

MONITORING PEMANCANGAN

No Titik Pancang : SLT-2.
 Jenis Tiang Pancang : MINI PILE 20/20
 Hari/Tanggal : SELASA 11.07.2017
 Waktu Jam : 11.20
 Selesai Jam : 12.29

NO	SKET PANCANG	KOMULATIF PUKULAN	SKET PANCANG	KOMULATIF PUKULAN	KETERANGAN
MIDDLE	10m	491	20m		
	9.5m	382	19.5m		
	9m	341	19m		
	8.5m	309	18.5m		
	8m	276	18m		
	7.5m	244	17.5m		
	7m	214	17m		
	6.5m	185	16.5m		
	6m	159	16m		
	5.5m	133	15.5m		
	5m	114	15m		
	4.5m	102	14.5m		
	4m	89	14m		
	3.5m	75	13.5m		
	3m	62	13m		
	2.5m	51	12.5m		
	2m	42	12m		
	1.5m	34	11.5m	572	
	1m	15	11m	516	
	0.5m	6	10.5m	471	
BOTTOM	0m	1	10m		

DIAL GAUGES RECORDING FORM





Project	RUNWAY BANDARA SAMARANG. B			Elevasi dasar tiang (m)							Sheet
Location	SAMARANG			Pile No.	SLT.02	Elevasi kepala tiang (m)					I
Pile Dia (mm)	300mm			Testing Date	09-08-2017	COL (m)					
Working Load (Ton)	10 K500			Test Load (Ton)	20 TON	Panjang Tiang saat uji (m)					

Date	Time	Load		Dial Gauge Reading					Average	X	Y	Remarks	
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4						
9-08-2017	16.15	0%	0	0.00	0.00	0.00	0.00	0.00				I	
I	CYCLE	16.17	25%	2.5 T	0.10	0.12	0.10	0.14	0.11				
		27		1068 P	0.14	0.12	0.10	0.14	0.12				
		37			0.14	0.12	0.12	0.14	0.13				
		47			0.16	0.14	0.12	0.16	0.14				
		57			0.16	0.14	0.12	0.16	0.14				
		17.07			0.16	0.14	0.12	0.18	0.15				
		17			0.18	0.14	0.12	0.18	0.15				
		17.19	50%	5 T	0.26	0.24	0.20	0.22	0.23				
		29		2137 P	0.26	0.24	0.20	0.22	0.23				
		39			0.26	0.24	0.20	0.22	0.23				
		49			0.28	0.24	0.22	0.24	0.24				
		59			0.28	0.24	0.22	0.24	0.24				
		18.09			0.30	0.24	0.22	0.24	0.25				
		19			0.30	0.24	0.22	0.24	0.25				
		18.21	25%	2.5 T	0.26	0.20	0.18	0.22	0.21				
		31		1068 P	0.24	0.20	0.18	0.22	0.21				
		41			0.24	0.19	0.18	0.20	0.20				
		18.43	0%	0 T	0.10	0.04	0.04	0.10	0.07				
		53		0 P	0.08	0.04	0.04	0.08	0.06				
		19.03			0.08	0.04	0.04	0.08	0.06				
		13			0.08	0.04	0.04	0.08	0.06				
		23			0.08	0.04	0.04	0.08	0.06				
		33			0.08	0.04	0.04	0.08	0.06				
		43			0.08	0.04	0.04	0.08	0.06				

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Pile No. GLT.62		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		   		Sheet
Location		Testing Date		Test Load (Ton)										
Pile Dia (mm)														
Working Load (Ton)														

Date	Time	Load		Dial Gauge Reading					Average	X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4					
19.45	50%	5.5	0.34	0.26	0.20	0.30	0.27					
55		2137R	0.35	0.28	0.20	0.32	0.28					
20.05			0.35	0.28	0.23	0.32	0.29					
20.07	75%	7.5T	0.46	0.38	0.36	0.40	0.40					
17		3206R	0.46	0.42	0.38	0.42	0.42					
27			0.48	0.42	0.38	0.44	0.43					
37			0.48	0.42	0.38	0.44	0.43					
47			0.48	0.42	0.38	0.44	0.43					
57			0.48	0.42	0.38	0.44	0.43					
21.07			0.48	0.42	0.38	0.44	0.43					
21.09	100%	10T	0.66	0.56	0.60	0.62	0.61					
19		4274R	0.66	0.56	0.62	0.62	0.61					
29			0.68	0.58	0.64	0.64	0.63					
39			0.68	0.58	0.66	0.64	0.64					
49			0.68	0.58	0.66	0.66	0.64					
59			0.68	0.58	0.66	0.66	0.64					
22.09			0.68	0.58	0.66	0.66	0.64					
22.11	75%	7.5T	0.61	0.50	0.60	0.59	0.57					
21		3206R	0.60	0.49	0.59	0.59	0.56					
31			0.60	0.49	0.58	0.59	0.56					
22.33	50%	5T	0.53	0.43	0.48	0.48	0.48					
43		3206R	0.50	0.42	0.39	0.48	0.43					
53			0.50	0.41	0.31	0.46	0.41					

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)								Sheet	
Location		Pile No.	4LT.62	Elevasi kepala tiang (m)							
Pile Dia (mm)		Testing Date		COL (m)							
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)							

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	19.45	50%	5.5	0.34	0.26	0.20	0.30	0.27			II
	55		2137P	0.35	0.28	0.20	0.32	0.28			
	20.05			0.35	0.28	0.23	0.32	0.29			
	20.07	75%	7.5	0.46	0.38	0.36	0.40	0.40			
	17		3206P	0.46	0.42	0.38	0.42	0.42			
	27			0.48	0.42	0.38	0.44	0.43			
	37			0.48	0.42	0.38	0.44	0.43			
	47			0.48	0.42	0.38	0.44	0.43			
	57			0.48	0.42	0.38	0.44	0.43			
	21.07			0.48	0.42	0.38	0.44	0.43			
	21.09	100%	10.5	0.66	0.56	0.60	0.62	0.61			
	19		4274P	0.66	0.56	0.62	0.62	0.61			
	29			0.68	0.58	0.64	0.64	0.63			
	39			0.68	0.58	0.66	0.64	0.64			
	49			0.68	0.58	0.66	0.66	0.64			
	59			0.68	0.58	0.66	0.66	0.64			
	22.09			0.68	0.58	0.66	0.66	0.64			
	22.11	75%	7.5	0.61	0.50	0.60	0.59	0.57			
	21		3206P	0.60	0.49	0.59	0.59	0.56			
	31			0.60	0.49	0.58	0.59	0.56			
	22.33	50%	5.5	0.53	0.43	0.48	0.48	0.48			
	43		3206P	0.50	0.42	0.39	0.48	0.43			
	53			0.50	0.40	0.31	0.46	0.41			

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

Project		Elevasi dasar tiang (m)											
Location		Pile No.	SLT.02	Elevasi kepala tiang (m)								Sheet	
Pile Dia (mm)		Testing Date		COL (m)									
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)									

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	22.55	0%	0.T	0.30	0.14	0.14	0.32	0.22			
	23.05		0.P	0.30	0.12	0.12	0.32	0.21			
	15			0.30	0.12	0.12	0.32	0.21			
	25			0.28	0.12	0.12	0.30	0.20			
	35			0.28	0.12	0.12	0.28	0.20			
	45			0.28	0.10	0.10	0.28	0.19			
	55			0.28	0.10	0.10	0.28	0.19			
	23.57	50%	5.T	0.44	0.34	0.32	0.40	0.37			III
	00.07		2137.P	0.44	0.34	0.32	0.42	0.38			
	17			0.44	0.34	0.32	0.42	0.38			
	00.19	100%	10.T	0.76	0.66	0.76	0.68	0.71			
	29		4274.P	0.76	0.67	0.78	0.69	0.73			
	39			0.80	0.68	0.80	0.70	0.74			
	00.41	125%	12.5.T	1.20	0.84	1.06	0.96	1.01			
	51.01		5343	1.22	0.85	1.07	0.98	1.03			
	01.01			1.23	0.86	1.08	0.99	1.04			
	11			1.24	0.86	1.09	1.00	1.05			
	21			1.24	0.86	1.09	1.00	1.05			
	31			1.24	0.86	1.09	1.00	1.05			
	41			1.24	0.86	1.09	1.00	1.05			
	01.43	150%	15.T	1.50	1.04	1.40	1.60	1.38			
	53		6412.P	1.53	1.08	1.37	1.64	1.40			
	02.03			1.55	1.10	1.38	1.68	1.43			
	13			1.57	1.12	1.39	1.68	1.44			
	23			1.57	1.12	1.39	1.68	1.44			
	33			1.57	1.12	1.39	1.68	1.44			
	43			1.57	1.12	1.39	1.68	1.44			

Tested by: Geotech Efathama		Witness by (1):		Witness by (2):	
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DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		Sheet	
Location	Pile No.	Testing Date	Test Load (Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks
02.45	125%	12.5.T	1.38	0.99	1.27	1.53	1.29				
55		5343.P	1.38	0.99	1.27	1.53	1.29				
03.05			1.38	0.99	1.27	1.53	1.29				
03.07	100%	10.T	1.18	0.79	1.10	1.31	1.09				
17		4274.P	1.18	0.79	1.10	1.31	1.09				
27			1.18	0.79	1.10	1.31	1.09				
03.29	50%	5.T	0.88	0.53	0.97	1.09	0.87				
39		2137.P	0.87	0.51	0.95	1.07	0.85				
49			0.86	0.50	0.93	1.07	0.84				
03.51	0%	0.T	0.52	0.24	0.61	0.73	0.52				IV
04.01		0.P	0.50	0.21	0.58	0.70	0.50				
11			0.48	0.18	0.57	0.68	0.48				
21			0.48	0.18	0.57	0.67	0.48				
31			0.48	0.18	0.57	0.67	0.48				
41			0.48	0.18	0.57	0.67	0.48				
51			0.48	0.18	0.57	0.67	0.48				
04.53	50%	5.T	0.73	0.47	0.81	0.98	0.75				
05.03		2137.P	0.73	0.47	0.81	0.98	0.75				
13			0.73	0.47	0.81	0.98	0.75				
05.15	100%	10.T	1.00	0.62	0.98	1.15	0.94				
25		4274.P	1.00	0.63	0.98	1.15	0.94				
35			1.00	0.63	0.98	1.15	0.94				
05.37	150%	15.T	1.74	1.15	1.51	1.75	1.54				
47		6412.P	1.74	1.15	1.51	1.75	1.54				
57			1.74	1.15	1.51	1.75	1.54				





Tested by: Geotech Efathama

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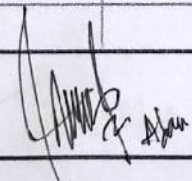
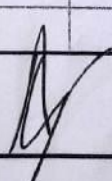
Witness by (2):

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAM

















Project		Elevasi dasar tiang (m)								   		Sheet
Location		Pile No.	SLT.02	Elevasi kepala tiang (m)								
Pile Dia (mm)		Testing Date		COL (m)								
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)								

Date	Time	Load		Dial Gauge Reading					Average	X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4					
05.09	17.58	17.5.7	2.02	1.28	1.84	1.46	1.65					
06.09		7480.8	2.02	1.28	1.84	1.46	1.65					
06.09			2.02	1.30	1.86	1.48	1.66					
29			2.04	1.30	1.86	1.50	1.67					
39			2.04	1.30	1.86	1.50	1.67					
49			2.04	1.32	1.88	1.50	1.68					
59			2.04	1.32	1.88	1.50	1.68					
07.01	200%	20T	2.96	1.92	2.90	2.04	2.45					
11		8549.8	3.08	1.92	3.02	2.04	2.51					
21			3.08	1.92	3.02	2.04	2.51					
31			3.08	1.92	3.04	2.04	2.51					
41			3.10	1.94	3.04	2.06	2.53					
51			3.10	1.94	3.06	2.06	2.53					
08.01			3.10	1.94	3.06	2.06	2.53					
11			3.14	1.96	3.08	2.08	2.56					
21			3.18	1.98	3.10	2.12	2.59					
31			3.22	2.00	3.12	2.14	2.62					
41			3.22	2.00	3.14	2.16	2.63					
51			3.22	2.04	3.17	2.16	2.64					
09.01			3.24	2.06	3.24	2.16	2.67					
10.01			3.24	2.08	3.28	2.16	2.69					
11.01			3.30	2.08	3.28	2.16	2.70					
12.01			3.30	2.08	3.28	2.16	2.70					
13.01			3.30	2.08	3.28	2.16	2.70					
14.01			3.30	2.10	3.28	2.16	2.71					
15.01			3.30	2.10	3.28	2.16	2.71					
16.01			3.32	2.12	3.28	2.16	2.72					
17.01			3.32	2.12	3.28	2.16	2.72					
18.01			3.32	2.12	3.28	2.16	2.72					
19.01			3.32	2.12	3.28	2.16	2.72					

Tested by: Geotech Efathama		Witness by (1):		Witness by (2):	
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DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Pile No.		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		   		Sheet
Location		Testing Date		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		   		VI
Pile Dia (mm)		Test Load (Ton)		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		   		VI
Working Load (Ton)		Test Load (Ton)		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		   		VI

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
19.03	150%	15.T	2.60	1.90	2.52	1.89	2.22				
13		6412.8	2.60	1.90	2.51	1.89	2.22				
23			2.60	1.90	2.51	1.89	2.22				
33			2.60	1.90	2.51	1.89	2.22				
43			2.58	1.90	2.51	1.88	2.21				
53			2.58	1.89	2.51	1.88	2.21				
20.03			2.58	1.89	2.51	1.88	2.21				
20.04	100%	10.T	2.12	1.70	2.02	1.70	1.88				
15		4974.8	2.04	1.68	1.96	1.67	1.83				
25			2.04	1.68	1.96	1.67	1.83				
35			2.04	1.68	1.94	1.67	1.83				
45			2.04	1.68	1.94	1.67	1.83				
55			2.04	1.68	1.94	1.67	1.83				
21.05			2.04	1.68	1.94	1.67	1.83				
21.07	50%	5.T	1.54	1.46	1.44	1.42	1.46				
17		2137.8	1.54	1.44	1.44	1.40	1.45				
27			1.54	1.44	1.44	1.40	1.45				
37			1.54	1.44	1.44	1.40	1.45				
47			1.54	1.44	1.44	1.40	1.45				
57			1.54	1.44	1.44	1.40	1.45				
22.07			1.54	1.44	1.44	1.40	1.45				

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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MONITORING PEMANCANGAN

No Titik Pancang : SLT -1.
 Jenis Tiang Pancang : MIN PAU 30x30
 Hari/Tanggal : Rabu - 12. 07. 2017.
 Mulai Jam : 09.06.
 Selesai jam : 13:48

