

Critical Spares List

CRIT-No Reference	Store Location	Minimum stock level	Equipment reference	Part Description	Manufacturer's part number
CRIT-002	1C	2	Afterburner	ASCO Pilot light gaspipe solenoid	NFETE210C94-104
CRIT-003	2B	1	Afterburner	WIKA pressure gauge - model = 213.53.100 Psi - 1/4 NPT 9692164	9577246
CRIT-004	2C	1	Afterburner	Afterburner atomising air valve	uk170605060322
CRIT-005	2C	1	Afterburner	Cooling/secondary air valve	
CRIT-006	2C	1	Afterburner	Fuel supply valve	
CRIT-013	5C	3	Afterburner	Afterburner flame detector	85UVF1-1QD
CRIT-009	5C	2	Afterburner	Afterburner Igniter	
CRIT-010	5C	1	Afterburner	Burner lance [1 x NEW 1 x USED]	
CRIT-011	5C	1	Afterburner	Afterburner Transformer SPG1A	98.5016-00
CRIT-012	5C	2	Afterburner	Afterburner flame detector - Mount/fixing plate	
CRIT-095	1C	1	Baghouse	Heater	
CRIT-096	1C	1	Baghouse	Thyristor	EY3-105
CRIT-079	2C	12	Baghouse	Blowdown Bulk head Goyen fittings	BH45SS
CRIT-080	2C	60	Baghouse	Blowdown Goyen seals - [VITON]-	G690864-2
CRIT-081	2C	1	Baghouse	Vibrator unit VC9 [51466 + 51467]	
CRIT-082	2C	6	Baghouse	Goyen blow down valves	RCA45FS010
CRIT-083	2C	10	Baghouse	Nitrile seal kit	K4502
CRIT-084	2C	1	Baghouse	Bag filter blowdown diaphragm pressure switch 505bar	1381
CRIT-085	2C	10	Baghouse	ASCO baghouse blowdown valves 5 X NEW - 4 X USED	G551A017MS
CRIT-086	2C	1	Baghouse	Bypass valve switch sp1551	SP1551

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CRIT-087	2C	1	Baghouse	Vibrator unit VC11 - serial number = 58677+58678+58679+58680+5861+58681	
CRIT-088	3A	2	Baghouse	Telemecanique heating valve (X2V20503) limit switch	XCKP2118P16
CRIT-089	3A	1	Baghouse	Clevis pin for PRA182100/M/340	QM8080/25
CRIT-090	3A	1	Baghouse	Ram mount for PRA182100/M/340	QA/8100/22
CRIT-091	3A	1	Baghouse	Baghouse front valve limit switch body	ZCP21
CRIT-092	3A	1	Baghouse	Baghouse front valve limit switch lever	ZCY18
CRIT-093	3C	140	Baghouse	Bag Filters	
CRIT-151	4B	2	Bin lift	SKF Bearing	SY508M
CRIT-152	4B	2	Bin lift	Clamping element RCK80-40 X 53	4280040
CRIT-153	4B	8	Bin lift	Bearing	FAG63005-A-2RSR
CRIT-154	4B	12	Bin lift	Internal retaining clip	INT55
CRIT-016	1A	3	Bin wash	Heating element [new type]	HBV12/14ASZP/2T
CRIT-014	1A	1	Bin wash	Gearbox for bin wash rotation	
CRIT-015	1A	1	Bin wash	Bin wash rotation drive motor BROOK CROMPTON	071B189207
CRIT-017	1A	1	Bin wash	Door switch Allen Bradley	440k-T11341
CRIT-018	1A	1	Bin wash	Level switch	RFS-12P SUS304
CRIT-019	1A	1	Bin wash	XYLEM seal kit bin wash	KL01ABF
CRIT-020	1A	1	Bin wash	XYLEM seal kit bin wash	KL01AAN
CRIT-021	1A	1	Bin wash	Float valve [straight arm]	
CRIT-022	1A	1	Bin wash	Float for above float valve	D1045
CRIT-023	1A	1	Bin wash	Bin Wash Top Dead Centre Switch [Allen Bradley]	440N-G02044
CRIT-124	4B	6	Burner	Burner fuel pump Kiln	Suntec 21600
CRIT-125	4B	2	Burner	Fan drive rods [PUMP COUPLNG] 1 x kiln 4 x Hoval	
CRIT-126	4B	6	Burner	Burner HT leads	
CRIT-127	4B	4	Burner	Burner electrodes	
CRIT-128	4B	2	Burner	Burner switches [SIEMENS]	LM024.111B2

