

Manus USDoE ARCS1 - SPARES LISTING as at 9/Aug/2004

Matl. N° (SAP)	Description	Establishment	Quantity on hand	Quantity used	Replenishment	Action taken
<b>Compressor</b>						
505124	Compressor Oil	4	5	1	nil	
NIV	Compressor belt V Belt A49	1	1		nil	
454256	Compressor head gasket	2	1		nil	
454387	Head compressor - c/w suction and discharge valves	1	2		nil	
454395	Bearing roller tapered, compressor drive end	1	1		nil	
454416	Bearing roller tapered, compressor drive end	1	1		nil	
454299	Cylinder, compressor	1	1		nil	
451434	Disc, suction valve	1	1		nil	
451422	Disc, discharge valve	1	1		nil	
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			
454244	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	nil	
451450	Valve reed - compressor discharge valve	0	1			
451499	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			
<b>Gas Analyser</b>						
505838	Gas analyser	1	1		nil	
505761	Aspirator bulb	2	2		nil	
505593	Tubing neoprene	2M	2M		nil	
505591	Filter material aspirator assembly	1	2		nil	
506537	Cell micro-fuel	1	2		nil	
	Gas analyser batteries		1 set			
<b>Gas Supply</b>						
	Regulator Fairchild 10243NT	1	2			
	Regulator Fairchild Hydrogen commercial gas	1	1			
<b>Cells</b>						
505873	Sight tube replacement	3	2		nil	
505726	O ring vent tubes	15	18		nil	
505074	Tube vent	5	5		nil	
505757	O ring O2 sampling ports	10	10		nil	
505804	Ring blanking gas manifolds	2	2		nil	
505803	Nut blanking gas manifolds	2	2		nil	
505138	Cable electrical cell jumper leads	2	2		nil	
506414	Tape vulcanising	2	2		nil	
505490	Hydrometer	2	2		nil	
	Cell assembly complete	2	1		nil	
505141	KOH	10kg	heaps		nil	
<b>Safety Equipment</b>						
505791	Full face respirator	1	1		nil	
505792	Fume cartridge	1	1		nil	
505793	Coveralls white	2	2		nil	
506195	Rubber gloves gauntlet	1	2		nil	
505545	Vinegar	25lt	3	1/2lt	2lt	Purchase locally
506198	Goggles	2	1		nil	
	Apron	1	1		nil	
506428	visor faceshield	1	1		nil	
	Electrolyte mixing container, 50 litre	1	1			
	Coveralls, chemical protective	2	1			
	Gas mask (no filter)	1	1			
<b>Miscellaneous</b>						
506859	Tape gas sealing	1	1		nil	
506243	Thread sealing compound	1	1		nil	
505722	1/2" st. st. inserts	10 sets	27 sets		nil	
505697	3/8" st. st. inserts	10 sets	10 sets		nil	
<b>Water Supply</b>						
463427	Sleeve compression - St. St. 1.4" tube	5	0		nil	
462751	Sleeve compression - St. St. 3/8" tube	5	10			
505119	Filter demineralising	4	3		nil	
506503	Filter element fluid - fibre cylindrical w/o container	4	4	1	nil	
	Water pump, Davey XP350H	1	0		nil	
<b>Manometer</b>						
	Manometer dye	1	0		nil	
	3/8" plastic tubing	1M	1M		nil	
504620	Syringe	2	3		nil	
<b>Electrical Control</b>						
	Regulator control module	1	1		nil	
	Relay magnetic 12VDC control module	1	1		nil	
	Fuse diode 250 LMF	3	4		nil	
	Diode silicon power Semikron SKN 13004	3	5		nil	
	diode silicon power Semikron SKR 13004	3	1	1		
	Filter air	4	2	1	nil	
	Lamp, incandescent	5	9		nil	
505501	Current potentiometer	1	1		nil	
	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			
<b>Remote Balloon Launcher</b>						
	RBL release cable	1	1		nil	
505883	RBL warning light	1	1		nil	
	RBL blower fan	1	0		nil	
	Lamp fluoro RBL light	2	2		nil	
506240	RBL leak testing hose c/w gauge	1	1		nil	
	RBL balloon destructor	1	1		nil	
	Release table hydrogen hose	1	0		nil	
505911	RBL gas nozzle assembly	6	3		nil	
505912	RBL bung nozzle point	10	10		nil	
504174	RBL filter nozzle O ring	10	10		nil	
504213	RBL gas regulator O ring	5	5		nil	
506218	RBL lamp warning light	1	1		nil	
506204	Strap- inhibitor string unwinder	5	5		nil	
	Cord - inhibitor string unwinder	5	5		nil	
	Block - inhibitor string unwinder	5	3		nil	
	RBL - Gas bleed kit	1	1		nil	
	Light - Ballast	1	1		nil	