Detection Output Socket Voltages</b>							
A $\phi$ - E		B $\phi$ - E		C $\phi$ - E			
A $\phi$ - E		B $\phi$ - E		C $\phi$ - E			
A $\phi$ - E		B $\phi$ - E		C $\phi$ - E			
A $\phi$ - E		B $\phi$ - E		C $\phi$ - E			
Phase Out Between RMU Test Points		1. <input type="checkbox"/> Point L1/IS1 - L2/IS2 Different phase		2. <input type="checkbox"/> Point L1/IS1 - L1/IS2 Like Phase		3. <input type="checkbox"/> Point L2/IS1 - L1/IS2 Different Phase	
4. <input type="checkbox"/> Point L2/IS1 - L2/IS2 Like Phase		5. <input type="checkbox"/> Point L3/IS1 - L2/IS2 Different Phase		6. <input type="checkbox"/> Point L3/IS1 - L3/IS2 Like Phase		7. <input type="checkbox"/> Point L1/IS1 - L3/IS2 Different Phase	
<b>Transformer</b>							
Confirm correct LV bridging between Transformer bushings and LV isolation switches <input type="checkbox"/> YES							
LV Fuse locations				Fuse Rating			
Transformer Site No:				Transformer Fuse:		Amp	
Site ID No.				Circuit Fuse (1)		Amp	
Site ID No.				Circuit Fuse (2)		Amp	
Site ID No.				Circuit Fuse (3)		Amp	
<b>Voltages - No Load 3 phase</b>						<b>Voltages - No Load 1 Phase</b>	
A $\phi$ - N		B $\phi$ - N		C $\phi$ - N		A $\phi$ - N	
A $\phi$ - B $\phi$		B $\phi$ - C $\phi$		C $\phi$ - A $\phi$		N $\phi$ - Ind Earth	
A $\phi$ - Ind Earth		B $\phi$ - Ind Earth		C $\phi$ - Ind Earth		A $\phi$ - Ind Earth	
N $\phi$ - Ind Earth							
<b>Transformer Phase Rotation</b>				<b>Transformer Loop Impedance</b>			
<input type="checkbox"/> Clockwise		<input type="checkbox"/> Anti-clockwise		Supply Active - Neutral Main $< 0.5 \Omega$ (Tx Neutral bridge connected to Neutral Main)			$\Omega$
<b>Transformer Common Earthing Reading (all bridging and cabling connected)</b>							
<b>Common Earthing Resistance Value:</b> reading to be less than <b>1 <math>\Omega</math></b> (If greater than 1 $\Omega$ ; repair &/or contact WGL/Standby Co-ordinator)							
Network Monitor: <input type="checkbox"/> Tested <input type="checkbox"/> Commissioned				Meter Phase Rotation <input type="checkbox"/> Clockwise <input type="checkbox"/> Anti-Clockwise			
<input type="checkbox"/> Form 1179 - Pole Top Transformer/Voltage - LV Monitoring Check Sheet - 10451659 completed				<input type="checkbox"/> Form 1184 - Pad Mount/Ground Type/Dry Type Transformer - LV Monitoring Checksheet - 3069305 completed			
Print Name:				Signature of Tester:			
Phone No:				Date:		/ /	

**Note:** Minimum earth readings must be achieved before energisation of site.

**Work Group Leader Name**  
(print)

**Signature**

**Sheet checked by:**

**Date**

/ /

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