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CRIT-129	4B	2	Burner	Burner power plugs (10 way/assembly side entry/10 A 440 Vac)	445-649
CRIT-130	4B	2	Burner	Burner ignition transformers	TRS1020/1
CRIT-131	4B	8	Burner	HT lead connectors [male + female]	12 male 10 female
CRIT-132	4B	1	Burner	Reed switch	
CRIT-133	4B	8	Burner	Burner flame detectors -Photo resistive flame detector	QRBIA-A150B70A2
CRIT-134	4B	8	Burner	Burner flame detectors fixing kits	
CRIT-135	4B	1	Burner	Burner fan	
CRIT-136	4B	1	Burner	Pump coil	2580402
CRIT-137	4B	8	Burner	Kiln/Hoval burner snap connector - M	BVHN4-4RP
CRIT-138	4B	8	Burner	Kiln/Hoval burner snap connector - F	BVHC4-4RP
CRIT-044	1C	2	Caustic tank	Dellmeco caustic pump --- serial number - C5416 + C5418	DM15/55 PTT
CRIT-045	1C	1	Caustic tank	Dellmeco Diaphragm set	TFM/PTFE
CRIT-143	4B	2	Chain	Roller chain (large) Kiln drive	20B-1
CRIT144	4B	4	Chain	Roller chain (small) Kiln bin loader	
CRIT-145	4B	4	Chain	Bin lift chain link	12-B-1
CRIT-146	4B	4	Chain	Rotary kiln chain STD FULL link	20B-1 RN CL11
CRIT-147	4B	4	Chain	Bin lift Drive Sprocket	12B1B20
CRIT-148	4B	2	Chain	Bin lift Drive Sprocket	3/4-20 7071
CRIT-150	4B	2	Chain	Bin lift chain	10B-1
CRIT-149	4B	2	Chain	Rotary kiln chain HALF link	20B-1 RN CL11
CRIT-205	6C	2	Compressor Rm	Quench pulsation damper - accumulators [36 bar]	332-10
CRIT--061	1C	1	Electrical spares	Burkett solenoid valve (general) type 770/780	0780 T NBR
CRIT-062	1C	1	Electrical spares	Pump room pressure switch 100 series	H100-191
CRIT-063	1C	2	Electrical spares	BURKERT Hoval isolation valve ---- 00041107	41107