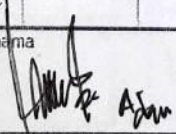

NO	SKET PANCANG	KOMULATIF PUKULAN	SKET PANCANG	KOMULATIF PUKULAN	KETERANGAN
MIDDLE	10m	262	20m		
	9.5m	242	19.5m		
	9m	224	19m		
	8.5m	207	18.5m		
	8m	194	18m		
	7.5m	183	17.5m		
	7m	171	17m		
	6.5m	160	16.5m		
	6m	148	16m		
	5.5m	128	15.5m		
	5m	118	15m		
	4.5m	102	14.5m		
	4m	90	14m		
	3.5m	76	13.5m		
	3m	60	13m		
	2.5m	46	12.5m		
	2m	37	12m	488	100%
	1.5m	18	11.5m	386	
	1m	10	11m	332	
	0.5m	4	10.5m	291	
BOTTOM	0m	1	10m		

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Runway Bandara S.B		Elevasi dasar tiang (m)									
Location		Samarinda		Elevasi kepala tiang (m)									
Pile Dia (mm)		20 cm		COL (m)									
Working Load (Ton)		10 kg		Panjang Tiang saat uji (m)									
Testing Date		07-08-2017											
Test Load (Ton)		20 ton											

Date	Time	Load		Dial Gauge Reading						X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average				
07-08-2017	14.13	0%	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	14.15	25%	2.50	0.06	0.18	0.02	0.10	0.09	0.19	0.20		
	25		1068 P	0.06	0.20	0.02	0.14	0.10	0.19	0.21		
	35			0.06	0.22	0.02	0.14	0.11	0.19	0.21		
	45			0.08	0.22	0.04	0.14	0.12	0.19	0.21		
	55			0.10	0.26	0.04	0.16	0.14	0.20	0.22		
	15.05			0.12	0.26	0.04	0.16	0.14	0.21	0.22		
	15			0.12	0.26	0.04	0.16	0.14	0.21	0.22	0.21	
	15.17	50%	5.00	0.18	0.48	0.16	0.42	0.31	0.40	0.38		
	27		2137 P	0.20	0.50	0.22	0.48	0.35	0.43	0.40		
	37			0.20	0.50	0.22	0.50	0.35	0.43	0.41		
	47			0.20	0.50	0.22	0.50	0.35	0.43	0.41		
	57			0.21	0.51	0.24	0.54	0.37	0.43	0.41		
	16.07			0.21	0.52	0.24	0.54	0.37	0.43	0.41		
	17			0.21	0.52	0.24	0.54	0.37	0.43	0.41	0.42	
	16.19	75%	7.50	0.28	0.68	0.50	0.84	0.57	0.78	0.50		
	29		32.06 P	0.30	0.70	0.54	0.91	0.61	0.79	0.53		
	39			0.32	0.72	0.60	0.98	0.62	0.81	0.55		
	49			0.32	0.72	0.60	0.98	0.62	0.81	0.55		
	59			0.32	0.72	0.60	0.98	0.62	0.81	0.55		
	17.09			0.32	0.72	0.60	0.98	0.62	0.81	0.55		
	19			0.32	0.72	0.60	0.98	0.62	0.81	0.55	0.63	
	17.21	100%	10.00	0.48	0.94	1.22	1.60	1.06	1.38	0.68		
	31		4272 P	0.52	0.96	1.26	1.64	1.09	1.42	0.71		
	41			0.58	1.02	1.38	1.70	1.17	1.49	0.81		
	51			0.58	1.02	1.42	1.75	1.19	1.50	0.83		
	18.01			0.58	1.02	1.46	1.80	1.21	1.57	0.83		
	11			0.58	1.06	1.46	1.80	1.22	1.57	0.84		
	21			0.58	1.06	1.46	1.80	1.22	1.57	0.84	1.20	

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
		

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Location		Pile No.	Elevasi dasar tiang (m)	Elevasi kepala tiang (m)				COL (m)		Parjang Tiang saat uji (m)		Sheet	
Pile Dia (mm)		Testing Date		Test Load (Ton)		Gauge 1		Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks	
Date	Time	Load (%)	Load (Ton)	Dial Gauge Reading											
18.09	12.50	125%	12.50	0.98	1.46	3.04	3.38	2.21	3.13	1.27					
	24		5343	0.98	1.48	3.04	3.38	2.25	3.15	1.28					
	44			1.00	1.48	3.10	3.44	2.25	3.16	1.28					
	54			1.21	1.50	3.12	3.46	2.29	3.17	1.30					
19.04	14			1.11	1.52	3.12	3.46	2.30	3.18	1.30					
	24			1.12	1.53	3.12	3.46	2.30	3.18	1.31					
				1.12	1.53	3.12	3.46	2.30	3.18	1.31					2.24
19.26	15.00	150%	15 T	1.24	1.70	4.04	4.36	2.83	4.29	1.48					
	36		6412 P	1.30	1.76	4.34	4.58	2.99	4.35	1.49					
	46			1.34	1.78	4.35	4.60	3.05	4.36	1.51					
	56			1.34	1.78	4.35	4.60	3.05	4.36	1.51					
20.06	16			1.34	1.78	4.40	4.68	3.05	4.38	1.51					
	26			1.34	1.78	4.40	4.68	3.05	4.39	1.51					
				1.34	1.78	4.46	4.69	3.06	4.39	1.52					2.45
20.28	17.50	175%	17.50 T	2.12	2.28	5.24	5.20	3.71	5.10	2.78					
	38		7480 P	2.16	2.31	5.27	5.22	3.74	5.12	2.79					
	48			2.20	2.32	5.28	5.22	3.75	5.15	2.80					
	58			2.23	2.36	5.30	5.27	3.79	5.17	2.81					
21.08	18			2.23	2.37	5.30	5.27	3.79	5.17	2.81					
	28			2.24	2.37	5.31	5.27	3.79	5.17	2.81					
				2.24	2.37	5.32	5.28	3.80	5.18	2.82					4.00
21.30	200%	200%	20 T	2.72	2.52	5.82	5.52	4.14	5.69	3.12					
	40		8549 P	2.72	2.52	5.88	5.58	4.17	5.71	3.12					
	50			2.72	2.52	5.92	5.58	4.18	5.71	3.13					
22.00	10			2.76	2.54	5.94	5.60	4.21	5.72	3.13					
	20			2.76	2.54	5.94	5.60	4.21	5.72	3.13					
	30			2.76	2.54	5.96	5.62	4.22	5.73	3.13					
	40			2.76	2.54	5.96	5.62	4.22	5.73	3.13					
	50			2.76	2.56	5.98	5.62	4.23	5.73	3.14					
				2.76	2.56	5.98	5.62	4.23	5.73	3.14					4.43

Tested by: Geotech Efathama

Witness by (1):

Witness by (2):

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)								Sheet	
Location		Pile No.		Elevasi kepala tiang (m)							
Pile Dia (mm)		Testing Date		COL (m)							
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)							

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	08.00			2.78	2.56	6.06	5.72	4.28	5.81	3.13	
	10			2.79	2.57	6.08	5.73	4.29	5.83	3.16	
	20			2.80	2.58	6.09	5.74	4.30	5.88	3.16	
	30			2.80	2.58	6.10	5.74	4.30	5.91	3.16	
	40										
	00.30			2.80	2.58	6.12	5.76	4.31	6.02	3.17	
	01.30			2.82	2.60	6.14	5.78	4.33	6.05	3.20	
	02.30			2.84	2.62	6.21	5.88	4.39	6.11	3.21	
	03.30			2.85	2.63	6.23	5.90	4.40	6.15	3.22	
	04.30			2.86	2.64	6.25	5.91	4.41	6.18	3.23	
	05.30			2.86	2.64	6.27	5.92	4.42	6.20	3.23	
	06.30			2.86	2.64	6.28	5.92	4.42	6.21	3.23	
	07.30			2.88	2.65	6.29	5.92	4.43	6.22	3.23	
	08.30			2.88	2.66	6.30	5.92	4.44	6.22	3.23	
	09.30			2.89	2.66	6.30	5.92	4.45	6.23	3.23	
	09.32	175%	17.5	2.83	2.78	6.21	5.87	4.42	6.19	3.19	
	42			2.81	2.78	6.20	5.86	4.41	6.19	3.19	
	52			2.81	2.78	6.20	5.86	4.41	6.19	3.19	
	10.02			2.81	2.78	6.20	5.86	4.41	6.19	3.19	
	12			2.81	2.78	6.20	5.86	4.41	6.19	3.19	
	22			2.81	2.68	6.20	5.86	4.38	6.19	3.19	
	32			2.81	2.68	6.20	5.86	4.38	6.19	3.19	
	10.34	150%		2.74	2.62	6.09	5.69	4.28	6.07	3.04	
	44			2.73	2.62	6.08	5.68	4.27	6.06	3.03	
	54			2.73	2.62	6.08	5.67	4.27	6.06	3.03	
	11.04			2.73	2.61	6.08	5.67	4.27	6.05	3.03	
	14			2.73	2.61	6.08	5.67	4.27	6.05	3.03	
	24			2.73	2.61	6.08	5.67	4.27	6.05	3.03	
	34			2.73	2.61	6.08	5.67	4.27	6.05	3.03	

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Location		Pile No.	Elevasi dasar tiang (m)	Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		Sheet	
Pile Dia (mm)		Testing Date		Test Load (Ton)		Dial Gauge Reading		Average		X	Y	Remarks	
Date	Time	Load (%)	Load (Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks		
11.38	12.50	125%	12.50T	2.56	2.46	5.89	5.21	4.03	5.84	2.80			
48			4274P	2.54	2.45	5.89	5.21	4.02	5.84	2.79			
58				2.54	2.44	5.87	5.20	4.01	5.83	2.78			
12.08				2.54	2.44	5.87	5.20	4.01	5.83	2.78			
18				2.54	2.44	5.87	5.20	4.01	5.83	2.78			
28				2.53	2.44	5.88	5.20	4.01	5.83	2.78			
38				2.53	2.44	5.88	5.20	4.01	5.83	2.78			
12.40	100%	10.00T	2.31	2.22	5.64	5.08	3.81	5.72	2.68				
50		3206P	2.30	2.22	5.64	5.08	3.81	5.72	2.68				
13.00			2.30	2.21	5.63	5.08	3.80	5.71	2.68				
10			2.30	2.21	5.63	5.08	3.80	5.71	2.67				
20			2.30	2.20	5.62	5.07	3.79	5.70	2.67				
30			2.29	2.20	5.62	5.07	3.79	5.70	2.67				
40			2.29	2.20	5.61	5.06	3.79	5.70	2.65				
13.42	75%	7.50T	2.00	2.00	5.43	4.82	3.56	5.63	2.53				
52		2137P	1.98	1.97	5.43	4.80	3.54	5.61	2.51				
14.02			1.97	1.95	5.42	4.80	3.53	5.60	2.50				
12			1.97	1.95	5.42	4.80	3.53	5.60	2.50				
22			1.97	1.95	5.42	4.80	3.53	5.60	2.50				
32			1.97	1.95	5.42	4.80	3.53	5.60	2.50				
42			1.96	1.94	5.42	4.80	3.53	5.60	2.50				
14.44	50%	5.00T	1.57	1.61	5.27	4.62	3.26	5.13	2.46				
54		1068P	1.57	1.61	5.26	4.62	3.26	5.12	2.45				
15.04			1.57	1.61	5.26	4.62	3.26	5.12	2.45				
14			1.55	1.60	5.26	4.61	3.25	5.12	2.44				
24			1.55	1.60	5.24	4.60	3.24	5.11	2.44				
34			1.55	1.60	5.24	2.60	3.24	5.11	2.44				
44			1.55	1.60	5.24	2.60	3.24	5.11	2.44				

Tested by: Geotech Efathama

Witness by (1):

Witness by (2):

GEOTECH EFATHAMA

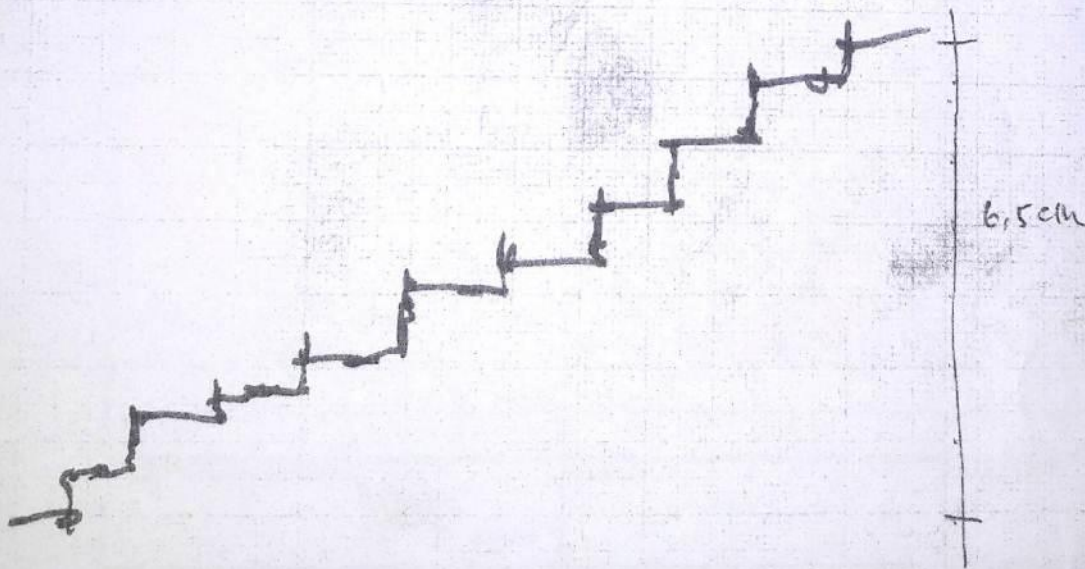
CamScanner

M. 116 = 8123

M. 117 = 15 x 17

M. 118 = 20 x 20

P. 116 = 12 mtr.



DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project	PUNAY BANDARA SAMARINDA			Elevasi dasar tiang (m)									
Location	Samarinda			Pile No.	SLT.03	Elevasi kepala tiang (m)							
Pile Dia (mm)				Testing Date	4.08.2017	COL (m)							
Working Load (Ton)	10			Test Load (Ton)	20	Panjang Tiang saat uji (m)							
Date	Time	Load		Dial Gauge Reading									
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks		
4.08.2017	21.30	0	0	0.00	0.00	0.00	0.00	0.00	50.919	PH0604			
									15.00	15.00			
	23.00	25	2.5	0.80	0.82	0.90	0.90	0.85	0.92	0.96			
	10			0.82	0.92	0.90	0.96	0.90	0.94	0.94			
	20			0.86	1.00	0.92	0.97	0.94	0.97	0.98			
	30			0.90	1.12	0.92	0.98	0.98	0.99	1.02			
	40			0.93	1.15	0.95	1.02	1.01	1.04	1.05			
	50			0.98	1.18	0.98	1.05	1.05	1.08	1.08			
5.08.2017	00.00			1.00	1.21	1.03	1.09	1.08	1.15	1.13	1.14		
	02	50	5	2.08	2.38	1.56	2.10	2.03	2.27	2.21			
	12			2.15	2.48	1.58	2.14	2.09	2.34	2.28			
	22			2.29	2.56	1.60	2.25	2.17	2.42	2.36			
	32			2.36	2.67	1.61	2.30	2.23	2.49	2.43			
	42			2.42	2.76	1.62	2.31	2.28	2.56	2.48			
	52			2.44	2.80	1.65	2.36	2.30	2.64	2.53			
	01.02			2.46	2.84	1.68	2.38	2.33	2.68	2.55			
	12			2.48	2.86	1.70	2.42	2.36	2.70	2.58			
	22	70	7.0	2.50	2.98	1.72	2.46	2.41	2.72	2.61	2.66		
	24	75	7.5	4.20	4.34	2.74	4.00	3.82	4.35	4.12			
	34			4.30	4.45	2.78	4.08	3.90	4.40	4.18			
	44			4.41	4.51	2.82	4.16	3.97	4.48	4.23			
	54			4.50	4.58	2.84	4.24	4.04	4.53	4.28			
	02.04			4.57	4.64	2.86	4.28	4.09	4.56	4.33			
	14			4.62	4.69	2.88	4.37	4.14	4.58	4.37			
	24			4.68	4.74	2.90	4.42	4.18	4.63	4.40			
	34			4.71	4.76	2.92	4.44	4.21	4.68	4.42			
	44			4.73	4.78	2.94	4.45	4.22	4.69	4.44			
	54			4.74	4.80	2.94	4.46	4.23	4.70	4.47			
	03.04			4.75	4.81	2.94	4.47	4.24	4.71	4.48	4.59		
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):					

