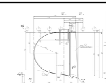

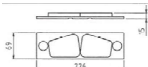
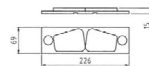

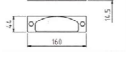


Item No.	Equipment Tag Number (KKS)									Spec No.	Equipment Name	Description of Spare Items	Manufacturer's Part Identification	Qty per two Units		Sketch	Cross Reference Drawing	Frequency of replacement	Remarks			
	Level 0 (Total Plant)	Level 1 (System Code)			Level 2 (Equipment Code)			Level 3 (Component Code)						Qty	(nr., pcs, set, etc)				(See Item 2.11 of Instrm Sht)	(See Item 2.12 of Instrm Sht)	Item No. of CDA	Qty difference from Qty of CDA
	G	F ₀	F ₁ F ₂ F ₃	F ₄	A ₁ A ₂	A ₃	A ₄	A ₅	B ₁ B ₂													
87										67.0402	Sprinkler Nozzle	for dust suppression	pcs	6		TJB56-L3-OFF-C-EAD-P-DGA-0875-0877,Item 9.11.40.42.44_model type:3/8 QJ+QG-SS-14W	Replace upon damage	New Item				
88										67.0402	Slewing pinion	for slew drive	pcs	2			Operating 100000 hours	New Item				
89										67.0402	Bearing of bucket wheel	23164CKKW33C	pcs	2			Operating 80000 hours	New Item				
90										67.0402	Bearing of bucket wheel	23144CKKW33C	pcs	2			Operating 80000 hours	New Item				
91										67.0402	bearing of long travel wheel	22320E (100*215*73)	pcs	4			Operating 80000 hours	New Item				
92										67.0402	circuit breaker	MS132-2.5	pcs	2			10000 operating cycles	New Item				
93										67.0402	circuit breaker	MS132-20	pcs	2			10000 operating cycles	New Item				
94										67.0402	circuit breaker	C14G16, 14*51,	pcs	2			Replace upon damage	New Item				
95										67.0402	Contact	16A/690V	pcs	2				New Item				
96										67.0402	Contact	AF09-30-10-80	pcs	4			10 million operating cycles	New Item				
97										67.0402	Contact	AK09-30-10-80	pcs	4			10 million operating cycles	New Item				
97										67.0402	Contact	A30-30-10 (220VAC)	pcs	4			10 million operating cycles	New Item				
98										67.0402	Contact	A09-30-10 (220VAC)	pcs	6			10 million operating cycles	New Item				
99										67.0402	thermal relay	TA25DU-4,0M	pcs	4			10000 operating cycles	New Item				
100										67.0402	thermal relay	TA25DU-19M (13-21A)	pcs	2			10000 operating cycles	New Item				
101	0	0	EAD	2	AE	303	N/A	N/A	N/A	67.0402	thermal relay	TA25DU-19M (13-21A)	pcs	2			10000 operating cycles	New Item				
102										67.0402	Push Button with light	MP1-11R+MCBH-00+MCB-10+MLBL-07R	pcs	1			Operating 50000 hours	New Item				
103										67.0402	Push Button with light	MP1-11R+MCBH-00+MCB-11+MLBL-07R	pcs	1			Operating 50000 hours	New Item				
104										67.0402	Push Button	MP1-10B+MCBH-00+MCB-10	pcs	4			Operating 50000 hours	New Item				
105										67.0402	Push Button with light	MP1-11G+MCBH-00+MCB-10+MLBL-07G	pcs	1			Operating 50000 hours	New Item				
106										67.0402	Push Button	MP1-10G+MCBH-00+MCB-01	pcs	3			Operating 50000 hours	New Item				
107	0	0	EAD	2	AE	304	N/A	N/A	N/A	67.0402	selection switch	M2SS2-10B+MCBH-00+MCB-10+MCB-01	pcs	2			Operating 50000 hours	New Item				
108										67.0402	selection switch	M3SS1-10B+MCBH-00+2*MCB-10	pcs	3			Operating 50000 hours	New Item				
109										67.0402	limit switch	Z4V7H32-11Y	pcs	2			1 million operating cycles	New Item				
110										67.0402	limit switch	TA09-12Y	pcs	1			1 million operating cycles	New Item				
111										67.0402	proximity switch	NCB50-FR-A2-P1	pcs	2			Replace as demand	New Item				
112										67.0402	intermediate relay(24VDC)	CR-MX024DC2L+CR-M2SF+CR-MH1	pcs	10			1 million operating cycles	New Item				
113										67.0402	intermediate relay(24VDC)	CR-M230AC4LG+CR-M4SS+CR-MH1	pcs	20			1 million operating cycles	New Item				
114										67.0402	Encoder	EVM58N-011ZR0BN-1416	pcs	1			40 billion rotary cycles	New Item				
115										67.0402	Digital input module	1794-IB32	pcs	2			10 years	New Item				
										67.0402	Digital output module	1794-OB32P	pcs	1			10 years	New Item				
										67.0402	fluorescent lamp	TCV057/236	pcs	4			Replace as demand	New Item				
										67.0402	LED Tri-proof light	WT118C LED18 CW PSU 1600	pcs	4			Operating 50000 hours	New Item				
										67.0402	double direction pull cord switch SPS-2D	SPS-2D	sets	2		TJB56-L3-OFF-C-EAD-M-DGA-0326 0327	Replace as demand	New Item				
										67.0402	Bell no switch DB-100	DB-100	sets	2			Replace as demand	New Item				
										67.0402	Contact	A16-30-10 (220VAC)	pcs	6			10 million operating cycles	New Item				
										67.0402	fuse core	C14G10 (14*51, 10A690V)	pcs	2			Replace as demand	New Item				
										67.0402	fuse core	C14G4 (14*51, 4A690V)	pcs	2			Replace as demand	New Item				
										67.0402	fuse core	RT14-20-2A (10*36, 9S, AC690V, 100KA)	pcs	6			Replace as demand	New Item				
										67.0402	Indicator	CL2-823G	pcs	2			Operating 50000 hours	New Item				
										67.0402	Indicator	CL2-823R	pcs	2			Operating 50000 hours	New Item				
										67.0402	Indicator	CL2-823Y	pcs	2			Operating 50000 hours	New Item				
117											Coal Handling System -Ship Unloader											
118										67.0401	Bucket	SM490	2	set			Be decided by working condition	New Item				
119	0	0	EAA	10/20	AU	10/20	N/A	N/A	N/A	67.0401	Bucket Chain		50	pcs			More than 11500 hours	New Item				
120	0	0	EAA	10/20	AU	10/20	N/A	N/A	N/A	67.0401	Brake Lining for bucket elevator		2	set			upon damage	New Item				
121	0	0	EAA	10/20	AU	10/20	N/A	N/A	N/A	67.0401	Brake Lining for bucket elevator slewing		2	set			upon damage	New Item				
122	0	0	EAA	10/20	AU	5/6	N/A	N/A	N/A	67.0401	Brake Lining for boom slewing		4	set			upon damage	New Item				
123	0	0	EAA	10/20	AU	7	N/A	N/A	N/A	67.0401	Brake Lining for boom conveyor		1	set			upon damage	New Item				