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CRIT-064	1C	1	Electrical spares	BURKERT Hoval fuel valve ---- 00308686	308686
CRIT-046	1C	2	Endress/hauser	Endress and Hauser Primary/secondary air flow meter	FIC10101/FIC40307
CRIT-047	1C	1	Endress/hauser	Endress and hauser Afterburner fuel flow meter	FT10101
CRIT-048	1C	2	Endress/hauser	Endress and Hauser Caustic Flow meter = 10P40-ELCAIAA0A4AA	FT10701 + FT10702
CRIT-049	1C	1	Endress/hauser	Endress and hauser Afterburner DP gauge	PIC40301
CRIT-050	1C	1	Endress/hauser	Endress and Hauser Ceraphant T -1 - 1 bar	52021792
CRIT-051	1C	1	Endress/hauser	Endress and Hauser Ceraphant T 0 - 100 bar	52021792
CRIT-052	1C	1	Endress/hauser	Flowphant T 0.03-3 m/s	
CRIT-053	1C	1	Endress/hauser	Fuel pressure meter 0 - 10 Bar	PSL10103
CRIT-055	1C	1	Endress/hauser	CERAPHANT = -1 ---- 100 bar	71239726
CRIT-054	1C	1	Endress/hauser	LIQUIPHANT M 400mm serial number N7064901027	943491-900
CRIT-056	1C	1	Endress/hauser	Liquipoint T FTW31-DIA2AA8A	52013828
CRIT-057	1C	2	Endress/hauser	DELTA PILOT M - 3200mm FMB52-RUJ1/0	71086206
CRIT-058	1C	2	Endress/hauser	DELTA PILOT M - 5000mm FMB52-1JF7/0	71086206
CRIT-059	1C	2	Endress/hauser	DELTA PILOT M - 2400mm FMB52-RUH0/0	71086206
CRIT-060	1C	2	Endress/hauser	Ceraphant 71239726	71239726
CRIT-026	1A	2	F/T Farm	TOP GEAR - Fuel pump	009 02V-NF-OO-N
CRIT-024	1A	1	F/T Farm	Float for Scrubber level gauge	ART - 36223/20
CRIT-025	1A	11	F/T Farm	Viton seals/orings for fuel filters	
CRIT-027	1A	1	F/T Farm	SPX fuel pump pressure release valve = 8Bar	R16-G15
CRIT-028	1A	12	F/T Farm	SPX fuel pump pressure release valve [gaskets]	
CRIT-029	1A	10	F/T Farm	SPX fuel pump pressure release valve [Bolts]	
CRIT-030	1A	1	F/T Farm	Pressure transmitter switch for tank farm fuel line [afterburner]	797-0940
CRIT-032	1A	1	F/T Farm	Shaft Coupling Hub	L100HUB/PB-FEN
CRIT-033	1A	1	F/T Farm	Shaft Coupling Hub	L100HUB/PB-FEN
CRIT-034	1A	1	F/T Farm	Shaft coupling spider	L100EL-FEN

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CRIT-036	1A	1	F/T Farm	Fuel Farm pressure transducer	102-4126
CRIT-161	1C	1	Hoval	Hoval DP pressure sensor COMHAS	BV1 14ATEX0072
CRIT-159	4B	6	Hoval	Burner fuel pump Hoval	550001
CRIT-160	4B	2	Hoval	Glass window for Hoval -- custom cut 5mm	G 5 150 125
CRIT-162	4B	2	Hoval	Glass window gasket tape for Hoval 15mm x 2mtr	
CRIT-065	2A	4	ID fan	ID Fan mounts	PAULSTRADYN 75P
CRIT-066	2A	4	ID fan	ID Fan duct bellows	
CRIT-067	2A	2	ID fan	Flexible joint bellows [Combustion air fan]	
CRIT-068	2A	1	ID fan	Flexible joint [Combustion air]	
CRIT-168	4B	4	Kiln	Kiln loader bearing Axle	
CRIT-174	4B	8	Kiln	Vee rollers	
CRIT-176	4B	2	Kiln	Bearing for Kiln loader roller	FAG 6202-C-2HRS
CRIT-177	4B	2	Kiln	Proximity switch cable for kiln rotation Ni15U/M18-AP6X-H1141	
CRIT-178	4B	1	Kiln	Kiln gear box drive sprocket	1 1/4" Z 12 96
CRIT-181	4B	1	Kiln	Kiln door switch - ALLEN BRADLEY	537-7153
CRIT-182	4B	4	Kiln	Kiln proximity switch Ni15u-m18-AP6X	Ni15u-m18-AP6X
CRIT-183	4B	4	Kiln	Kiln proximity switch	XS930R4PAM12
CRIT-184	6D	1	Kiln	Hydraulic hose silicone sleeving 25mm x 15m	
CRIT-169	4B	2	Kiln Loader	Bi directional hydraulic control valve - HOPPER LID	VRB-1
CRIT-179	4B	10	Kiln/Hoval	Kiln/Hoval door clamps [single lever]	GN.21141
CRIT180	4B	10	Kiln/Hoval	Kiln/Hoval door clamps [double lever]	GN.20741
CRIT-141	4B	8	Limit switch	Limit switch - Kiln Bin lift	
CRIT-142	4B	8	Limit switch	Limit switch - Fire door and ram	GLBC02E7B
CRIT-192	5B	1	Liquid system	Husky 1050 diaphragm pump	
CRIT-193	5B	1	Liquid system	Husky 307 diaphragm pump	
CRIT-194	5B	8	Liquid system	Chemprotec gloves [size 9] No expiry date	SC107/9
CRIT-195	5B	1	Liquid system	AX Air fan --- serial number 019-170418	SA25-LG-4-3XN-S