DIAL GAUGES RECORDING FORM

Project		Elevasi dasar tiang (m)									
Location		Pile No.		Elevasi kepala tiang (m)							
Pile Dia (mm)		Testing Date		COL (m)							
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)							

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
07-15		200	20	9.38	9.16	6.02	8.64	8.52	9.44	10.04	
	25			9.54	9.32	7.04	8.66	8.64	9.44	10.04	
	35			9.60	9.38	7.08	8.66	8.68	9.46	10.05	
	45			9.60	9.38	7.08	8.66	8.68	9.46	10.05	
	55			9.64	9.42	7.18	8.67	8.73	9.46	10.05	
08-05				9.81	9.56	7.27	8.70	8.83	9.47	10.13	
	15			9.98	9.70	7.36	8.73	8.94	9.47	10.21	
	25			10.16	9.84	7.42	8.76	9.04	9.47	10.29	
	35			10.21	9.85	7.44	8.78	9.07	9.47	10.37	
	45			10.16	9.86	7.46	8.79	9.07	9.47	10.45	
	55			10.30	9.86	7.48	8.80	9.11	9.47	10.52	
09-05				10.31	9.87	7.50	8.83	9.12	9.53	10.59	
	15			10.42	9.88	7.50	8.85	9.13	9.58	10.65	
	10-15			10.12	10.02	7.80	8.96	9.45	9.61	10.74	10.17
	11-15			10.25	10.00	7.98	9.06	9.48	9.13	10.79	
	12-15			10.34	10.10	8.09	9.12	9.66	9.17	10.82	
	13-15			10.40	11.14	8.27	9.19	9.74	9.27	10.81	
	14-15			10.47	11.14	8.42	9.19	9.79	9.27	10.81	
	15-15			10.47	11.14	8.42	9.19	9.79	9.27	10.81	
	16-15			10.49	11.30	8.45	9.18	9.85	9.31	10.83	
	17-15			10.52	11.37	8.53	9.29	9.91	9.31	10.83	
	18-15			10.52	11.37	8.54	9.31	9.93	9.31	10.83	
	19-15			10.52	11.37	8.51	9.21	9.93	9.31	10.83	10.07
	20-15	175	17.5								
	10-20	175	17.5	10.31	11.04	8.23	9.09	9.68	9.60	10.52	
	30			10.30	11.03	8.20	9.07	9.66	8.98	10.50	
	40			10.28	11.02	8.18	9.05	9.65	8.97	10.48	
	50			10.28	11.02	8.17	9.03	9.65	8.97	10.48	
	20-00			10.28	11.02	8.17	9.03	9.65	8.97	10.48	
	10			10.28	11.02	8.17	9.03	9.65	8.97	10.48	
	20			10.28	11.02	8.17	9.03	9.65	8.97	10.48	9.72

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		Sheet	
Location		Pile No.		Testing Date		COL (m)		Panjang Tiang saat uji (m)		4	
Pile Dia (mm)		Testing Date		COL (m)		Panjang Tiang saat uji (m)		Panjang Tiang saat uji (m)		4	
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)		Panjang Tiang saat uji (m)		Panjang Tiang saat uji (m)		4	

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	20.22	150	15	10.02	10.81	7.85	8.88	9.39	8.73	10.26	
	32			10.01	10.80	7.82	8.87	9.38	8.70	10.19	
	42			10.00	10.78	7.82	8.86	9.37	8.70	10.19	
	52			10.00	10.78	7.82	8.86	9.37	8.70	10.19	
	21.02			9.98	10.76	7.80	8.86	9.35	8.69	10.19	
	12			9.98	10.76	7.80	8.86	9.35	8.69	10.19	
	22			9.98	10.76	7.80	8.86	9.35	8.69	10.17	9.43
	21.24	125%		9.26	10.11	7.19	8.21	8.69	7.95	9.65	
	34			9.26	10.09	7.19	8.20	8.68	7.94	9.65	
	44			9.26	10.09	7.19	8.20	8.68	7.94	9.62	
	54			9.24	10.09	7.16	8.19	8.67	7.93	9.61	
	22.04			9.22	10.07	7.16	8.19	8.66	7.90	9.61	
	14			9.22	10.07	7.16	8.19	8.66	7.90	9.61	
	24			9.22	10.07	7.16	8.19	8.66	7.90	9.59	8.74
	22.26	100%		8.67	9.81	6.63	7.72	8.20	7.53	9.07	
	36			8.63	9.78	6.61	7.71	8.18	7.51	9.07	
	46			8.60	9.78	6.59	7.68	8.16	7.51	9.07	
	56			8.60	9.78	6.59	7.68	8.16	7.51	9.05	
	23.06			8.60	9.78	6.59	7.68	8.16	7.49	9.05	
	46			8.58	9.75	6.59	7.67	8.14	7.48	9.03	
	26			8.58	9.75	6.56	7.65	8.13	7.48	9.03	8.29
	23.28	75%		8.13	9.23	6.04	7.23	7.65	7.10	8.43	
	38			8.11	9.22	6.02	7.20	7.63	7.09	8.40	
	48			8.09	9.20	6.02	7.20	7.62	7.06	8.38	
	58			8.09	9.20	6.01	7.19	7.62	7.06	8.35	
	00.08			8.09	9.20	6.01	7.19	7.62	7.06	8.35	
	18			8.09	9.20	6.01	7.19	7.62	7.06	8.35	
	28			8.06	9.17	6.00	7.16	7.59	7.04	8.34	7.60

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

Project Location		Pile No.	Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		CCL (m)		Panjang Tiang saat uji (m)		Weather		Sheet
Pile Dia (mm)	Testing Date	Test Load (Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks			
00.30	50%		7.84	8.97	5.91	6.77	7.38	6.73	7.69				
40			7.80	8.95	5.94	6.71	7.35	6.70	7.64				
50			7.80	8.95	5.94	6.71	7.35	6.70	7.61				
01.00			7.80	8.93	5.92	6.69	7.33	6.68	7.61				
10			7.78	8.92	5.90	6.66	7.31	6.68	7.61				
20			7.78	8.92	5.90	6.66	7.31	6.68	7.61				
30			7.78	8.92	5.90	6.66	7.31	6.67	7.59	7.13			
01.32	0%		7.40	8.46	5.70	6.32	6.97	6.40	7.30				
42			7.38	8.42	5.64	6.30	6.93	6.40	7.29				
52			7.38	8.42	5.64	6.30	6.93	6.39	7.28				
02.02			7.37	8.40	5.64	6.29	6.92	6.39	7.28				
12			7.37	8.40	5.60	6.29	6.91	6.38	7.28				
22			7.37	8.40	5.60	6.29	6.91	6.38	7.28				
32			7.37	8.40	5.60	6.29	6.91	6.38	7.27	6.82			

Tested by: Geotech Efathama

Witness by (1):

Witness by (2):

MONITORING PEMANCANGAN

No Titik Pancang

LLT3.

Jenis Tangk Pancang

30/30

Waktu/Tanggal

minggu 16.07.2017

Mula Jam

13.30

08.56

Selesai jam

14.40

09.49

TGL 17/07.2017

19:15

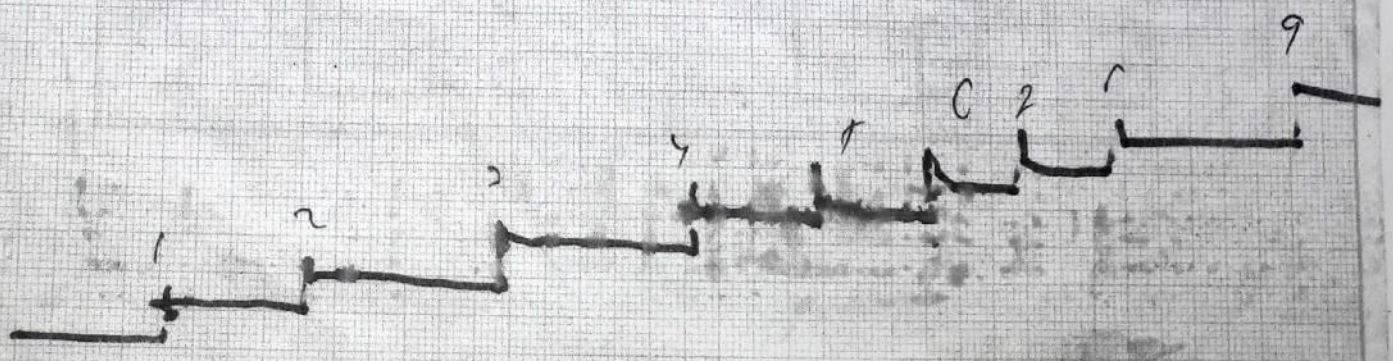
2:14:40 s/d 17-07

Hujan

NO	SKET PANCANG	KOMULATIF PUKULAN	SKET PANCANG	KOMULATIF PUKULAN	KETERANGAN
MIDDLE	10m	825	20m		
	9.5m	759	19.5m		
	9m	691	19m		
	8.5m	623	18.5m		
	8m	564	18m		
	7.5m	506	17.5m		
	7m	454	17m	1965	
	6.5m	406	16.5m	1901	
	6m	365	16m	1811	
	5.5m	302	15.5m	1724	
	5m	264	15m	1645	
	4.5m	216	14.5m	1570	
	4m	179	14m	1496	
	3.5m	135	13.5m	1426	
	3m	87	13m	1340	
BOTTOM	2.5m	49	12.5m	1261	
	2m	35	12m	1199	
	1.5m	25	11.5m	1092	
	1m	14	11m	1000	
	0.5m	6	10.5m	949	
	0m		10m	887	

Janur = 30 x 30.
Thomson = 16 / 07-17.

2.14:40-10.17-08
Hujan



LATERAL MAINTAINED LOAD TEST RECORDING FORM

GEOTECH EFATHAMA

Project		REINWAY BARCORA SAMARU		Gauge 1 HCY 135		Pressure Gauge No.		Sheet No. I			
Location		SAMARU		Gauge 2 SBCG19		No. of Jacks		15.T			
Pile Dia. (mm)		30MM		Gauge 3		Eff. Ram Area (in ²)		I			
Working Load (Ton)		0.75 Ton		Gauge 4		Pile Length (m)					
Pile No.		NT. 8									
Pile Testing Date		30-07-2017									
Max Test Load (Ton)		1.4 Ton									
Date	Time	Load		Dial Gauge Reading						Remarks	
		(%)	(Ton)	Gauge 1	Gauge 2	Deflection	Gauge 3	Gauge 4	Deflection		
30-07-2017	21.00	0%	0.00	0.00	0.00	0.00				I	
	21.01	25%	0.18	0.04	0.03	0.03					
	06			0.05	0.03	0.04					
	11			0.05	0.03	0.04					
	21.13	50%	0.35	0.07	0.05	0.06					
	18			0.07	0.06	0.06					
	23			0.08	0.07	0.07					
	21.25	75%	0.53	0.10	0.11	0.10					
	30			0.11	0.11	0.11					
	35			0.11	0.12	0.11					
	40			0.11	0.12	0.11					
		1									
	21.42	100%	0.70	0.13	0.14	0.14					
	47			0.14	0.17	0.15					
	52			0.16	0.18	0.17					
57			0.16	0.20	0.18						
22.02			0.18	0.20	0.19						
22.04	125%	0.88	0.30	0.39	0.34						
	09			0.34	0.41	0.37					
	14			0.38	0.50	0.44					
	19			0.38	0.50	0.44					
	24			0.41	0.52	0.46					
22.26	150%	1.05	0.57	0.59	0.58						
	31			0.60	0.61	0.60					
	36			0.64	0.66	0.64					
	41			0.67	0.69	0.68					
	46			0.67	0.69	0.68					

Recorded By:

AHMA D.

