

DAFTAR PUSTAKA

- Ahyari, A. (1990). *Manajemen Produksi Edisi Keempat Jilid Kedua*. BPFE.
- Allen, T. T. (2005). Introduction to Engineering Statistics and Six Sigma. In *Technometrics* (Vol. 49, Issue 2). Springer.
<https://doi.org/10.1198/tech.2007.s489>
- Dyah Rachmawati R, & Ulkhaq, M. M. (2016). Aplikasi metode seven tools dengan menerapkan 5W+1H untuk mengurangi produk cacat pada PT. Berlina, TBK. *Industrial Engineering Journal*, 5(4).
- Feigenbaum, A. V. (1992). *Kendali Mutu Terpadu Edisi Ketiga (Ketiga)*. Erlangga.
- Gasperz, V. (2002). *Pedoman Implementasi Six Sigma Terintegrasi dengan ISO 9001:2000, MBNQA dan HACCP*. PT. Gramedia Pustaka utama.
- Gasperz, V. (2003). *Total Quality management (Ketiga)*. PT. SUN.
- Gasperz, V. (2005). *Total Quality Management*. PT. Gramedia Pustaka utama.
- Harry, M., & Schroeder, R. (2000). *Six Sigma. The Breakthrough Management Strategy Revolutionizing the World's Top Corporations*. Double Day.
- Mayangsari, D. F., Adiarto, H., & Yuniati, Y. (2015). USULAN PENGENDALIAN KUALITAS PRODUK ISOLATOR DENGAN METODE FAILURE MODE AND EFFECT ANALYSIS (FMEA) DAN FAULT TREE ANALYSIS (FTA). *ITENAS*, 3(2).
- Nasution, N. (2015). *Manajemen Mutu Terpadu (ketiga)*. Penerbit Ghalia

Indonesia.

Nur, R., & Suyuti, M. A. (2017). *Pengantar Sistem Manufaktur*. Deepublish.

Pande, P. S., Neuman, R. P., & Cavanagh, R. R. (2000). *THE SIX SIGMA WAY; How GE, Motorola, and Other Top Companies Are Honing Their Performance*. McGraw-Hill.

Rohami, I. R., Khawarita, & Anizar. (2013). Usulan Perbaikan Kualitas Produk Mie Instan Dengan Metode Six Sigma dan Failure Mode Effect Analysis (FMEA) di PT. XY. *E-Jurnal Teknik Industri FT USU*, 8(2).

Tannady, H. (2015). *Pengendalian Kualitas*. Graha Ilmu.

Wahyuni, Sulistyowati, & Khamim. (2015). *Pengendalian Kualitas : Aplikasi pada Industri Jasa dan Manufaktur dengan Lean, Six Sigma dan Servqual*. Graha Ilmu.

Yuri, & Rahmat. (2013). *Manajemen Kualitas Total dalam Perspektif*. Indeks.

LAMPIRAN

Lampiran 1 Jumlah Produksi dan Defect

No	Tanggal	Produksi	Defect
1	43837	312.14	7.26
2	43838	324.03	8.13
3	43839	442.09	6.38
4	43840	466.28	4.73
5	43844	375.97	3.5
6	43845	403.01	5.2
7	43846	364.58	2.43
8	43850	430.98	3.89
9	43851	349.4	2.26
10	43854	352.35	1.5
11	43858	373.37	8
12	43859	339.91	4.5
13	43860	355.99	3.53
14	43861	413.18	12.8
15	43864	336.8	1.5
16	43865	448.7	3.98
17	43866	403.52	8.34
18	43867	329.7	2.92
19	43868	463.17	7.25
20	43871	456.08	3.48

21	43872	460.91	1.8
22	43873	384.7	8.86
23	43874	459.27	2.82
24	43875	430.79	5.74
25	43878	451.62	0.77
26	43879	392.08	5.62
27	43880	383.74	9.09
28	43881	346.01	0.56
29	43882	327.55	5.34
30	43886	320.42	3.08
31	43887	459.02	1.7
32	43889	371	13.94
33	43952	428.28	8.7
34	43955	439.81	5.9
35	43956	406.8	3.9
36	43957	393.63	1.83
37	43962	371.7	0.47
38	43963	407.76	7.84
39	43964	472.44	0.21
40	43965	376.12	1.26
41	43969	392.07	1.28
42	43976	408.63	3.38
43	43977	443.42	1.71
44	43978	429.49	3.27
45	43979	364.96	4.65
46	43980	375.47	2.72
47	43984	46.405	0.7

48	43990	231.5	4.115
49	43991	402.9	9.75
50	43992	352.3	6.35
51	43993	403.44	6.21
52	43994	550	8.25
53	43997	380	2.97
54	43998	220.3	2.15
55	43999	230.75	0.9
56	44000	362.25	1.8
57	44001	390.8	2.8
58	44005	320	4.2
59	44006	250.1	1.025
60	44007	320	12.2
61	44008	330	6.2
62	44011	260	9.4
63	44012	370.2	3.8
64	44014	419.63	11.67
65	44015	395.72	4.48
66	44019	392.93	5.61
67	44020	457.46	1.19
68	44022	376.03	1.22
69	44025	364.17	1.36
70	44027	371.6	5.79
71	44028	449.7	3.66
72	44032	358.93	6.41
73	44033	369.51	8.86
74	44034	445.91	3.38