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CRIT-196	5B	8	Liquid system	Piercan gloves - Butyl 31/10/21	44/23305/8/10m
CRIT-197	5C	1	Oxygen probe	Servomex O2 process box	2730721
CRIT-198	5C	1	Oxygen probe	Servomex O2 analyser	2700
CRIT-199	5C	1	Oxygen probe	Servomex O2 sensor head unit	02700DI
CRIT-200	5C	1	Oxygen probe	Servomex O2 servotough	2700
CRIT-201	5C	1	Oxygen probe	Servomex - ceramic oxygen probe	
CRIT-202	5C	2	PLC	PLC analogue cards 6ES7 321-1BLOO-OAAO	453-2618
CRIT-203	5C	2	PLC	PLC analogue cards 6ES7 332-5HDO1-OABO	453-2551
CRIT-204	5C	2	PLC	PLC analogue cards 6ES7 331-7KFO2-OABO	
CRIT-070	2B	1	Pressure gauge	Pressure gauge FR60031 0-1 bar	4504078433
CRIT-071	2B	4	Pressure gauge	Pressure gauge FR60031 0-10 bar	4504021194
CRIT-072	2B	1	Pressure gauge	Pressure gauge FR60031 0 - 2.5 bar	4504089054
CRIT-073	2B	1	Pressure gauge	Pressure Gauge G63-004RG 0-60 psi - 0-10 bar	G63-004RG
CRIT-074	2B	1	Pressure gauge	BRANNON pressure gauge o-60psi	
CRIT-075	2B	1	Pressure gauge	BRANNON pressure gauge 100mm	324-8491
CRIT-139	3A	6	Proximity switch	Proximity switch for bag house and kiln isolation valves	XS518B1PAM12
CRIT-037	1A	1	Pump seal kits	Graco 1050 rebuild kit	Graco 25A855
CRIT-038	1A	2	Pump seal kits	HUSKY / GRACO 2150 air valve repair kit	236-273
CRIT-039	1A	2	Pump seal kits	HUSKY/GRACO 2150 diaphragm service kit	DOFGGG
CRIT-040	1A	1	Pump seal kits	Husky / GRACO 515 repair kit	D05966
CRIT-041	1A	8	Pump seal kits	HUSKY / GRACO 2150 pump Seals	112181
CRIT-042	1A	2	Pump seal kits	HUSKY / GRACO 2150 pump shaft	189304
CRIT-043	1A	2	Pump seal kits	HUSKY / GRACO 2150 ALWITCO silencer	102656
CRIT-239	1C	1	Quench	Samson Valve for quench Return line - serial number -1039	3251-7
CRIT-242	2A	8	Quench	Quench lance [TOP]	
CRIT-241	2A	8	Quench	Quench lance [BOTTOM]	

