PERTAMINA PATRA NIAGA	LIST	CONST	(PF	NVESTMENT			
Document No.		REV	:	0			
DIAK I CT 40 004 A2	EQUIPMENT LIST	Ş	Sheet I	No.			
BIAK-LST-10-001-A3		Page 1 of 2					

		COMPANY CONTRACTOR PROJECT TITLE LOCATION CONTRACT NO JOB NO	: PT. PP (PEF : Pembangun Terminal Bia	RSERO), Tbk an Dermaga k ak Biak Numfor, I			=uel	
					PT. PERTAN	/INA PA	TRA N	IIAGA
		PERTAMINA PATRA NIAGA			APPROV	/ED		
	SIGN:	R CONSTRUCTION DATE:	ON		APPROV	/ED WITH (СОММЕ	NT
					NOT AP	PROVED		
					DATE	CHECKED	APF	PROVED
					T	1		
0	Issued for Construction	22/05/2024	% ELT	ABP / SM/ TRN ZA	SAW	AFM	ATH	AP
>	DESCRIPTION	DATE	PREPARED	CHECKED	APPROVED			APPROVED
REV	DESCRIPTION	DATE		PP (Persero), RED & SUBMIT				Patra Niaga PPROVED BY

PERTAMINA PATRA NIAGA	LIST	(PP) CONSTRUCTION & INVESTMENT
Document No. REV :	REV : 0	
DIAK LCT 40 004 A2	EQUIPMENT LIST	Sheet No.
BIAK-LST-10-001-A3		Page 2 of 2

REVISION CONTROL SHEET

REV. NO.	DATE	DESCRIPTION
0	22/05/2024	Issued For Construction

DISTRIBUTION ORDER

EXTERNAL ISSUE	PT. PP (Persero) Tbk -	INTERNAL ISSUE
☑ PT. PERTAMINA PATRA NIAGA	⊠ PROJECT MANAGER	☐ LEAD ADMINISTRATION
		☐ LEAD SHE
	☐ CONSTRUCTION MANAGER	
	☐ PROCUREMENT MANAGER	
	□ PROJECT CONTROL MANAGER	
	☐ SHE MANAGER	
	☐ QC MANAGER	
	□ LEAD ENGINEERING	
	☑ LEAD PROJECT CONTROL	



TANK LIST



OWNE	R	: PT. PERTAMINA PA	TRA NIAGA	•				•							DOC.NO.	: BIAK-LST-10	-001-A3						
PROJE	CT	: PEMBANGUNAN D	ERMAGA KAPASI	TAS 50,000 DWT DIFUEL TE	RMINAL	BIAK									REV NO.	:1							
UNIT		:-													DATE	: 1 MARET 202	24						
								Opera	ating	Design		Design		D	imension (m	ım)		Insulation	Insulation Corrosion		Weight (ton)		
No	Tag No.	Description	Service	P&ID No.	Qty	Type	Capacity	Pressure (kg/cm2g)	Temp.	Pressure (kg/cm2g)	Temp.	Length (T/T Vess)	Width (ID Vess)	Height (T/T Vess)	Material	Thickness (mm)	Allowance	Empty	Operating	Test	Remarks		
1	T-35	Sample Collector	Multi Product	BIAK-PID-10-003-A3	1	Atmospheric Tank	4 x 30 L	ATM	30	FOL (Full of Liquid)	60,00	1200	300	400	CS & Concrete	N/A	N/A	Note-1	Note-1	Note-1			
																1							
																+				1			
																					I		
																					1		
Note:				·																			
1	By MEC, Vendo	or to Confirm																					



