

# LAMPIRAN

## Lampiran A

### Tabel Distrubsi Gamma

TABLE A.9  
Gamma function

x	$\Gamma(x)$	x	$\Gamma(x)$	x	$\Gamma(x)$	x	$\Gamma(x)$
1.01	.99433	1.51	.88659	2.01	1.00427	2.51	1.33875
1.02	.98884	1.52	.88704	2.02	1.00862	2.52	1.34830
1.03	.98355	1.53	.88757	2.03	1.01306	2.53	1.35798
1.04	.97844	1.54	.88818	2.04	1.01758	2.54	1.36779
1.05	.97350	1.55	.88887	2.05	1.02218	2.55	1.37775
1.06	.96874	1.56	.88964	2.06	1.02687	2.56	1.38784
1.07	.96415	1.57	.89049	2.07	1.03164	2.57	1.39807
1.08	.95973	1.58	.89142	2.08	1.03650	2.58	1.40844
1.09	.95546	1.59	.89243	2.09	1.04145	2.59	1.41896
1.10	.95135	1.60	.89352	2.10	1.04649	2.60	1.42962
1.11	.94740	1.61	.89468	2.11	1.05161	2.61	1.44044
1.12	.94359	1.62	.89592	2.12	1.05682	2.62	1.45140
1.13	.93993	1.63	.89724	2.13	1.06212	2.63	1.46251
1.14	.93642	1.64	.89864	2.14	1.06751	2.64	1.47377
1.15	.93304	1.65	.90012	2.15	1.07300	2.65	1.48519
1.16	.92980	1.66	.90167	2.16	1.07857	2.66	1.49677
1.17	.92670	1.67	.90330	2.17	1.08424	2.67	1.50851
1.18	.92373	1.68	.90500	2.18	1.09000	2.68	1.52040
1.19	.92089	1.69	.90678	2.19	1.09585	2.69	1.53246
1.20	.91817	1.70	.90864	2.20	1.10180	2.70	1.54469
1.21	.91558	1.71	.91057	2.21	1.10785	2.71	1.55708
1.22	.91311	1.72	.91258	2.22	1.11399	2.72	1.56964
1.23	.91075	1.73	.91467	2.23	1.12023	2.73	1.58237
1.24	.90852	1.74	.91683	2.24	1.12657	2.74	1.59528
1.25	.90640	1.75	.91906	2.25	1.13300	2.75	1.60836
1.26	.90440	1.76	.92137	2.26	1.13954	2.76	1.62162
1.27	.90250	1.77	.92376	2.27	1.14618	2.77	1.63506
1.28	.90072	1.78	.92623	2.28	1.15292	2.78	1.64868
1.29	.89904	1.79	.92877	2.29	1.15976	2.79	1.66249
1.30	.89747	1.80	.93138	2.30	1.16671	2.80	1.67649
1.31	.89600	1.81	.93408	2.31	1.17377	2.81	1.69068
1.32	.89464	1.82	.93685	2.32	1.18093	2.82	1.70506
1.33	.89338	1.83	.93969	2.33	1.18819	2.83	1.71963
1.34	.89222	1.84	.94261	2.34	1.19557	2.84	1.73441
1.35	.89115	1.85	.94561	2.35	1.20305	2.85	1.74938
1.36	.89018	1.86	.94869	2.36	1.21065	2.86	1.76456
1.37	.88931	1.87	.95184	2.37	1.21836	2.87	1.77994
1.38	.88854	1.88	.95507	2.38	1.22618	2.88	1.79553
1.39	.88785	1.89	.95838	2.39	1.23412	2.89	1.81134
1.40	.88726	1.90	.96177	2.40	1.24217	2.90	1.82736
1.41	.88676	1.91	.96523	2.41	1.25034	2.91	1.84359
1.42	.88636	1.92	.96877	2.42	1.25863	2.92	1.86005
1.43	.88604	1.93	.97240	2.43	1.26703	2.93	1.87673
1.44	.88581	1.94	.97610	2.44	1.27556	2.94	1.89363
1.45	.88566	1.95	.97988	2.45	1.28421	2.95	1.91077
1.46	.88560	1.96	.98374	2.46	1.29298	2.96	1.92814
1.47	.88563	1.97	.98769	2.47	1.30188	2.97	1.94574
1.48	.88575	1.98	.99171	2.48	1.31091	2.98	1.96358
1.49	.88595	1.99	.99581	2.49	1.32006	2.99	1.98167
1.50	.88623	2.00	1	2.50	1.32934	3.00	2

