

Work Instruction		WO No.	
		Date:	
Scope: Renewal of ATRICS SCADA 2000 PSU equipment			
Team Leader:		Type: ATRICS SCADA 2000 Power Supply	
Activity: Power Supply Like For Like Renewal			
Reference: PR S 47114, PR S 47115, PR S 40008, PR S 40010, PR S 40011, PR S 40050			
Activity No.	Task No.	Work Description	Completed Name/Sign
APPARATUS INSPECTION & PREPARATION			
1	1A	Prior to the equipment replacement, ensure the correct defective PSU has been identified	
	1B	Conduct apparatus inspection on the new ATRICS SCADA 2000 PSU and ensure it is of correct type, configuration and Version in accordance with the equipment requirement	
	1C	Correlate toggle switch on new power supply is set to 120V as per the printed circuit board	
2	2A	Inspect new PSU for damage	
SAFeworking & Disconnection from Interlocking			
3	3A	Liaise with the Network Control Officer and obtain permission to carry out a mastership change	
	3B	Confirm field equipment mastership change, and that RTU is on STANDBY and confirm field equipment arbitration is in manual	
	3C	Correlate any wiring terminations and mark on the attached circuit book sheets	
	3D	Disconnect the PSU	
DISCONNECTION, REMOVAL AND INSTALLATION (PSU)			
4	4A	Carefully remove the existing ATRICS SCADA 2000 PSU	
	4B	Carefully install the new ATRICS SCADA 2000 PSU	
	4C	Using a multimeter, test voltage between 5V and GND pins on any one of the 5VDC power lead connectors (connector that plugs into IO board subrack) coming from the power supply subrack	
	4D	Measure and adjust PSU output to read 5.2VDC	
CERTIFICATION (PSU)			
5	5A	Liaise with the Network Control Officer and obtain permission to carry out a mastership change	
	5B	Swap field equipment mastership over to Master and arbitration to Auto	
	5C	Confirm voltage is between 4.9V and 5.2VDC using approved/calibrated multimeter	
	5D	Perform the following tests to confirm operation of the system	
		Function Test	Result
		RTU Operation and power test	PASS/FAIL
ADJUSTMENT AND CERTIFICATION (PSU)			
6	6A	Advise NCO and ICON of completion of work	

Old Serial #	New Serial #
<p>I certify, ATRICS SCADA 2000 PSU: _____</p>	
<p>at _____ location, has been inspected, tested and certified fit for service</p>	
<p>_____ Print Name</p>	<p>_____ Position</p>
<p>_____ Signature</p>	<p>_____ Date</p>