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CRIT-238	2C	1	Quench	Quench return line valve - Behind afterburner [XV10503]	uk1460418030203
CRIT-216	5C	2	Quench	Taper lock bush.	2012x35-FEN
CRIT-217	5C	2	Quench	UNIK 5000 PRESSURE SENSOR PTX5072-165-5268	746-3492
CRIT-218	6C	4	Quench	REXNORD 30R Nylon cover	10045881
CRIT-219	6C	4	Quench	REXNORD 30R Flex element	10057443
CRIT-220	6C	4	Quench	REXNFORD 30R coupling	10100927
CRIT-221	6C	8	Quench	Vibrational dampers	
CRIT-223	6C	2	Quench	Gearbox plugs	
CRIT-224	6C	2	Quench	Drive couplers	0 E10181.05A
CRIT-225	6C	2	Quench	ERV flow regulator (1/4 BSP/Typ T1000C2800RS/WO 1358842)	211-9386
CRIT-226	6C	2	Quench	ERV NKB I bearing (UCSL209-45m/m)	
CRIT-206	6C	32	Quench	Spray jet diffuser holders	
CRIT-207	6C	32	Quench	Spray jet diffusers (39 x 2 hole) [295 x 3 hole]	260.446.1Y.00.05.0
CRIT-208	6C	32	Quench	Spray jet diffuser washers	095-001-1C-00-06-7
CRIT-209	6C	32	Quench	Nozzle lance tips	260.446.23.00.02.0
CRIT-227	6C	4	Quench	CAT PRV 250 - 1000 Psi	7031-100
CRIT-210	6C	32	Quench	Nozzle retainer nuts	
CRIT-211	6C	4	Quench	Check valves (non-tapered)	PCV-S-08-FF-G
CRIT-212	6C	8	Quench	Burkert Actuator solenoid	
CRIT-213	6C	8	Quench	Actuator	
CRIT-214	6C	8	Quench	Quench actuator star drive	HACTPSA1409
CRIT-215	6C	50	Quench	Quench 1/4 turn valve	
CRIT-228	6C	16	Quench	Non return valves	
CRIT-229	6C	16	Quench	F/F Quench lance coupling [New type] PSU 8G 8G -SWL-SS	2025-2094
CRIT-230	6C	16	Quench	F/M Quench lance fitting [new type] PA-8G-SS -10K 2025-8211	2025-8211
CRIT-231	6C	8	Quench	Burkert actuator solenoid connector 00008376	00008376

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CRIT-245	6C	4	Quench	CAT pump filler cap [o ring]	14177
CRIT-246	6C	6	Quench	CAT pump oil filler cap	43211
CRIT-247	6C	2	Quench	Fenner Drive taper lock 2012	2012 X 48
CRIT-248	6C	2	Quench	Fenner Drive taper lock 2012	2012 X 35
CRIT-249	6C	2	Quench	Non Return Valve DN40 - PN63 - 1.4408	
CRIT-250	6C	3	Quench	3/4" High pressure hose for CAT pump	
CRIT-232	6D	8	Quench	Quench high-pressure hose (1/2" long) M/F [top lance]	
CRIT-233	6D	8	Quench	Quench high-pressure hose (1/2" short) F/F	
CRIT-234	6D	8	Quench	Quench high-pressure hose (1/2" small - M/F)	
CRIT-236	6D	2	Quench	Quench PRV Bypass hose 1"	
CRIT-237	6D	8	Quench	Quench high-pressure hose (1/2" short) F/F	
CRIT-240	1C	1	Quench/AB	Samson control valve [bottom section] unused	1 1/2" CL150
CRIT-097	3A	2	Rams	Reed switch for NORGEN ram	M/50/LSU/5V
CRIT-098	3A	1	Rams	RAM NORGEN baghouse heating [front valve]	PRA182063/M/400
CRIT-100	3A	1	Rams	RAM PRA182080/M/320	
CRIT-106	3A	1	Rams	RAM MCQP-11-125X425 - Emergency relief valve	
CRIT-107	3A	1	Rams	RAM PRA182100/M/340 Bag house heater isolation ram - BACK	PRA182100/M/340
CRIT-156	4B	2	Rotary valve	Rotary valve chain [SD10B1RB]	SD10B1 x 15m
CRIT-157	4B	4	Rotary valve	Rotary valve chain full link set = SD10B1S261 + 10B1CLS	10B1 SD CL26
CRIT-158	4B	4	Rotary valve	Rotary valve chain 1/2 link set = SD10B1S12L + 10B1 OL	10B-1 SD CLR
CRIT-112	1A	2	Scrubber	Demister lance assembly with nozzles	
CRIT-111	2C	1	Scrubber	Scrubber water fill valve	uk1706050600337
CRIT-110	3A	4	Scrubber	Caustic Recycle pump drive couplers (small) rubber doughnuts	F50
CRIT-109	3A	4	Scrubber	Caustic Recycle pump to motor coupler	HTCF050
CRIT-108	3A	4	Scrubber	Caustic Recycle pump to motor coupler taper bush	