PUMP LIST



OWN	ER	: PT. PERTAMINA PA	IT. PERTAMINA PATRA NIAGA														-001-A3						
PRO.	JECT	: PEMBANGUNAN DE	RMAGA KAPASI	TAS 50,000 DWT DIFUEL TE	RMINAL BIAK										REV NO. : 1								
UNIT	NIT :- DATE :1 MARET 2024																						
No	Tag No.	Description	Service	P&ID No.	Qty	Туре	Driver	Flowrate (m3/h)	Pressure (kg/cm2g)		Diff. Head (m) NPSHa		(00)	Power (kW)	Mat	erial	Weight (ton)			Remarks			
								(1113/11)	Suction	Discharge		(111)	(-C)		Casing	Impeller	Empty	Operating	Test				
1	P-33	Multi Product Stripping Pump	Multi Product	BIAK-PID-10-003-A3	1	TWIN SCREW PUMP (API 676)	Electrical Motor	10	-0,14	5,2	60	2,90	60	Note-1	CS		Note-1	Note-1	Note-1	ı			
2	P-34	Avtur Stripping Pump	Avtur	BIAK-PID-10-003-A3	1	TWIN SCREW	Electrical	10	-0.2	4 84	60	9.79	60	Note-1	CS	_	Note-1	Note-1	Note-1	_			

N	o Ti	Γag No.	Description	Service	P&ID No.	Qty	Type	Driver	/2/h			Diff. Head (m)				ver (kW)		weight (ton)			Remarks
			,			-			(m3/h)	Suction	Discharge		(m)	(5)		Casing	Impeller	Empty	Operating	Test	
1			Multi Product Stripping Pump	Multi Product	BIAK-PID-10-003-A3	1	TWIN SCREW PUMP (API 676)	Electrical Motor	10	-0,14	5,2	60	2,90	60	Note-1	CS	-	Note-1	Note-1	Note-1	
2		P-34	Avtur Stripping Pump	Avtur	BIAK-PID-10-003-A3	1	TWIN SCREW PUMP (API 676)	Electrical Motor	10	- 0,2	4,84	60	9,79	60	Note-1	CS (Note-1)	-	Note-1	Note-1	Note-1	-
3	F	P-102	Sea Water Fire Pump	Sea Water	BIAK-PID-10-006-A3	1	VERTICAL TURBINE	Diesel Engine	455	0,17	13,99	135	11,81	60	Note-1	Duplex	Duplex	Note-1	Note-1	Note-1	-
Not																					

1 By MEC, Vendor to Confirm



OTHER EQUIPMENT LIST



OWNER	: PT. PERTAMINA PATRA NIAGA	DOC. NO.	: BIAK-LST-10-001-A3
PROJECT	: PEMBANGUNAN DERMAGA KAPASITAS 50,000 DWT DI FUEL TERMINAL BIAK	REV NO.	:1
UNIT	de la companya de la	DATE	: 1 MARET 2024

0																				
									Opera	ting	De	sign		Dimension (mm)		Power		Weight (ton)	
No	Tag No.	Description	Service	P&ID No.	Qty	Type	Capacity	Capacity		Temp. (°C)	Pressure (kg/cm2g)	Temp. (°C)	Length (T/T Vess)	Width (ID Vess)	Height (T/T Vess)	Material	(kW)	Empty	Operating	Test Remarks
1	TWH-01	Tower Hose & Gangway	Multi Product, Avtur, Bio Solar	BIAK-PID-10-003-A3	1 set	Hydraulic	3500 - 50000 Hose Size: H-1 (Multi Product) H-2 (Multi Product) H-3 (Avtur) H-4 (Bio Solar) Flange Rating	DWT = 10" = 10" = 4" = 3" = #150 RF	АТМ	35	Note-2	Note-2	15000	7360	11875	Structure: SS 400 / Bj PHC 400	39 (Note-1)	Note-1	Note-1	Design Load: Platform = 500 kg/m2 Note-1 Gangway = 250 kg/m2 bulwark ladder = 250 kg/m2
2	•	Sodium Hypochlorite Package	Sodium Hypochlorite	BIAK-PID-10-006-A3	1 set	Chemical Dosing Package	2 (Note-3)	LPH	10	30	Note-1	60	2500 (Note-1)	1500 (Note-1)	2200 (Note-1)	SS (Note-1)	0,5 (Note-1)	Note-1	Note-1	Note-1 -

- 1 By MEC, Vendor to Confirm

 2 Design Condition refer to UBC 97 and SNI 1726 2012

 3 Required dosing rate to be advised by Vendor to control Biocide Macrofouling at Suction Sea Water Pump