75	44035	470.77	7.01
76	44036	335.67	1.32
77	44039	440.98	7.59
78	44040	465.2	2.39
79	44042	318.46	12.15
80	44043	477.53	4.21
Total		30570.09	367.84
Average		382.1261	4.776576

Lampiran 2 Uraian Kecacatan

No	Tanggal	Defect					TOTAL
		Bintik	Kehitaman	Jamur	Hijau	Kemerahan	
1	1/7/2020	3.65				3.61	7.26
2	1/8/2020	0.40				7.73	8.13
3	1/9/2020	2.38				4.00	6.38
4	1/10/2020					4.73	4.73
5	1/14/2020					3.50	3.50
6	1/15/2020		2.07			3.13	5.20
7	1/16/2020		2.43				2.43
8	1/20/2020		3.89				3.89
9	1/21/2020		2.26				2.26
10	1/24/2020			1.50			1.50
11	1/28/2020				8.00		8.00
12	1/29/2020	1.81		2.69			4.50
13	1/30/2020	1.85		1.68			3.53
14	1/31/2020	4.00	3.05	2.70		3.05	12.80

15	2/3/2020		1.50				1.50
16	2/4/2020	3.98					3.98
17	2/5/2020	3.84	2.17	2.33			8.34
18	2/6/2020			2.92			2.92
19	2/7/2020	2.63				4.62	7.25
20	2/10/2020		1.32	2.16			3.48
21	2/11/2020			1.80			1.80
22	2/12/2020	2.10				6.76	8.86
23	2/13/2020		2.82				2.82
24	2/14/2020	3.90	1.84				5.74
25	2/17/2020		0.77				0.77
26	2/18/2020					5.62	5.62
27	2/19/2020	2.33				6.76	9.09
28	2/20/2020			0.56			0.56
29	2/21/2020					5.34	5.34
30	2/25/2020	3.08					3.08
31	2/26/2020				1.70		1.70
32	2/28/2020	3.75		2.87		7.32	13.94
33	5/1/2020	3.78	1.85	1.62		1.45	8.70
34	5/4/2020		1.80		1.60	2.50	5.90
35	5/5/2020					3.90	3.90
36	5/6/2020	1.74		0.09			1.83
37	5/11/2020		0.47				0.47
38	5/12/2020	3.23	1.05			3.56	7.84
39	5/13/2020					0.21	0.21
40	5/14/2020	1.26					1.26
41	5/18/2020	1.28					1.28

42	5/25/2020		2.13	1.25			3.38
43	5/26/2020			1.71			1.71
44	5/27/2020					3.27	3.27
45	5/28/2020	2.00		1.33		1.32	4.65
46	5/29/2020			2.72			2.72
47	6/2/2020		0.70				0.70
48	6/8/2020		4.12				4.12
49	6/9/2020	2.00	1.75	6.00			9.75
50	6/10/2020	1.65		0.70		4.00	6.35
51	6/11/2020	0.50	2.36	3.35			6.21
52	6/12/2020					8.25	8.25
53	6/15/2020					2.97	2.97
54	6/16/2020					2.15	2.15
55	6/17/2020			0.90			0.90
56	6/18/2020					1.80	1.80
57	6/19/2020			1.00		1.80	2.80
58	6/23/2020					4.20	4.20
59	6/24/2020	1.03					1.03
60	6/25/2020	5.20	3.00			4.00	12.20
61	6/26/2020	2.40	1.20	2.60			6.20
62	6/29/2020	1.10	0.70	1.20		6.40	9.40
63	6/30/2020	2.00	1.10	0.70			3.80
64	7/2/2020		2.46	2.76		6.45	11.67
65	7/3/2020			2.87		1.61	4.48
66	7/7/2020	2.84		2.77			5.61
67	7/8/2020					1.19	1.19
68	7/10/2020		1.22				1.22

69	7/13/2020	1.36					1.36
70	7/15/2020					5.79	5.79
71	7/16/2020		3.66				3.66
72	7/20/2020		2.85			3.56	6.41
73	7/21/2020		3.08			5.78	8.86
74	7/22/2020	3.38					3.38
75	7/23/2020	3.71	3.30				7.01
76	7/24/2020			1.32			1.32
77	7/27/2020	1.90	3.12	2.57			7.59
78	7/28/2020			2.39			2.39
79	7/30/2020	2.88	2.61	1.57		5.09	12.15
80	7/31/2020					4.21	4.21
	TOTAL	84.94	68.65	62.63		151.63	367.84
	AVERAGE	1.06	0.86	0.78	0.00	1.90	4.60