Checked and Certified By:

Handwritten signature

Witnessed By:

Handwritten signature

LATERAL MAINTAINED LOAD TEST RECORDING FORM

GEOTECH CFATHAMA

Project		RUNWAY B.S. B		Gauge 1		Pressure Gauge No.		Sheet No.	
Location		SAMARINDA		Gauge 2		No. of Jacks		II	
Pile Dia. (mm)		309 mm		Gauge 3		Eff. Ram Area (in ²)			
Working Load (Ton)		0.30 x 200		Gauge 4		Pile Length (m)			
Pile No.		LT.03							
Pile Testing Date		30.07.2017							
Max Test Load (Ton)		1.4 TON							

Date	Time	Load		Dial Gauge Reading						Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Deflection	Gauge 3	Gauge 4	Deflection	
	22.48	170%	1.19	0.80	0.78	0.79				
	53			0.84	0.80	0.82				
	58			0.85	0.81	0.83				
	23.03			0.87	0.82	0.84				
	08			0.89	0.89	0.87				
	23.10	180%	1.26	1.05	1.01	1.03				
	15			1.08	1.04	1.06				
	20			1.11	1.06	1.08				
	25			1.15	1.11	1.13				
	30			1.19	1.11	1.13				
	23.32	190%	1.33	1.21	1.17	1.19				
	37			1.25	1.17	1.21				
	42			1.27	1.21	1.24				
	47			1.30	1.25	1.27				
	52			1.34	1.34	1.34				
	23.54	200%	1.40	1.39	1.45	1.42				
	59			1.40	1.46	1.43				
	00.04			1.40	1.46	1.43				
	09			1.44	1.46	1.45				
	14			1.47	1.48	1.47				
	19			1.47	1.49	1.48				
	24			1.51	1.49	1.5				
	29			1.53	1.50	1.51				
	34			1.54	1.50	1.52				
	39			1.54	1.50	1.52				
	44			1.55	1.50	1.52				
	49			1.55	1.50	1.52				
	54			1.55	1.50	1.52				

Recorded By:	Checked and Certified By:	Witnessed By:
AHMA D.	Amma H. S. S. S.	

LATERAL MAINTAINED LOAD TEST RECORDING FORM

GEOTECH CEATHAMA

Project		Pile No.		Gauge 1	Pressure Gauge No.		Sheet No. III		
Location		Pile Testing Date		Gauge 2	No. of Jacks				
Pile Dia. (mm) 30 CM		Max Test Load (Ton) 2.84 T.		Gauge 3	Eff. Ram Area (in ²)				
Working Load (Ton) 0.70				Gauge 4	Pile Length (m)				
Date	Time	Load		Dial Gauge Reading					Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Deflection	Gauge 3	Gauge 4	
	00.56	225%	1.58 T.	1.65	1.62	1.67			
	02.01		1109 P.	1.68	1.67	1.67			
	06			1.70	1.68	1.69			
	11			1.70	1.68	1.69			
	16			1.77	1.68	1.72			
	02.18	250%	1.76 T.	1.90	1.87	1.88			
	23		1235 P.	1.94	1.90	1.92			
	28			1.94	1.91	1.92			
	33			1.94	1.91	1.92			
	38			1.94	1.91	1.92			
	02.40	275%	1.94 T.	2.29	2.30	2.29			
	45		1362 P.	2.30	2.31	2.30			
	50			2.41	2.39	2.4			
	55			2.45	2.43	2.44			
	02.00			2.54	2.45	2.49			
	03.02	300%	2.12 T.	2.93	2.95	2.94			
	07		1488 P.	2.97	2.98	2.97			
	12			2.99	2.99	2.99			
	17			3.03	3.05	3.04			
	22			3.07	3.10	3.08			
	27			3.14	3.10	3.12			
	32			3.14	3.12	3.13			
	37			3.15	3.16	3.15			
	42			3.15	3.20	3.17			
	47			3.16	3.22	3.19			
	52			3.16	3.22	3.19			
	57			3.19	3.22	3.20			
	03.02			3.24	3.22	3.23			
Recorded By:		Checked and Certified By:				Witnessed By:			
AHMAD		AHMAD H.M.S.T. M.S.				[Signature]			

LATERAL MAINTAINED LOAD TEST RECORDING FORM

GEOTECH EFATHAMA

Project		Gauge 1		Pressure Gauge No.		Sheet No. <u>IV</u>	
Location		Gauge 2		No. of Jacks			
Pile Dia. (mm)		Gauge 3		Eff. Ram Area (in ²)			
Working Load (Ton)		Gauge 4		Pile Length (m)			
Pile No.		Pile Testing Date		Max Test Load (Ton)			
Date	Time	Load (%)	Load (Ton)	Gauge 1	Gauge 2	Deflection	Remarks
				Gauge 3	Gauge 4	Deflection	
	03.04	325%	2.3	3.40	3.36	3.38	
	09		1.614P	3.42	3.37	3.39	
	14			3.42	3.38	3.41	
	19			3.45	3.40	3.42	
	24			3.45	3.41	3.43	
	03.26	350%	2.48T	3.78	3.76	3.77	
	31		1741.P	3.79	3.76	3.77	
	36			3.79	3.77	3.88	
	41			3.84	3.80	3.82	
	46			3.85	3.82	3.83	
	03.48	375%	2.66T	4.06	4.03	4.04	
	53		1867P	4.09	4.06	4.07	
	58			4.10	4.07	4.08	
	04.03			4.19	4.13	4.13	
	08			4.20	4.15	4.17	
	04.10	400%	2.84	4.90	4.79	4.84	
	15		Pi 1993	4.90	4.79	4.84	
	20			4.93	4.79	4.86	
	25			4.95	4.83	4.89	
	30			4.98	4.83	4.90	
	35			4.98	4.85	4.91	
	40			4.99	4.87	4.93	
	45			4.99	4.89	4.94	
	50			5.04	4.94	4.99	
	55			5.10	5.00	5.05	
	05.00			5.11	5.03	5.07	
	05			5.11	5.04	5.07	
	10			5.11	5.04	5.07	
Recorded By: <u>AMMAD</u>		Checked and Certified By: <u>Amrutha</u>		Witnessed By: <u>AD</u>			

LATERAL MAINTAINED LOAD TEST RECORDING FORM

GEOTECH EFATHAMA

Project		Gauge 1		Pressure Gauge No.		Sheet No. <u>Y</u>
Location		Gauge 2		No. of Jacks		
Pile Dia. (mm)		Gauge 3		Eff. Ram Area (in ²)		
Working Load (Ton)		Gauge 4		Pile Length (m)		
Pile No.		Pile Testing Date		Max Test Load (Ton)		

Date	Time	Load		Dial Gauge Reading						Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Deflection	Gauge 3	Gauge 4	Deflection	
05.12	350%	2.487	4.65	4.62	4.63					
	17	1.741 P.	4.64	4.60	4.62					
	22	30	4.63	4.60	4.60					
05.24	300%	2.127	4.51	4.49	4.50					
	29	1.888 P.	4.48	4.47	4.47					
	34		4.48	4.46	4.47					
05.36	250%	1.767	4.42	4.37	4.39					
	41	1.235 P.	4.39	4.36	4.37					
	46		4.38	4.34	4.36					
05.48	200%	1.407	4.34	4.30	4.32					
	53	983 P.	4.29	4.29	4.27					
	58		4.29	4.23	4.24					
06.00	150%	1.057	4.10	4.07	4.08					
	05	737 P.	4.01	4.00	4.00					
	10		3.99	3.93	3.96					
06.12	100%	0.707	3.50	3.46	3.48					
	17	4.91 P.	3.49	3.39	3.42					
	22		3.41	3.34	3.37					
06.24	50%	0.357	3.03	2.94	2.98					
	29	246 P.	3.03	2.93	2.98					
	34		3.01	2.93	2.97					
06.36	0%	0.0 T.	2.60	2.58	2.59					
	41	0.0 P.	2.59	2.56	2.57					
	46		2.59	2.54	2.56					

Recorded By : <u>ALL MAP.</u>	Checked and Certified By : <u>[Signature]</u>	Witnessed By : <u>[Signature]</u>
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MONITORING PEMANCANGAN

No Tiang Pancang: LT 2 (30/30)
 Jenis Tiang Pancang: LIT 2 (24 ISO)
 Hari/Tanggal: Jumat 14-07-2017
 Mulai Jam: 14.39
 Selesai Jam: 16.30

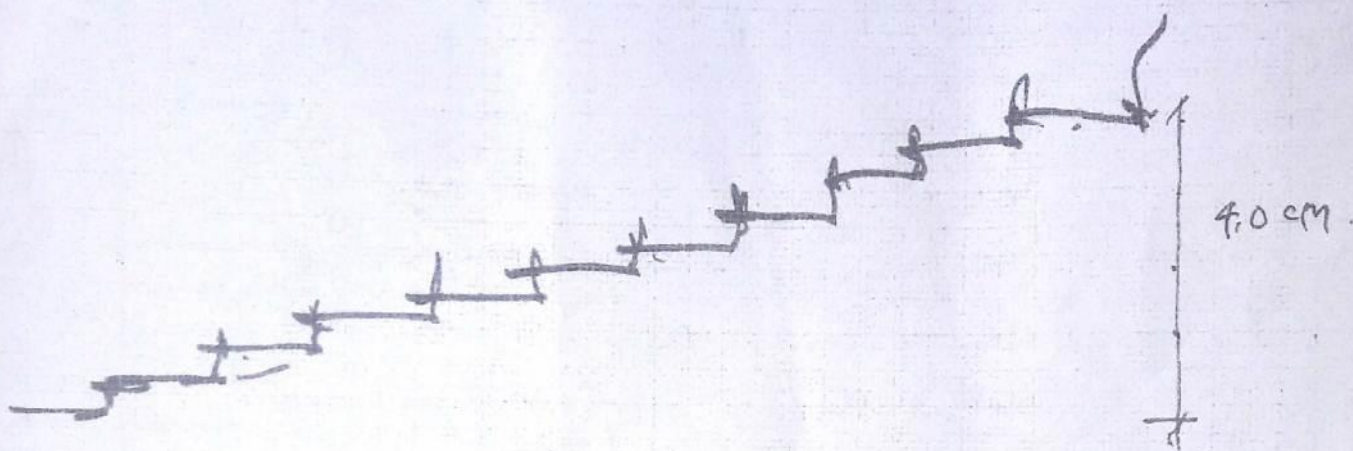
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 15.51 s/d 16.12

864
 902

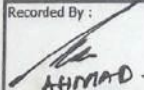

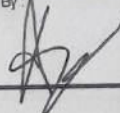
NO	SKET PANCANG	KUMULATIF PUKULAN	SKET PANCANG	KUMULATIF PUKULAN	KETERANGAN
MIDDLE	30m	451	20m		
	9.5m	418	19.5m		
	9m	385	19m		
	8.5m	355	18.5m		
	8m	321	18m		
	7.5m	294	17.5m	1048	
	7m	269	17m	1011	
	6.5m	241	16.5m	960	
	6m	214	16m	918	
	5.5m	193	15.5m	871	
	5m	175	15m	843	
	4.5m	156	14.5m	797	
	4m	136	14m	770	
	3.5m	115	13.5m	731	
	3m	89	13m	691	
	2.5m	56	12.5m	660	
	2m	39	12m	615	
	1.5m	20	11.5m	584	
	1m	10	11m	545	
	0.5m	4	10.5m	499	
BOTTOM	0m		10m		

No. Pile = 452.

Station = 14.07.17.



BOTTOM	4.5m	156	MIDDLE	24.5m	797
	4m	136		14m	770
	3.5m	115		13.5m	731
	3m	89		13m	691
	2.5m	56		12.5m	660
	2m	39		12m	618
	1.5m	20		11.5m	584
	1m	10		11m	545
	0.5m	20A		10.5m	499
	0m			10m	

26			0.65	0.62	0.62
23.27	75%	1.057	0.09	1.11	1.10
32		737P	1.11	1.13	1.12
37			1.15	1.13	1.14
42			1.18	1.15	1.16
49					
23.43	100%	1.407	2.03	1.99	2.01
48		982P	2.05	2.02	2.03
53			2.09	2.05	2.07
58			2.09	2.06	2.07
00.63			2.10	2.06	2.08
				2.84	
00.04	125%	1.757	2.89	2.84	2.86
09		1228P	2.91	2.85	2.88
14			2.99	2.89	2.94
19			3.04	2.95	2.99
24			3.14	3.07	3.10
00.25	150%	2.107	3.98	3.88	3.93
30		1474P	4.05	4.01	4.03
35			4.09	4.01	4.05
40			4.12	4.03	4.07
45			4.24	4.15	4.19
Recorded By : 			Checked and Certified By : 		Witnessed By : 

LATERAL MAINTAINED LOAD TEST RECORDING FORM

GEOTECH EFATHAI

Project		Pile No. LLT02		Gauge 1		Pressure Gauge No.		Sheet No. II		
Location		Pile Testing Date		Gauge 2		No. of Jacks				
Pile Dia. (mm)		Max Test Load (Ton)		Gauge 3		Eff. Ram Area (in ²)		II		
Working Load (Ton)				Gauge 4		Pile Length (m)				
Date	Time	Load		Dial Gauge Reading						Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Deflection	Gauge 3	Gauge 4	Deflection	
	00.46	170%	2.387	5.20	5.13	5.16				
	51		16.70	5.41	5.32	5.36				
	56			5.57	5.49	5.53				
05-08-2007	01.01			5.69	5.58	5.63				
	06			5.80	5.76	5.78				
	01.07	180%	2.502	6.27	6.21	6.24				
	12		1769	6.47	6.38	6.42				
	17			6.53	6.49	6.51				
	22			6.74	6.65	6.69				
	27			6.86	6.79	6.82				
	01.28	190%	2.667	7.21	7.12	7.16				
	33		1867P	7.35	7.18	7.26				
	38			7.39	7.27	7.33				
	43			7.45	7.34	7.39				
	48			7.53	7.38	7.45				
	01.49	200%	2.80	8.04	7.84	7.99				
	54		1965	8.17	7.94	8.05				
	59			8.21	8.01	8.11				
02.04				8.25	8.03	8.14				
	09			8.32	8.10	8.21				
	14			8.37	8.16	8.26				
	19			8.42	8.26	8.34				
	24			8.48	8.31	8.39				
	29			8.53	8.38	8.45				
	34			8.60	8.46	8.53				
	39			8.67	8.49	8.58				
	44			8.76	8.57	8.66				
	49			8.79	8.64	8.71				
Recorded By: ABMAD.				Checked and Certified By: Ju				Witnessed By: As		