Tanjung Jati B Expansion Project
179956.67.0402
Bucket Wheel Stacker Reclaimer
Mechanical Operation and Maintenance Manual



5.3.1.2 Technical Data

Machine Drawings:

Refer to Appendix Drawing

PROJECT DOCUMENT NO.	SUPPLIER DWG/DOC NO.	DWG/DOC TITLE
TJB56-L3-OFF-C-EAD-M-DGA-0301	G340005490	SLEW DRIVE UNIT

5.3.1.3 Maintenance Tasks

SLEW DRIVES			
MAINTENANCE TASK	RECOMMENDED INTERVAL	ISOLATION REQUIRED	REMARKS
INSPECTION			
Check for unusual noise vibration leaks	Every week	No	Refer 5.3.1.4
Check guards	Every 3 Months	No	Refer 5.3.1.4
Check for loose fasteners and tighten	Every 3 Months	Yes	Refer 5.3.1.4
Grease seals	Every 3 Months	Yes	Refer 5.3.1.4
Sample oil	Every 3 Months	Yes	
SERVICING			
Clean	Every 3 Months	No	
Change Oil	Every 12 Months	Yes	Refer 5.3.1.4

5.3.1.4 Maintenance Instructions

For detailed maintenance instructions, please refer to the main Vendor Index in the Vendor Manual.



Danger

Avoid Serious Injury! Before commencing work, ensure all relevant electrical and pressurized system supply points are correctly isolated by a competent and authorised person.