

Manus USDoE ARCS1 - SPARES LISTING as at 20/10/2003

Matl. N° (SAP)	Description	Establishment	Quantity on hand	Quantity used
Compressor				
505124	Compressor Oil	4	6	1
NIV	Compressor belt V Belt A49	1	1	
454256	Compressor head gasket	2	1	
454387	Head compressor - c/w suction and discharge valve	1	2	
454395	Bearing roller tapered, compressor drive end	1	1	
454416	Bearing roller tapered, compressor drive end	1	1	
454299	Cylinder, compressor	1	1	
451434	Disc, suction valve	1	1	
451422	Disc, discharge valve	1	1	
454256	Gasket, compressor head	2	0	
454280	Gasket, compressor inspection cover	1	2	
454264	Gasket, crankshaft bearing plate	1	1	
454272	Gasket, compressor cylinder to crankcase	1	2	
451389	Gasket, round - bumper plate compressor suction valve	1	1	
451370	Gasket, round - setscrew compressor discharge valve	1	1	
451397	Gasket round - compressor suction valve cover	1	2	
451418	Gasket round - compressor discharge valve cover	1	1	
453202	Gasket round - compressor discharge valve seat	1	1	
453157	Nut, dome - compressor discharge valve	1	1	
453288	Compressor discharge valve assembly complete	1	1	
453261	Compressor suction (inlet) valve assembly complete	1	2	
454328	Seal, plain - compressor drive shaft	1	1	
453296	Seat, valve - compressor discharge	1	2	
451426	Setscrew - compressor discharge valve	1	1	
454379	Shim 0.005" - compressor cover plate	1	2	
454344	Shim 0.010" - compressor cover plate	1	1	
454360	Shim - compressor connecting rod	2	2	
454301	Spring, helical compression -compressor discharge valve	1	2	
459700	Filter compressor coalescing	4	4	1
451450	Valve reed- compressor discharge valve	0	1	
451469	Valve reed- compressor suction valve	0	1	
453317	Bolt internally relieved body - suction valve cover	0	1	
453309	bolt internally relieved body - discharge valve cover	0	1	
454336	Spacer ring - compressor bearing cover plate	0	1	
451442	Disc - discharge valve	0	4	

Gas Analyser				
506538	Gas analyser	1	1	
505761	Aspirator bulb	2	2	
505593	Tubing neoprene	2M	2M	
505591	Filter material aspirator assembly	1	2	
506537	Cell micro-fuel	1	2	
	Gas analyser batteries		1 set	
Gas Supply				
	Regulator Fairchild 10243NT	1	2	
	Regulator Fairchild Hydrogen commercial gas	1	1	
Cells				
505873	Sight tube replacement	3	2	
505726	O' ring vent tubes	15	18	
505074	Tube vent	5	5	
505757	O' ring O2 sampling ports	10	10	
505804	Plug blanking gas manifolds	2	2	
505803	Nut blanking gas manifolds	2	2	
505138	Cable electrical cell jumper leads	2	2	
500414	Tape vulcanising	2	2	
505490	Hydrometer	2	2	
b	Cell assembly complete	2	1	
505141	KOH	10kg	heaps	
Safety Equipment				
505791	Full face respirator	1	1	
505792	Fume cartridge	1	1	
505793	Coveralls white	2	2	
500195	Rubber gloves gauntlet	1	2	
505545	Vinegar	25lt	3	1/2lt
500198	Goggles	2	1	
	Apron	1	1	
500428	Visor faceshield	1	1	
	Electrolyte mixing container, 50 litre	1	1	
	Coveralls, chemical protective	2	1	
	Gas mask (no filter)	1	1	
Miscellaneous				
503659	Tape gas sealing	1	1	
506243	Thread sealing compound	1	1	
505722	1/2" st. st. inserts	10 sets	27 sets	

505697	3/8" st. st. inserts	10 sets	10 sets	
Water Supply				
463427	Sleeve compression - St. St. 1/4" tube	5	0	
462731	Sleeve compression - St. St. 3/8" tube	5	10	
505119	Filter demineralising	4	3	2
506503	Filter element fluid - fibre cylindrical w/o container	4	1	1
	Water pump, Davey XP350H	1	0	
Manometer				
	Manometer dye	1	0	
	3/8" plastic tubing	1M	1M	
504620	Syringe	2	3	
Electrical Controls				
	Regulator control module	1	1	
	Relay magnetic 12VDC - control module	1	1	
	Fuse diode 250 LMT	3	4	
	Diode silicon power Semikron SKN 130/04	3	5	
	diode silicon power Semikron SKR 130/04	3	4	1
	Filter air	4	3	1
	Lamp, incandescent	5	9	1
505501	Current potentiometer	1	1	
	Resistor variable wirewound - 10K 10% 25W	1		
	Control module, current monitoring c/w regulator	1		
	Fuse current limiting indicating - 150 amp 240 volt	4		
	Fuse cart fast acting - current limiting 5 amp 600 volt	2		
	Allan Bradley indicator light assembly- front panel	1		
	coil for K1/K2 contactor	1		
	Fan complete	0	0	
Remote Balloon Launcher				
	RBL release cable	1	1	
505883	RBL warning light	1	1	
	RBL blower fan	1	0	
	Lamp fluoro RBL light	2	2	
506240	RBL leak testing hose c/w gauge	1	1	
	RBL balloon destructor	1	1	
	Release table hydrogen hose	1	0	
505911	RBL gas nozzle assembly	6	3	
505912	RBL bung nozzle point	10	10	
504174	RBL filler nozzle 'O' ring	10	10	

504213	RBL gas regulator 'O' ring	5	5	
506218	RBL lamp warning light	1	1	
506204	Strap- inhibitor string unwinder	5	1	
	Cord - inhibitor string unwinder	5	5	
	Block - inhibitor string unwinder	5	3	
	RBL - Gas bleed kit	1	1	
	Light - Ballast	1	1	

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