GEO TECH SEATTLE

ner

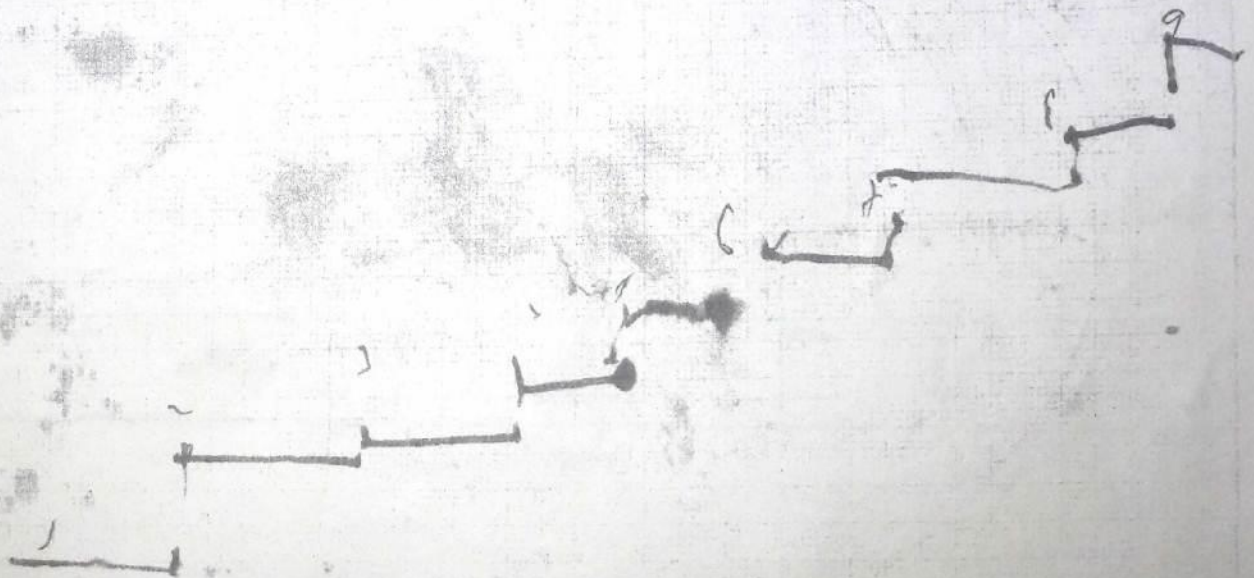
MONITORING PEMANANGAN

No Titik Pancing : SLT - A
 Jenis Tiang Pancing : 20/20
 Hari/Tanggal : Senin 17/07-2017
 Mulai Jam : 10:28
 Selesai Jam : 11:00

NO	SKET PANGCANG	KOMULATIF PUKULAN	SKET PANGCANG	KOMULATIF PUKULAN	KETERANGAN
MIDLE	10m	260	20m		
	9.5m	237	19.5m		
	9m	219	19m		
	8.5m	198	18.5m		
	8m	180	18m		
	7.5m	164	17.5m		
	7m	149	17m		
	6.5m	132	16.5m		
	6m	113	16m		
	5.5m	92	15.5m		
	5m	80	15m		
	4.5m	68	14.5m		
	4m	57	14m		
	3.5m	46	13.5m		
	3m	35	13m		
BOTTOM	2.5m	21	12.5m		
	2m	15	12m		
	1.5m	13	11.5m	349	
	1m	9	11m	330	
	0.5m	4	10.5m	306	
	0m		10m	280	
TOP					
MIDLE					

June 16-07.17.

TANKON 20x 20

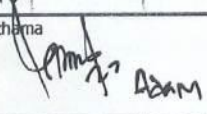
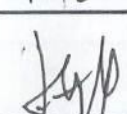
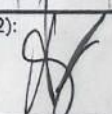


DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project	RUNWAY LANDAKA SAMARINDA			Elevasi dasar tiang (m)								
Location	Samarinda			Elevasi kepala tiang (m)								
Pile Dia (mm)	20x20	Testing Date	21-07-2017	COL (m)								
Working Load (Ton)	10	Test Load (Ton)	20	Panjang Tiang saat uji (m)								





Date	Time	Load		Dial Gauge Reading					Average	X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4					
21/07/2017	21.00	0	0	0.00	0.00	0.00	0.00	0.00				cycle I
	21.10	25	2.5	0.02	0.28	0.08	0.00	0.09				
	20			0.02	0.28	0.08	0.00	0.09				
	30			0.02	0.30	0.08	0.00	0.10				
	40			0.02	0.32	0.08	0.02	0.11				
	50			0.02	0.32	0.08	0.02	0.11				
	28.00			0.02	0.32	0.08	0.02	0.11				
	10			0.02	0.32	0.08	0.02	0.11				
	15	50	5	0.02	0.60	0.14	0.02	0.20				
	25			0.08	0.62	0.14	0.02	0.21				
	35			0.08	0.64	0.14	0.02	0.21				
	45			0.08	0.64	0.14	0.02	0.21				
	55			0.08	0.64	0.14	0.02	0.21				
	23.05			0.08	0.66	0.16	0.02	0.23				
	15			0.08	0.66	0.16	0.02	0.23				
	20	25	2.5	0.08	0.56	0.14	0.02	0.20				
	30			0.08	0.56	0.14	0.02	0.20				
	40			0.08	0.56	0.14	0.02	0.20				
	45	0	0	0.03	0.20	0.10	0.00	0.08				
	55			0.03	0.18	0.10	0.00	0.08				
01/08/2017	00.05			0.03	0.18	0.10	0.00	0.08				
	15			0.03	0.16	0.10	0.00	0.07				
	25			0.03	0.16	0.10	0.00	0.07				
	35			0.03	0.16	0.10	0.00	0.07				
	45			0.03	0.16	0.10	0.00	0.07				
	50	50	5	0.14	0.46	0.22	0.20	0.25				cycle II
	01.00			0.14	0.46	0.22	0.20	0.25				
	10			0.14	0.46	0.22	0.20	0.25				

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
		

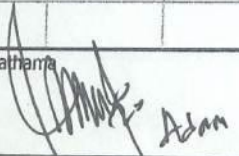
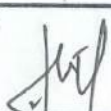
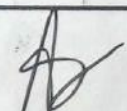
DIAL GAUGES RECORDING FORM

Project		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		Sheet	
Location	Pile No.	Testing Date	Test Load (Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks
01/08/2017	01-15	75	7.5	0.12	0.70	0.36	0.22	0.35			
	25			0.12	0.72	0.36	0.23	0.36			
	35			0.12	0.74	0.38	0.24	0.37			
	45			0.12	0.74	0.38	0.24	0.37			
	55			0.14	0.76	0.40	0.28	0.39			
	02-08			0.14	0.78	0.42	0.28	0.40			
	15										
	20	100	10	0.32	0.99	0.64	0.50	0.61			
	30			0.35	1.03	0.66	0.51	0.63			
	40			0.35	1.07	0.68	0.53	0.66			
	50			0.36	1.11	0.69	0.54	0.67			
	03-00			0.36	1.14	0.70	0.54	0.68			
	10			0.37	1.16	0.71	0.55	0.70			
	20			0.38	1.18	0.72	0.56	0.71			
	25	75	7.5	0.28	0.98	0.70	0.51	0.62			
	35			0.28	0.98	0.70	0.51	0.62			
	45			0.28	0.98	0.70	0.51	0.62			
	55										
	50	50	5	0.25	0.90	0.60	0.48	0.56			
	04-00			0.25	0.90	0.60	0.48	0.56			
	10			0.25	0.90	0.60	0.48	0.56			
	15	0	0	0.19	0.34	0.26	0.26	0.26			
	25			0.19	0.34	0.24	0.24	0.24			
	35			0.18	0.30	0.23	0.23	0.23			
	45			0.18	0.30	0.21	0.21	0.22			
	55			0.18	0.27	0.21	0.21	0.22			
	05-08			0.18	0.27	0.21	0.21	0.22			
	15			0.18	0.27	0.21	0.21	0.22			
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):			

DIAL GAUGES RECORDING FORM





Project		Elevasi dasar tiang (m)								  Sheet	
Location		Pile No.	Elevasi kepala tiang (m)								  3
Pile Dia (mm)		Testing Date	COL (m)								
Working Load (Ton)		Test Load (Ton)	Panjang Tiang saat uji (m)								

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	05.20	50	9	0.20	0.84	0.26	0.22	0.38			cycle I
	30			0.20	0.84	0.26	0.22	0.38			
	40			0.20	0.84	0.26	0.22	0.38			
	45	100	10	0.32	1.60	0.52	0.24	0.67			
	55			0.32	1.62	0.53	0.24	0.68			
	06.05			0.33	1.62	0.54	0.25	0.68			
	10	125	12.5	0.48	2.00	0.76	0.38	0.90			
	20			0.50	2.02	0.78	0.40	0.92			
	30			0.52	2.03	0.78	0.41	0.93			
	40			0.52	2.04	0.79	0.41	0.93			
	50			0.53	2.06	0.80	0.43	0.96			
	07.00			0.56	2.09	0.84	0.45	0.98			
	10			0.56	2.10	0.86	0.46	0.99			
	15	150	15	0.80	2.50	1.12	0.68	1.27			
	25			0.84	2.53	1.14	0.70	1.30			
	35			0.85	2.55	1.16	0.72	1.32			
	45			0.86	2.56	1.18	0.74	1.33			
	55			0.89	2.58	1.21	0.77	1.36			
	08.05			0.91	2.59	1.24	0.81	1.39			
	15			0.94	2.60	1.26	0.84	1.41			
	20	125	12.5	0.88	2.49	1.08	0.76	1.30			
	30			0.88	2.49	1.08	0.75	1.30			
	40			0.88	2.49	1.08	0.75	1.30			
	45	100	10	0.54	2.31	0.98	0.61	1.11			
	55			0.54	2.31	0.98	0.61	1.11			
	09.05			0.54	2.31	0.98	0.61	1.11			

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
		

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Pile No.		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		   		Sheet
Location		Testing Date		Test Load (Ton)										4
Date	Time	Load		Dial Gauge Reading					X	Y	Remarks			
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average						
09.10	50	5		0.40	1.10	0.74	0.48	0.88						
	20			0.40	1.00	0.74	0.48	0.88						
	30			0.40	1.00	0.74	0.48	0.88						
					0.78									
	35	0	0	0.31	0.78	0.60	0.30	0.50						
	45			0.30	0.77	0.58	0.28	0.48						
	55			0.29	0.76	0.56	0.27	0.47						
10.05				0.29	0.76	0.56	0.27	0.47						
	15			0.29	0.76	0.56	0.27	0.47						
	25			0.29	0.76	0.56	0.27	0.47						
	35			0.29	0.76	0.56	0.27	0.47						
	40	50	5	0.62	1.34	0.78	0.52	0.81						
	50			0.64	1.34	0.78	0.52	0.82						
11.00				0.64	1.24	0.78	0.52	0.82						
" 05	100	10		0.76	1.94	1.06	0.66	1.10			aple			
	15			0.78	1.96	1.06	0.68	1.12						
	25			0.78	1.96	1.06	0.68	1.12						
11.30	150	15		1.00	2.52	1.40	0.88	1.45						
	40			1.02	2.58	1.44	0.94	1.49						
	50			1.02	2.58	1.46	0.96	1.50						
12.55	175	17.5		1.36	3.10	1.86	1.34	1.91						
	05			1.40	3.12	1.90	1.35	1.94						
	15			1.42	3.15	1.93	1.40	1.97						
	25			1.51	3.20	1.97	1.45	2.03						
	35			1.53	3.30	1.99	1.47	2.07						
	45			1.59	3.31	2.01	1.51	2.10						
	55			1.60	3.33	2.04	1.52	2.12						
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):						

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)											
Location		Pile No.		Elevasi kepala tiang (m)									
Pile Dia (mm)		Testing Date		COL (m)									
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)									
Date	Time	Load		Dial Gauge Reading					X	Y	Remarks		
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average					
	13.00	200%	20T	3.00	4.96	3.58	2.94	3.62					
	10			3.80	5.02	3.64	3.00	3.71					
	20			3.26	5.20	3.82	3.18	3.86					
	30			3.28	5.21	3.84	3.19	3.88					
	40			3.42	5.45	3.98	3.40	4.06					
	50			3.58	5.57	4.13	3.52	4.20					
	14.00			3.70	5.62	4.24	3.62	4.29					
	10			4.00	6.09	4.57	3.84	4.59					
	20			4.32	6.28	4.88	4.20	4.92					
	30			4.42	6.38	4.98	4.32	5.02					
	40			4.43	6.40	5.00	4.34	5.04					
	50			4.44	6.42	5.02	4.36	5.06					
	15.00			4.48	6.44	5.02	4.36	5.07					
	16.00			5.20	7.20	5.78	5.10	5.82					
	17.00			5.40	7.43	5.84	5.35	6.00					
	18.00			5.62	7.66	6.02	5.60	6.22					
	19.00			5.64	7.68	6.24	5.66	6.30					
	20.00			5.64	7.70	6.24	5.66	6.31					
	21.00			5.64	7.72	6.24	5.66	6.36					
	22.00			5.66	7.74	6.24	5.68	6.33					
	23.00			5.68	7.74	6.26	5.70	6.34					
	00.00			5.70	7.80	6.28	5.74	6.38					
	01.00			5.74	7.82	6.32	5.78	6.41					
	01.05	150%	15T	5.80	7.30	6.16	5.29	5.98					
	15			5.12	7.24	6.16	5.27	5.94					
	25			5.11	7.23	6.10	5.23	5.91					
	35			5.09	7.23	6.08	5.23	5.90					
	45			5.09	7.21	6.06	5.22	5.89					
	55			5.09	7.21	6.05	5.22	5.89					
	02.05			5.08	7.21	6.03	5.18	5.87					
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):					

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)									
Location		Elevasi kepala tiang (m)									
Pile Dia (mm)		COL (m)									
Working Load (Ton)		Panjang Tiang saat uji (m)									
Pile No.		Testing Date									
Test Load (Ton)											

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	02.10	100%	10T	4.71	6.66	5.70	4.87	5.48			
	20			4.69	6.63	5.68	4.85	5.39			
	30			4.69	6.61	5.67	4.85	5.45			
	40			4.68	6.60	5.67	4.84	5.44			
	50			4.67	6.60	5.65	4.82	5.43			
	03.00			4.65	6.59	5.63	4.82	5.42			
	10			4.65	6.58	5.63	4.82	5.42			
	03.15	50%	5T	4.44	6.38	5.43	4.24	5.12			
	25			4.41	6.36	5.40	4.21	5.09			
	35			4.40	6.34	5.38	4.20	5.08			
	45			4.40	6.35	5.37	4.18	5.07			
	55			4.40	6.33	5.35	4.16	5.06			
	04.05			4.40	6.33	5.35	4.16	5.06			
	15			4.40	6.33	5.35	4.16	5.06			
	04.20	0%	0T	4.21	5.28	4.82	4.08	4.59			
	30			4.19	5.25	4.78	4.05	4.57			
	40			4.18	5.23	4.75	4.03	4.54			
	50			4.18	5.20	4.72	4.00	4.52			
	05.00			4.18	5.18	4.69	4.00	4.51			
	10			4.18	5.18	4.67	4.00	4.50			
	20			4.18	5.12	4.66	4.00	4.49			
	30			4.17	5.12	4.66	4.00	4.48			
	40			4.17	5.12	4.66	4.00	4.48			
	50			4.16	5.11	4.66	3.98	4.47			
	06.00			4.16	5.11	4.66	3.98	4.47			
	10			4.16	5.11	4.66	3.98	4.47			
	20			4.16	5.11	4.66	3.98	4.47			

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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No. Telp. Pemasang : 1 LT 1.
Jenis Tiang Pemasang : 30 x 30
Jenis/Tinggi : Krum, 12 - 07 - 2017
Mula' Jam : 10.31
Selesai Jam : 14.35.

