

ARM Darwin Research Station

Site Visit 0412D Report

Visit Duration: 29 Nov to 07 Dec

Darwin, Australia

SV-0412D

Site:	Proposed Dates on Site: 29Nov04 - 07Dec04
Team Members: Troy Culgan Mike Alsop Ralph Dedecker	Ship or hand carry prior to SV: AERI TSI (#102)
	<p>Safety: Major Hazards: Caustic chemicals(KOH), Explosive gas(H2), AC electricity.</p> <p>Hazard Controls: BOM Electrolyser Handbook, BM Electrolyzer Operations/Maintenance Training, ASNZS 4836/2001-Safe Working on LV Electrical Installations, 2 man rule.</p>

Site Tasks

Priority	System	Date Completed (dd/Month)	Service Time in Hours	Tasks/Assoc Hazards-Controls <small>For each priority item insert new line(row) for each date/time entry</small>
1	AERI			Install AERI
		30-Nov	8	Equipment unpacked and partially assembled , infrastructure modifications in progress
		2-Dec	4	AERI installed in E-Van
		3-Dec	2	Install complete
2	AERI			Power up AERI
		1-Dec	6	AERI powered up in workshop for testing (problems of loose cable terminations due to shipment rectified during system power checks)
		2-Dec	1	AERI powered up in E-Van from installed leibert UPS
3	AERI			Test AERI (includes calibration?)
		1-Dec	4	Preparations for calibration
		2-Dec	3	AERI under test
		2-Dec	2	Field of view mapping done
		3-Dec	4	Onsite testing complete Dedecker will continue to monitor remotely
4	UPS			Install TSI (#102)
		2-Dec	2	Installed Leibert UPS in E-Van, IP address 198.129.82.40
5	TSI			Install TSI (#102)
6	TSI			Power up TSI
		30-Nov	4	TSI #105 temporarily installed outside I-Van, Vic Morris contacted to perform system checks, reference Facility Contact WorkSheet CS-2004-0501
		2-Dec	4	TSI #105 remains under test until verification from mentor to install permanently in the field
		7-Dec	4	TSI remains under test until mentor is satisfied that unit can be installed permanently