## Lampiran B

Data Downtime Mesin Di Area WS 1 Produksi 1

<i>Mesin Sand Mixer Core</i>			
No	Tanggal Mulai	Tanggal Selesai	<i>Downtime</i>
1	08/08/2019	08/08/2019	2
2	21/08/2019	21/08/2019	1
3	27/09/2019	27/09/2019	1
Total <i>Downtime</i>			4

<i>Mesin Continous Mixer Core</i>			
No	Tanggal Mulai	Tanggal Selesai	<i>Downtime</i>
1	06/05/2019	06/05/2019	1
2	15/05/2019	15/05/2019	2
3	28/05/2019	28/05/2019	1
4	25/06/2019	25/06/2019	2
5	27/06/2019	27/06/2019	2
6	16/07/2019	16/07/2019	2
7	14/08/2019	14/08/2019	2
8	20/08/2019	20/08/2019	2
9	22/10/2019	22/10/2019	4
10	14/01/2020	14/01/2020	1
11	16/01/2020	16/01/2020	4
12	25/02/2020	25/02/2020	2
Total <i>Downtime</i>			25

<i>Mesin Continous Mixer Core CD</i>			
No	Tanggal Mulai	Tanggal Selesai	<i>Downtime</i>
1	15/04/2019	15/04/2019	2
2	18/04/2019	18/04/2019	4
3	29/04/2019	29/04/2019	4
4	08/05/2019	08/05/2019	1
5	14/05/2019	14/05/2019	1
6	21/05/2019	21/05/2019	1
7	13/06/2019	13/06/2019	3
8	18/06/2019	18/06/2019	1
9	26/06/2019	26/06/2019	2
10	27/06/2019	27/06/2019	2
11	16/07/2019	16/07/2019	2
12	25/07/2019	25/07/2019	2
13	07/08/2019	07/08/2019	3
14	29/08/2019	29/08/2019	1
15	11/09/2019	11/09/2019	4
16	07/10/2019	07/10/2019	1

17	14/10/2019	14/10/2019	1
18	18/10/2019	18/10/2019	1
19	30/10/2019	30/10/2019	1
20	11/11/2019	11/11/2019	2
21	18/11/2019	18/11/2019	1
22	27/11/2019	27/11/2019	1
23	03/01/2020	03/01/2020	3
24	06/01/2020	06/01/2020	3
25	22/01/2020	22/01/2020	3
26	04/02/2019	04/02/2019	3
27	20/02/2019	20/02/2019	2
<i>Total Downtime</i>			55

<i>Mesin Roll Over Stripping</i>			
No	Tanggal Mulai	Tanggal Selesai	<i>Downtime</i>
1	09/04/2019	09/04/2019	4
2	15/04/2019	15/04/2019	4
3	25/04/2019	25/04/2019	4
4	30/04/2019	30/04/2019	5
5	06/05/2019	06/05/2019	1
6	15/05/2019	15/05/2019	2
7	17/05/2019	17/05/2019	4
8	17/06/2019	17/06/2019	2
9	10/07/2019	10/07/2019	2
10	22/07/2019	22/07/2019	3
11	02/08/2019	02/08/2019	1
12	11/09/2019	11/09/2019	2
13	17/09/2019	17/09/2019	2
14	26/09/2019	26/09/2019	2
15	08/10/2019	08/10/2019	3
16	06/12/2019	06/12/2019	1
17	12/12/2019	12/12/2019	2
18	20/12/2019	20/12/2019	3
19	03/02/2020	03/02/2020	2
20	06/02/2020	06/02/2020	2
21	18/02/2020	18/02/2020	2
22	24/02/2020	24/02/2020	1
<i>Total Downtime</i>			54

<i>Mesin Arc Furnace 5 Ton</i>			
No	Tanggal Mulai	Tanggal Selesai	<i>Downtime</i>

1	13/05/2019	13/05/2019	2
2	12/08/2019	12/08/2019	168
3	17/09/2019	17/09/2019	2
4	03/12/2019	03/12/2019	3
5	10/12/2019	10/12/2019	1
6	13/12/2019	13/12/2019	1
<i>Total Downtime</i>			177