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CRIT-113	3A	1	Scrubber	ENDRESS HAUSER Ph probe meter	MC001705G00
CRIT-114	3A	2	Scrubber	ENDRESS HAUSER Ph probe - M907C717WOO + M908C217WOO	CPF81D-7LHII
CRIT-115	3A	1	Scrubber	ENDRESS HAUSER Ph Probe cable	CYK10-A031
CRIT-117	5A	2	Scrubber	Caustic Recycle Flexi link pipe	PN10/16/40 01
CRIT-118	6C	4	Scrubber	Pig Tails -- ARBOCINO GAETANO	EEQ 3165 B31
CRIT-187	4A	4	Thermocouple	Afterburner thermocouple [Endress Hauser]	
CRIT-188	4A	2	Thermocouple	Hoval thermocouple [Endress Hauser]	
CRIT-189	4A	6	Thermocouple	Kiln thermocouple [Endress Hauser] + 3 X used [untested]	
CRIT-190	4A	6	Thermocouple	Quench/Bag house thermocouple [Endress Hauser]	
CRIT-167	4A	2	Thermocouple	Kiln Thermocouple outer sleeve	
CRIT-191	4A	4	Thermocouple	Kiln thermocouple outer sleeve [Hastelloy]	
CRIT-077	1C	1	Valves	Samson valve [Fuel]	DMSP506
CRIT-076	2C	1	Valves	Emergency water valve	ASSY1797
CRIT-035	MEZZ FLOOR	1		Fuel pump motor	
CRIT-031	MEZZ FLOOR	1		Fuel Pump - Kiln/Hoval	
CRIT-078	MEZZ FLOOR	1		Lime Blower fan	
CRIT-094	MEZZ FLOOR	140		Bag Filter Cages	
CRIT-116	MEZZ FLOOR	1		ADDIOX Filter elements [complete set]	
CRIT-119	MEZZ FLOOR	3		Caustic recycle pumps	
CRIT-120	MEZZ FLOOR	3		GP60 Burner Control Panel	

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CRIT-121	MEZZ FLOOR	3		GP60 BURNER	
CRIT-122	MEZZ FLOOR	3		GP30 Burner Control Panel	
CRIT-123	MEZZ FLOOR	3		GP30Burner	
CRIT-155	MEZZ FLOOR	2		Rotary Valve	
CRIT243	MEZZ FLOOR	2		CAT PUMP complete with mounting brackets	
CRIT244	MEZZ FLOOR	2		CAT PUMP Gearbox with motor	
CRIT-164	MEZZ FLOOR	6		Smelting Trays	
CRIT-163	MEZZ FLOOR	6		Refractory lined coffin	
CRIT-165	MEZZ FLOOR	2		Liquid Falling Table	
CRIT-170	MEZZ FLOOR	2		Kiln Seal	
CRIT-171	MEZZ FLOOR	4		Kiln Vessel rollers	
CRIT-172	MEZZ FLOOR	8		Kiln Vessel Roller Bearings	
CRIT-173	MEZZ FLOOR	4		Kiln Vessel Roller Shafts	
CRIT-175	MEZZ FLOOR	2		Kiln roller Sprockets	