1874.

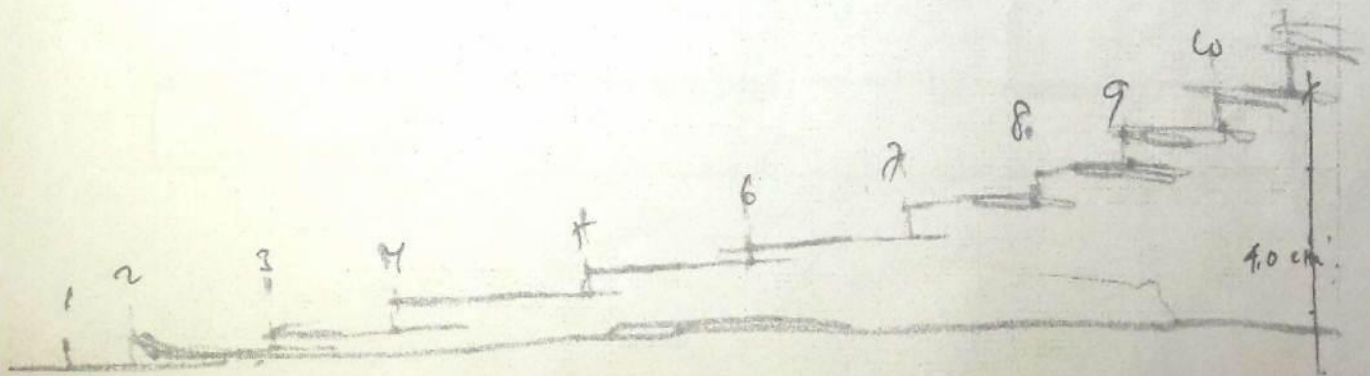
- PILE = 44 I.

PILE = 30 x 30

136 = 13.07.2017.

P. PILE = 18 m'

M. PILE = 44 I.



LATERAL MAINTAINED LOAD TEST
RECORDING FORM

Project: RUNWAY BANDARA SAMARANGA		Gauge 1: MMJ 761		Pressure Gauge No.		Sheet No. 2	
Location: Samarang		Pile No. CLT-01		Gauge 2: MCY 142		No. of Jacks	
Pile Dia. (mm): 300mm		Pile Testing Date: 03-08-17		Gauge 3		Eff. Ram Area (in ²) 2	
Working Load (Ton): 14X200		Max Test Load (Ton): 2.0 TON		Gauge 4		Pile Length (m)	

Date	Time	Load		Dial Gauge Reading						Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Deflection	Gauge 3	Gauge 4	Deflection	
03-08-2017	11.30	0.2	0.0	0.00	0.00	0.00				2
	11.30	25%	0.35 T	0.05	0.04	0.04				
	35		245 P	0.07	0.05	0.06				
	40			0.07	0.05	0.06				
	11.41	50%	0.70 T	0.10	0.09	0.09				
	46		491 P	0.11	0.11	0.11				
	51			0.12	0.11	0.11				
	11.52	75%	1.05 T	0.15	0.14	0.14				
	57		727 P	0.17	0.16	0.16				
	12.02			0.21	0.18	0.19				
	07			0.24	0.19	0.21				
	12.08	100%	1.40 T	0.37	0.30	0.33				
	13		982 P	0.40	0.36	0.48				
	18			0.42	0.38	0.40				
	23			0.47	0.41	0.44				
	28			0.51	0.43	0.47				
	12.39	125%	1.75 T	0.82	0.75	0.78				
	34		1228	0.88	0.77	0.82				
	39			0.89	0.79	0.84				
	44			0.89	0.81	0.85				
	49			0.92	0.85	0.88				
	12.50	150%	2.10 T	1.53	1.43	1.48				
	55		1474 P	1.59	1.45	1.52				
	13.00			1.63	1.49	1.56				
	05			1.64	1.52	1.58				
	10			1.67	1.55	1.61				

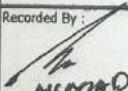


Recorded By: AHMAD.	Checked and Certified By: [Signature]	Witnessed By: [Signature]
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LATERAL MAINTAINED LOAD TEST RECORDING FORM

GEOTECH EFATHAMA

Project		Location		Pile No.	Gauge 1	Pressure Gauge No.		Sheet No.
SMAA-02A		Pile Dia. (mm)		LLT-01	Gauge 2	No. of Jacks		II
Pile Testing Date		Working Load (Ton)		03-08-17	Gauge 3	Eff. Ram Area (in ²)		
Max Test Load (Ton)		Gauge 4		18000	Pile Length (m)			

Date	Time	Load		Dial Gauge Reading						Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Deflection	Gauge 3	Gauge 4	Deflection	
13.11	170%	2.38T	2.21	2.13	2.17					
	1670P	2.25	2.15	2.20						
		2.25	2.16	2.20						
		2.27	2.17	2.22						
		2.27	2.20	2.23						
13.31	180%	2.52T	2.69	2.63	2.66					
	1769P	2.70	2.69	2.67						
		2.74	2.67	2.70						
		2.79	2.67	2.73						
		2.83	2.70	2.76						
13.53	190%	2.66	3.70	3.63	3.66					
	1867	3.75	3.62	3.68						
		3.79	3.69	3.72						
		3.79	3.69	3.74						
		3.81	3.74	3.77						
14.11	200%	2.80	6.66	6.56	6.61					
	1965	6.69	6.50	6.64						
		6.69	6.60	6.65						
		6.71	6.62	6.66						
		6.75	6.65	6.7						
		6.79	6.67	6.73						
		6.82	6.69	6.75						
		6.83	6.70	6.76						
		6.83	6.71	6.77						
		6.84	6.71	6.77						
		6.84	6.72	6.78						
		6.86	6.72	6.79						
15.04			6.89	6.73	6.81					

Recorded By:	Checked and Certified By:	Witnessed By:
		

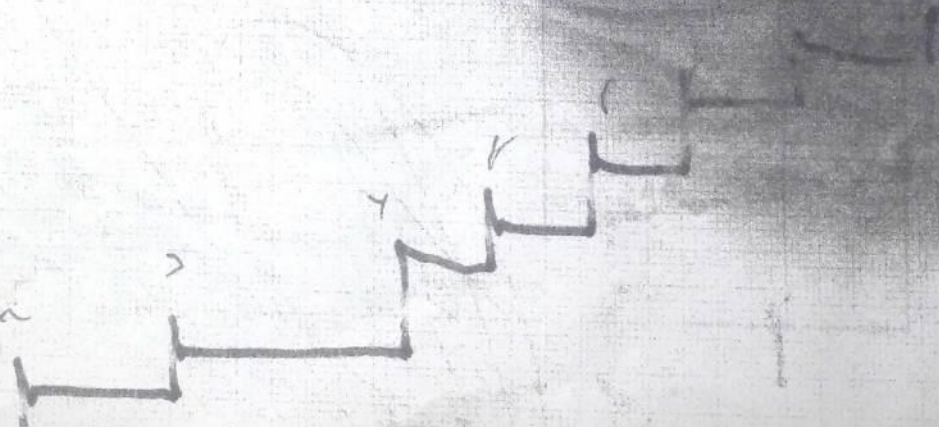
GEO TECH CEATHAMA

Scanned by CamScanner

MONITORING PEMANCANGAN

[illegible]

U 5.0
Johar = 20/10
Hans = 17.07.20



DIAL GAUGES RECORDING FORM

Project	RUNWAY BANDARA SAMARINDA B			Elevasi dasar tiang (m)									
Location	SAMARINDA	Pile No.	SLT-05	Elevasi kepala tiang (m)									
Pile Dia (mm)	200mm	Testing Date	2-8-2017	COL (m)									
Working Load (Ton)	10x200	Test Load (Ton)	20 TON	Panjang Tiang saat uji (m)									
				Dial Gauge Reading									
Date	Time	Load		Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks		
		(%)	(Ton)										
2-08-2017	21.20	0%	0.00	0.00	0.00	0.00	0.00	0.00					
	21.21	25%	2.25 T	0.34	0.40	0.38	0.26	0.34					
	31		668 P.	0.40	0.44	0.44	0.30	0.39					
	41			0.40	0.44	0.48	0.30	0.40					
	51			0.44	0.48	0.50	0.34	0.44					
	22.01			0.48	0.54	0.52	0.36	0.47					
	11			0.48	0.52	0.55	0.38	0.48					
	21			0.48	0.52	0.55	0.38	0.48	0.14				
	22.23	50%	5.00 T	2.42	2.46	2.62	1.94	2.36					
	33		2137 P.	2.48	2.51	2.67	1.99	2.41					
	43			2.52	2.57	2.69	2.07	2.46					
	53			2.53	2.57	2.71	2.10	2.47					
	23.03			2.53	2.59	2.71	2.10	2.48					
	13			2.57	2.60	2.82	2.15	2.53					
	23			2.59	2.62	2.81	2.17	2.54	0.18				
	23.29	75%	7.50 T	7.74	7.32	9.50	6.84	7.85					
	39		3206 P.	7.92	7.50	9.68	6.98	8.02					
	49			7.99	7.51	9.68	6.98	8.04					
	59			8.02	7.51	9.69	6.99	8.05					
3/08/2017	00.09			8.02	7.51	9.69	7.04	8.06					
	15			8.02	7.51	9.69	7.04	8.06					
	25			8.02	7.51	9.69	7.06	8.07	0.22				
	00.27	100%	10 T	14.22	13.54	17.12	12.22	14.27					
	37		9274 P.	14.28	13.58	17.18	12.24	14.32					
	47			14.30	13.60	17.20	12.26	14.34					
	57			14.42	13.72	17.30	12.36	14.45					
	01.07			14.74	14.10	17.66	12.68	14.79					
	17			14.80	14.16	17.74	12.72	14.85					
	27			14.86	14.22	17.78	12.78	14.91	0.64				
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):					

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Parjang Tiang saat uji (m)		Sheet	
Location		Pile No.		Testing Date		Test Load (Ton)				2	
Pile Dia (mm)		Testing Date		COL (m)		Test Load (Ton)					
Working Load (Ton)		Test Load (Ton)		Parjang Tiang saat uji (m)							

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	37			14.88	14.26	17.82	12.82	14.94			
	47			15.07	14.41	18.03	12.96	15.12			
	57			15.26	14.57	18.25	13.11	15.30			
	02.07			15.45	14.72	18.46	13.26	15.47			
	17			15.64	14.88	18.68	13.41	15.65			
	27			15.84	15.04	18.90	13.56	15.83			
	02.30	125	12.5 ¹	30.14	26.10	34.96	24.94	29.03			
	40		594.13 ¹	30.20	26.20	35.06	25.04	29.12			
	50			30.36	26.30	35.16	25.14	29.24			
	03.00			30.42	26.36	35.20	25.18	29.29			
	10			30.46	26.40	35.24	25.24	29.33			
	20			30.52	26.56	35.32	25.32	29.43			
	30			30.58	26.66	35.34	25.38	29.49			
	40			30.60	26.68	35.36	25.41	29.51			
	50			30.63	26.70	35.38	25.42	29.53			
	04.00			30.65	26.72	35.40	25.43	29.55			
	10			30.66	26.72	35.40	25.43	29.55			
	20			30.66	26.72	35.40	25.43	29.55			
	30			30.66	26.72	35.40	25.43	29.55			
	04.32	150%		31.54	27.06	36.60	26.14	30.33			
	42			31.56	27.06	36.62	26.16	30.35			
	52			31.58	27.08	36.64	26.18	30.37			
	05.02			31.60	27.10	36.64	26.18	30.38			
	12			31.68	27.14	36.70	26.24	30.44			
	22			31.74	27.20	36.76	26.30	30.50			
	32			31.76	27.22	36.78	26.31	30.52			
	42			31.77	27.23	36.79	26.32	30.53			
	52			31.78	27.24	36.80	26.32	30.54	0.12		
	54	175	17.5	31.80	27.48	37.08	26.54	30.75			
	06.04			31.82	27.48	37.10	26.56	30.76			

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Pile No.		Elevasi dasar tiang (m)									
Location		Testing Date		Elevasi kepala tiang (m)									
Pile Dia (mm)		Test Load (Ton)		COL (m)									
Working Load (Ton)				Panjang Tiang saat uji (m)									

Date	Time	Load		Dial Gauge Reading					X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	06.00			31.93	27.49	37.13	26.58	30.78			
	24			31.94	27.49	37.15	26.60	30.79			
	34			31.94	27.49	37.15	26.60	30.79			
	44			31.94	27.49	37.15	26.60	30.79			
	54			31.94	27.49	37.15	26.60	30.79			
	07.00	200	20	32.48	27.64	38.02	26.84	31.24			
	10			32.50	27.64	38.06	26.88	31.27			
	20			32.54	27.64	38.10	26.92	31.30			
	30			32.56	27.64	38.11	26.94	31.31			
	40			32.58	27.64	38.12	26.96	31.32			
	50			32.62	27.67	38.13	27.02	31.36			
	08.00			32.66	27.70	38.14	27.08	31.39			
	10			32.68	27.72	38.18	27.08	31.42			
	20			32.70	27.76	38.24	27.08	31.44			
	30			32.70	27.78	38.26	27.08	31.45			
	40			32.70	27.78	38.26	27.08	31.45			
	50			32.70	27.78	38.26	27.08	31.45			
	09.00			32.70	27.78	38.26	27.08	31.45			
	10.00			32.76	27.78	38.28	27.14	31.49			
	11.00			32.82	27.78	38.36	27.18	31.53			
	12.00			32.82	27.78	38.36	27.18	31.53			
	13.00			32.82	27.78	38.36	27.18	31.53			
	14.00			33.56	27.82	38.38	27.60	31.84			
	15.00			33.67	27.82	38.38	27.66	31.88			
	16.00			33.74	27.82	38.38	27.66	31.90			
	17.00			33.82	27.85	38.50	27.70	31.96			
	18.00			33.88	27.85	38.51	27.74	32.00			
	19.00			34.02	27.88	38.72	27.80	32.10			

Tested by: Geotech Efathama	Witness by (1):	Witness by (2):
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DIAL GAUGES RECORDING FORM

Project		Pile No.		Elevasi dasar tiang (m)		Elevasi kepala tiang (m)		COL (m)		Panjang Tiang saat uji (m)		Sheet	
Location		Testing Date		COL (m)		COL (m)		COL (m)		COL (m)		COL (m)	
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)		Panjang Tiang saat uji (m)		Panjang Tiang saat uji (m)		Panjang Tiang saat uji (m)		Panjang Tiang saat uji (m)	
Date	Time	Load (%)	Load (Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average	X	Y	Remarks		
19.02	175%			32.90	26.81	37.34	26.73	30.94					
	12			32.89	26.79	37.31	26.73	30.93					
	22			32.89	26.77	37.29	26.70	30.91					
	32			32.85	26.77	37.29	26.69	30.90					
	42			32.85	26.77	37.29	26.69	30.90					
	52			32.85	26.77	37.29	26.69	30.90					
20.02				32.83	26.75	37.29	26.69	30.89					
20.04	150%			32.48	26.02	36.87	26.48	30.46					
	14			32.47	26.00	36.85	26.45	30.44					
	24			32.45	25.98	36.84	26.43	30.42					
	34			32.44	25.97	36.83	26.40	30.41					
	44			32.44	25.96	36.80	26.40	30.40					
	54			32.44	25.96	36.80	26.48	30.40					
21.04				32.44	25.96	36.80	26.48	30.40					
21.06	125%			32.10	25.65	35.00	26.08	29.70					
	16			32.08	25.63	34.98	26.06	29.68					
	26			32.07	25.60	34.97	26.05	29.67					
	36			32.05	25.59	34.95	26.03	29.65					
	46			32.05	25.59	34.94	26.03	29.65					
	56			32.04	25.53	34.93	26.03	29.65					
22.06				32.04	25.53	34.93	26.03	29.65					
22.08	140%			31.87	25.27	34.74	25.87	29.43					
	18			31.86	25.26	34.72	25.85	29.42					
	28			31.85	25.24	34.70	25.84	29.40					
	38			31.85	25.23	34.69	25.84	29.40					
	48			31.85	25.23	34.69	25.83	29.40					
	58			31.84	25.23	34.69	25.83	29.39					
23.08				31.84	25.23	34.69	25.83	29.39					

Tested by: Geotech Efathama

Witness by (1):

Witness by (2):

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Pile No.		Elevasi dasar tiang (m)								Sheet	
Location		Testing Date		Elevasi kepala tiang (m)									
Pile Dia (mm)				COL (m)									
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)									
Date	Time	Load		Dial Gauge Reading					X	Y	Remarks		
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average					
	23-10	75	7.5	31.48	25.04	31.27	25.53	29.08					
	20			31.43	25.02	31.25	25.56	29.05					
	30			31.41	25.00	31.24	25.49	29.04					
	40			31.40	24.98	31.23	25.49	29.02					
	50			31.40	24.97	31.20	25.48	29.01					
	00.00			31.40	24.97	31.20	25.48	29.01					
	10			31.40	24.97	31.20	25.48	29.01					
04/08/2017	00.12	50	5	30.87	24.56	33.57	25.10	28.52					
	22			30.85	24.53	33.54	25.07	28.49					
	32			30.82	24.51	33.51	25.05	28.47					
	42			30.79	24.48	33.48	25.03	28.44					
	52			30.78	24.45	33.47	25.01	28.42					
	01.02			30.77	24.41	33.46	25.01	28.41					
	12			30.77	24.40	33.46	25.01	28.41					
	15	0	0	29.87	23.98	32.15	24.08	27.52					
	25			29.86	23.94	32.13	24.05	27.49					
	35			29.82	23.91	32.10	24.01	27.46					
	45			29.78	23.88	32.07	23.98	27.40					
	55			29.75	23.85	32.04	23.95	27.37					
	02.05			29.74	23.83	32.01	23.93	27.35					
	15			29.74	23.83	31.98	23.91	27.34					
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):					

15:12
15:26

MONITORING PEMANCANGAN

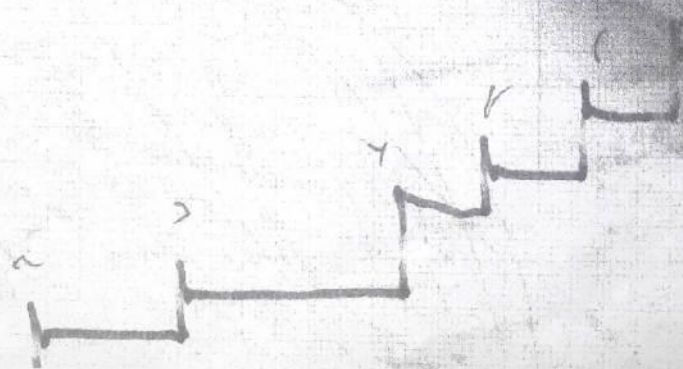
No Tiek Pancang: SLT-5
Jenis Tiang Pancang: 20/20
Hari/Tanggal: SENIN, 17-07-2017
Mulai Jam: 15:01
Selesai jam: 15:41

NO	SKET PANCANG	KOMULATIF PUKULAN	SKET PANCANG	KOMULATIF PUKULAN	KETERANGAN
MIDDLE	10m	226	20m		
	9.5m	206	19.5m		
	9m	189	19m		
	8.5m	170	18.5m		
	8m	156	18m		
	7.5m	142	17.5m		
	7m	131	17m		
	6.5m	116	16.5m		
	6m	100	16m		
	5.5m	87	15.5m		
	5m	77	15m		
	4.5m	69	14.5m		
	4m	63	14m		
	3.5m	56	13.5m		
	3m	48	13m		
	2.5m	38	12.5m		
	2m	27	12m	343	
	1.5m	12	11.5m	310	
	1m	8	11m	280	
	0.5m	3	10.5m	240	
BOTTOM	0m		10m		

20/5/0

20/5/0

17.07.74

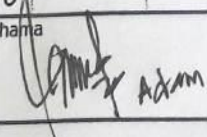
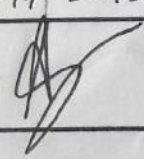


DIAL GAUGES RECORDING FORM

Project		REHABILITASI BANDARA S.B.		Elevasi dasar tiang (m)						Sheet		
Location		SAMARANG		Elevasi kepala tiang (m)						I		
Pile Dia (mm)		20 CM		COL (m)								
Working Load (Ton)		10000		Panjang Tiang saat uji (m)								
Testing Date		11-08-2017										
Test Load (Ton)		20 T										
Date	Time	Load		Dial Gauge Reading					X	Y	Remarks	
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average				
11/08/2017	19.30	0%	0 T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	test II
			0 P									
	19.32	25%	2.50 T	0.58	0.62	0.40	0.40	0.50	0.75	0.72		
	42		1068 P	0.60	0.62	0.40	0.40	0.50	0.75	0.72		
	52			0.60	0.62	0.40	0.40	0.50	0.76	0.72		
	20.02			0.60	0.64	0.40	0.40	0.51	0.76	0.74		
	12			0.60	0.64	0.42	0.40	0.51	0.76	0.74		
	22			0.62	0.68	0.44	0.40	0.53	0.77	0.74		
	32			0.62	0.68	0.44	0.40	0.53	0.79	0.76		
	20.34	50%	5 T	0.82	0.90	0.58	0.50	0.70	0.90	0.94		
44		2137 P	0.82	0.90	0.58	0.50	0.70	0.92	0.96			
54			0.84	0.90	0.60	0.52	0.71	0.92	0.96			
21.04			0.84	0.90	0.60	0.52	0.71	0.92	0.96			
14			0.86	0.92	0.60	0.52	0.72	0.93	0.96			
24			0.86	0.94	0.60	0.52	0.72	0.93	0.96			
34			0.86	0.94	0.60	0.52	0.72	0.93	0.96			
21.36	75%	7.50 T	1.12	1.22	0.80	0.66	0.95	1.29	1.19			
46		3206 P	1.18	1.26	0.82	0.70	0.99	1.31	1.20			
56			1.18	1.28	0.82	0.70	0.99	1.31	1.20			
22.06			1.18	1.28	0.82	0.70	0.99	1.31	1.21			
16			1.20	1.30	0.84	0.72	1.01	1.32	1.22			
26			1.22	1.32	0.84	0.74	1.03	1.33	1.22			
36			1.22	1.32	0.84	0.74	1.03	1.33	1.22			
22.38	100%	10 T	1.44	1.54	1.00	0.84	1.20	1.47	1.49			
48		4274 P	1.49	1.58	1.00	0.88	1.23	1.49	1.52			
58			1.49	1.58	1.00	0.92	1.23	1.51	1.53			
23.08			1.52	1.58	1.00	0.92	1.25	1.51	1.54			
18			1.52	1.58	1.00	0.92	1.25	1.53	1.54			
28			1.52	1.58	1.00	0.92	1.25	1.53	1.54			
38			1.54	1.58	1.02	0.92	1.26	1.53	1.56			
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):				

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)								Sheet		
Location		Pile No.	SLT.05	Elevasi kepala tiang (m)								
Pile Dia (mm)		Testing Date		COL (m)								
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)								
Date	Time	Load		Dial Gauge Reading						X	Y	Remarks
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average				
	23.40	1.25%	12.50T	1.80	1.90	1.22	1.08	1.50	1.79	1.78		
	50		5343.P	1.80	1.92	1.22	1.08	1.50	1.79	1.80		
12/08/2017	00.00			1.82	1.94	1.24	1.08	1.52	1.79	1.80		
	10			1.84	1.96	1.24	1.08	1.53	1.80	1.82		
	20			1.84	1.96	1.24	1.08	1.53	1.81	1.83		
	30			1.84	1.96	1.24	1.08	1.53	1.81	1.83		
	40			1.84	1.96	1.24	1.08	1.53	1.81	1.83		
	00.42	150%	15T	2.20	2.32	1.46	1.30	1.82	2.07	2.11		
	52		6412.P	2.24	2.34	1.46	1.30	1.83	2.08	2.11		
01.02				2.27	2.36	1.49	1.34	1.86	2.10	2.13		
	12			2.27	2.36	1.49	1.34	1.86	2.10	2.14		
	22			2.27	2.36	1.49	1.34	1.86	2.11	2.14		
	32			2.30	2.37	1.51	1.36	1.89	2.13	2.16		
	42			2.30	2.37	1.51	1.36	1.89	2.13	2.17		
	01.44	175%	17.50T	2.56	2.80	2.02	2.00	2.34	2.61	2.59		
	54		7480.P	2.58	2.82	2.04	2.04	2.37	2.62	2.61		
02.04				2.62	2.85	2.07	2.04	2.39	2.64	2.65		
	14			2.67	2.89	2.09	2.07	2.43	2.67	2.66		
	24			2.70	2.89	2.09	2.07	2.43	2.67	2.68		
	34			2.72	2.91	2.11	2.09	2.45	2.69	2.68		
	44			2.72	2.91	2.11	2.09	2.45	2.69	2.68		
	02.46	200%	20T	3.40	3.82	2.58	2.40	3.05	3.32	3.35		
	56		8549.P	3.42	3.82	2.58	2.40	3.05	3.35	3.38		
03.06				3.42	3.84	2.60	2.42	3.07	3.35	3.40		
	16			3.44	3.84	2.60	2.42	3.07	3.41	3.42		
	26			3.44	3.84	2.64	2.42	3.08	3.41	3.43		
	36			3.45	3.86	2.64	2.42	3.09	3.41	3.45		
	46			3.45	3.86	2.66	2.44	3.10	3.42	3.45		
	56			3.45	3.86	2.66	2.44	3.10	3.42	2.45		
	04.06			3.45	3.86	2.66	2.44	3.10	3.44	2.46		
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):				
												

DIAL GAUGES RECORDING FORM

GEOTECH EFATHAMA

Project		Elevasi dasar tiang (m)								Sheet	
Location		Pile No. SLT.05		Elevasi kepala tiang (m)							
Pile Dia (mm)		Testing Date		COL (m)							
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)							
Date	Time	Load		Dial Gauge Reading					X	Y	
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average			
	04.16			3.91	3.91	2.71	2.52	3.16		3.62	2.281
	26			3.63	4.04	2.75	2.59	3.25		3.70	2.81
	36			3.70	4.07	2.75	2.59	3.27		3.82	2.82
	46			3.80	4.13	2.78	2.62	3.33		3.90	2.85
	05.46			3.82	4.15	2.78	2.64	3.35		3.90	2.86
	06.46			4.00	4.18	2.93	2.83	3.48		4.08	3.16
	07.46			4.22	4.20	3.04	3.02	3.62		4.25	3.68
	08.46			4.45	4.30	3.10	3.21	3.76		4.40	3.92
	09.46			4.52	4.38	3.12	3.24	3.81		4.49	4.00
	10.46			4.60	4.42	3.12	3.20	3.86		4.51	4.03
	11.46			4.64	4.44	3.12	3.30	3.87		4.53	4.03
	12.46			4.64	4.44	3.12	3.31	3.88		4.53	4.03
	13.46			4.68	4.48	3.12	3.36	3.91		4.55	4.05
	14.46			4.68	4.48	3.12	3.36	3.91		4.55	4.05
	14.48	175%	1750.T	4.51	4.36	3.00	3.21	3.77		4.40	3.97
	58		6412.P	4.48	4.35	2.99	3.21	3.75		4.40	3.96
	15.08			4.48	4.34	2.99	3.18	3.74		4.38	3.96
	18			4.48	4.34	2.99	3.18	3.74		4.38	3.96
	28			4.47	4.32	2.97	3.18	3.73		4.37	3.95
	38			4.47	4.32	2.97	3.18	3.73		4.37	3.95
	48			4.47	4.32	2.97	3.18	3.73		4.37	3.95
	15.50	150%	15.T	4.29	4.12	2.81	3.01	3.55		4.22	3.80
	16.00		5343	4.25	4.10	2.81	3.01	3.54		4.20	3.79
	10			4.25	4.10	2.78	3.00	3.53		4.19	3.78
	20			4.25	4.10	2.78	2.97	3.52		4.16	3.77
	30			4.25	4.10	2.78	2.97	3.52		4.16	3.77
	40			4.25	4.10	2.78	2.97	3.52		4.16	3.77
	50			4.25	4.10	2.78	2.97	3.52		4.16	3.77
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):			

DIAL GAUGES RECORDING FORM

Project		Elevasi dasar tiang (m)										Sheet	
Location		Pile No.		Elevasi kepala tiang (m)									
Pile Dia (mm)		Testing Date		COL (m)									
Working Load (Ton)		Test Load (Ton)		Panjang Tiang saat uji (m)								IV	
Date	Time	Load		Dial Gauge Reading					X	Y	Remarks		
		(%)	(Ton)	Gauge 1	Gauge 2	Gauge 3	Gauge 4	Average					
	16.52	125%		4.02	3.89	2.62	2.87	3.35	4.00	3.68			
	17.02			4.00	3.89	2.60	2.85	3.33	4.00	3.65			
	12			3.98	3.87	2.60	2.85	3.32	4.00	3.65			
	22			3.98	3.87	2.60	2.85	3.32	4.00	3.65			
	32			3.98	3.87	2.60	2.85	3.32	4.00	3.65			
	42			3.98	3.87	2.60	2.85	3.32	3.97	3.65			
	52			3.98	3.87	2.60	2.85	3.32	3.97	3.65			
	17.54	100%		3.67	3.50	2.49	2.67	3.08	3.69	3.21			
	18.04			3.67	3.49	2.49	2.66	3.07	3.69	3.20			
	14			3.67	3.49	2.49	2.66	3.07	3.66	3.20			
	24			3.65	3.44	2.46	2.66	3.05	3.66	3.20			
	34			3.65	3.44	2.46	2.66	3.05	3.66	3.20			
	44			3.65	3.44	2.46	2.66	3.05	3.66	3.20			
	54			3.65	3.44	2.46	2.66	3.05	3.66	3.20			
	18.56	75%		3.40	3.29	2.35	2.46	2.87	3.56	2.90			
	19.06			3.37	3.29	2.35	2.44	2.86	3.47	2.80			
	16			3.37	3.29	2.34	2.44	2.86	3.47	2.80			
	26			3.36	3.27	2.32	2.44	2.84	3.47	2.87			
	36			3.36	3.27	2.32	2.44	2.84	3.46	2.86			
	46			3.36	3.27	2.32	2.44	2.84	3.46	2.86			
	56			3.36	3.27	2.32	2.44	2.84	3.46	2.86			
	19.58	50%		3.00	2.92	2.23	2.31	2.61	3.37	2.72			
	20.08			2.94	2.90	2.23	2.30	2.59	3.37	2.70			
	18			2.94	2.90	2.23	2.30	2.59	3.36	2.70			
	28			2.93	2.89	2.21	2.29	2.58	3.36	2.70			
	38			2.93	2.89	2.21	2.29	2.58	3.37	2.69			
	48			2.93	2.89	2.21	2.29	2.58	3.32	2.69			
	58			2.93	2.89	2.21	2.29	2.58	3.32	2.69			
Tested by: Geotech Efathama				Witness by (1):				Witness by (2):					

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SCHEDULE OF LOAD APPLICATION FOR AXIAL COMPRESSIVE LOADING TEST BASED ON ASTM D1143-07

04 04 04

PROJECT
LOCATION
PROCEDURE
DESIGN LOAD
MAX. TEST LOAD

Runway Bandara Samarinda Baru
Samarinda
CYCLIC LOADING
1.0 TONS
20 TONS

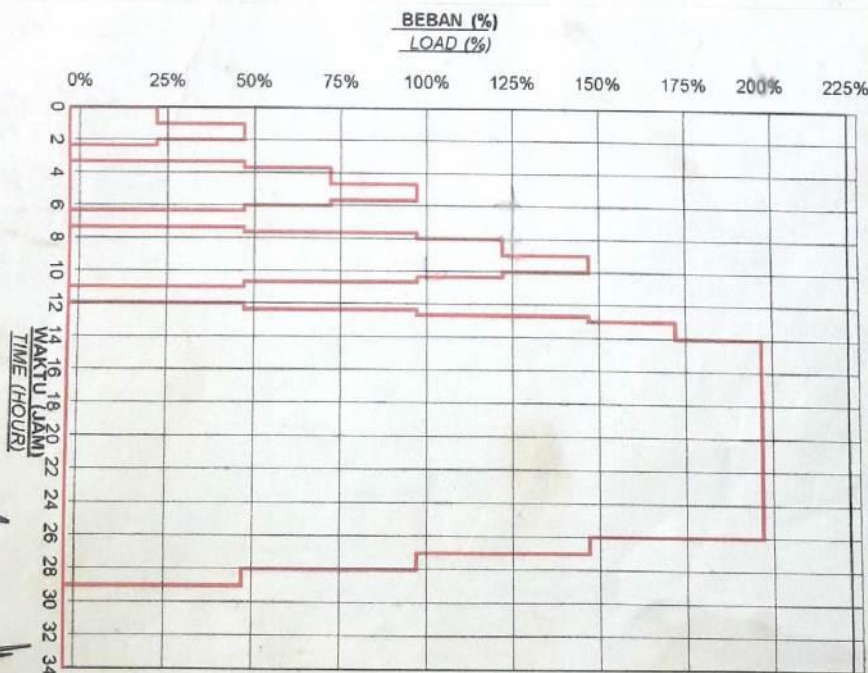
CAPACITY OF HYD. JACK

25 TONS

CYCLE NO	PERCENT OF DESIGN LOAD	TEST LOAD (TONS)	LOAD DURATION	STEP OF LOADING IN MINUTES	CORRELATION OIL PRESSURE & JACK FORCE PRODUCES	REMARK
I	0	0	-	0	PSI	
	25	2.5	A	0-10-20-30-40-50-60-70-80-90-100-110-120	1068.69 ✓	Mark SIMPLEX
	50	5	B	0-10-20-30-40-50-60	2137.37 ✓	Type J12510C
	25	2.5	C	0-10-20	1068.69 ✓	Capacity 25 TON
	0	0	B	0-10-20-30-40-50-60	0	
II	50	5	C	0-10-20	2137.37 ✓	Cyl. Bor Dia.
	75	7.5	A	0-10-20-30-40-50-60-70-80-90-100-110-120	3208.06 ✓	Cyl. Eff. Area
	100	10	B	0-10-20-30-40-50-60	4274.74 ✓	1 Lb : 453.6 gr
	75	7.5	C	0-10-20	3208.06 ✓	1000000
	50	5	C	0-10-21	2137.37	453.6
	0	0	B	0-10-20-30-40-50-60	0	
III	50	5	C	0-10-20	2137.37 ✓	2204.59 lbs
	100	10	C	0-10-20	4274.74 ✓	2204.59
	125	12.5	A	0-10-20-30-40-50-60-70-80-90-100-110-120	5161.11 ✓	5.16
	150	15	B	0-10-20-30-40-50-60	5161.11 ✓	1 ton : 427.474 psi
	125	12.5	C	0-10-20	5161.11 ✓	
	100	10	C	0-10-20	4274.74 ✓	
	50	5	C	0-10-20	2137.37	
	0	0	B	0-10-20-30-40-50-60	0	
IV	50	5	C	0-10-20	2137.37	
	100	10	B	0-10-20	4274.74	
	150	15	C	0-10-20	6412.11	
	175	17.5	A	0-10-20-30-40-50-60-70-80-90-100-110-120	7480.80	
	200	20	B	0-10-20-30-40-50-60-70-80-90-100-110-120	8549.48 ✓	
				And every 1 hour		
	150	15	B	0-10-20-30-40-50-60	6412.11	
	100	10	B	0-10-20-30-40-50-60	4274.74	
	50	5	B	0-10-20-30-40-50-60	2137.37	
	0	0	E	0-10-20-30-40-50-60-70-80-90-100-110-120	0	

NOTE

- A : 1 HOUR IF RATE OF SETT. < 0.25 MM/HOUR, MAX. 2 HOURS
- B : 20 MINUTES
- C : 12 HOURS IF RATE OF SETT. < 0.25 MM/HOUR, MAX. 24 HOURS
- D : 2 HOURS UNTIL REBOUND < 0.25 MM/HOUR, MAX. 12 HOURS
- E : 2 HOURS UNTIL REBOUND < 0.25 MM/HOUR, MAX. 12 HOURS



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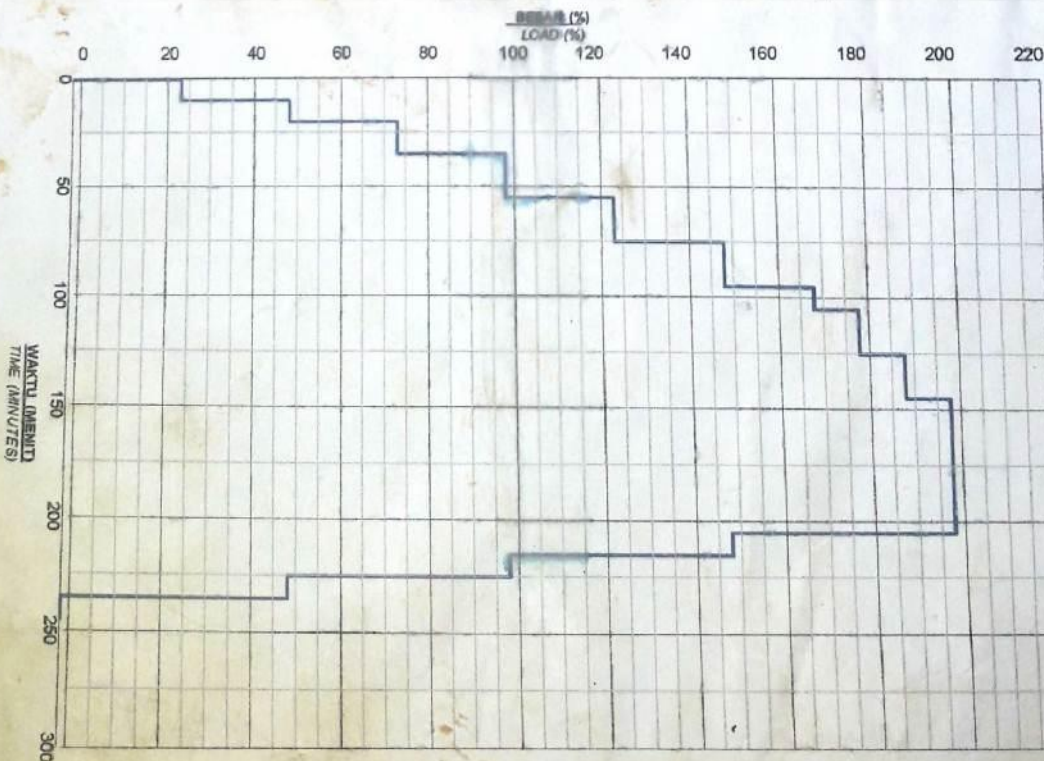
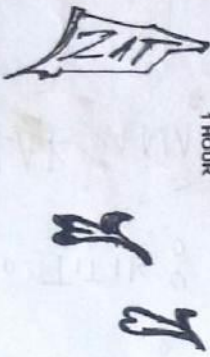
SCHEDULE OF LOAD APPLICATION FOR HORIZONTAL LOAD TEST BASED ON ASTM D3966 - 07

PROJECT : Runway Bandara Samarinda Baru
LOCATION : Samarinda
PROCEDURE : QUICK LOAD
DESIGN LOAD : 1.4 TONS
MAX. TEST LOAD : 2.8 TONS

CAPACITY OF HYD. JACK : 15 TONS

CYCLE NO	PERCENT OF DESIGN LOAD	TEST LOAD (TONS)	LOAD DURATION	STEP LOADING IN MINUTES	CORRELATION OIL PRESSURE & JACK FORCE PROFILES	
					PSI	REMA
	0	0.00	-	0	0	
	25	0.35	A	0-5-10	240.178	ENERPAC
	50	0.70	A	0-5-10	401.381	RC - 180
	75	1.05	B	0-5-10-15	752.827	Capacity : 16 TON
	100	1.40	C	0-5-10-15-20	982.702	Cyl. Bor Dia : 2.0"
	125	1.75	C	0-5-10-15-20	1228.878	Cyl. Area : 3.14 sq. inch
	150	2.10	C	0-5-10-15-20	1403	Capacity : 453.6 gr
	175	2.38	C	0-5-10-15-20	1594	
	190	2.52	C	0-5-10-15-20	1704	
	190	2.52	C	0-5-10-15-20	1867	1000000
	190	2.52	C	0-5-10-15-20	1919	
	200	2.80	D	0-5-10-15-20-25-30-35-40-45-50-55-60	1404	
	150	2.10	A	0-5-10	1063	453.6
	100	1.40	A	0-5-10	702	2204.69 lbs
	50	0.70	A	0-5-10	381	2204.69
	0	0.00	A	0-5-10	0	2.14

NOTES
A : 10 MINUTES
B : 15 MINUTES
C : 20 MINUTES
D : 1 HOUR



ST-05

**SCHEDULE OF LOAD APPLICATION FOR
AXIAL COMPRESSIVE LOADING TEST
BASED ON ASTM D1143-07**

PROJECT :
LOCATION :
PROCEDURE :
DESIGN LOAD :
MAX. TEST LOAD :
CAPACITY OF HYD. JACK :

25 TONS

Rerumy Bandara Samudra Barru
Samudra
Mambai Load
10 TONS
20 TONS

CYCLE NO	PERCENT OF DESIGN LOAD	TEST LOAD (TONS)	LOAD DURATION	STEP OF LOADING IN MINUTES	CORRELATION OIL PRESSURE & JACK FORCE PRODUCES	REMARK
0	0	0	-	0	0	
1	25	2.50	A	0-10-20-30-40-50-60-70-80-90-100-110-120	1068.69	Mark
2	50	5.00	A	0-10-20-30-40-50-60-70-80-90-100-110-120	2137.37	Type
3	75	7.50	A	0-10-20-30-40-50-60-70-80-90-100-110-120	3206.06	Capacity
4	100	10.00	A	0-10-20-30-40-50-60-70-80-90-100-110-120	4274.74	
5	125	12.50	A	0-10-20-30-40-50-60-70-80-90-100-110-120	5343.43	Cyl. Bor Dia.
6	150	15.00	A	0-10-20-30-40-50-60-70-80-90-100-110-120	6412.11	Cyl. Eff. Area
7	175	17.50	A	0-10-20-30-40-50-60-70-80-90-100-110-120	7480.80	
8	200	20.00	B	0-10-20-30-40-50-60-70-80-90-100-110-120	8549.48	
9	175	17.50	A	And every 1 hour	7480.80	
10	150	15.00	A	0-10-20-30-40-50-60-70-80-90-100-110-120	6412.11	1 ton
11	125	12.50	A	0-10-20-30-40-50-60-70-80-90-100-110-120	5343.43	
12	100	10.00	A	0-10-20-30-40-50-60-70-80-90-100-110-120	4274.74	
13	75	7.50	A	0-10-20-30-40-50-60-70-80-90-100-110-120	3206.06	
14	50	5.00	A	0-10-20-30-40-50-60-70-80-90-100-110-120	2137.37	
15	0	0.00	A	0-10-20-30-40-50-60-70-80-90-100-110-120	0	1 ton

: 427.474 psi

5.16

NOTE

A : 1 HOUR IF RATE OF SETT. <0.25 MM/HOUR, MAX. 2 HOURS
B : 12 HOURS IF RATE OF SETT. <0.25 MM/HOUR, MAX. 24 HOURS

