

LAMPIRAN

PERHITUNGAN PENGUJIAN ALAT

1. Perhitungan Error

- a. Pengendalian tekanan prose kontinyu dengan set point 40 cmH₂O

Persamaan :

$$\text{Error} = \text{Set Point} - \text{Measurement Variable}$$

Diketahui : Set point = 40 cmH₂O

Measurement variable = Tekanan (cmH₂O)

Waktu (tiap 5 detik)	Tekanan (cm air)	Error	%Error
5	8	32	80
10	10	30	75
15	12	28	70
20	13	27	67,5
25	20	20	50
30	17	23	57,5
35	20	20	50
40	22	18	45
45	25	15	37,5
50	26	14	35
55	31	9	22,5
60	30	10	25
65	39	1	2,5
70	35	5	12,5
75	41	-1	2,5
80	36	4	10
85	38	2	5

90	39	1	2,5
95	42	-2	5
100	39	1	2,5
105	43	-3	7,5
110	41	-1	2,5
115	40	0	0
120	40	0	0
125	38	2	5
130	43	-3	7,5
135	43	-3	7,5
140	39	1	2,5
145	38	2	5
150	40	0	0
155	41	-1	2,5
160	38	2	5

$$\%Error = \frac{\sum error}{32} = \frac{632,5}{32} = 19,7$$

- Waktu = 5 → detik Error = 40 cmH₂O – 8 cmH₂O = 32 cmH₂O
- Waktu = 10 → detik Error = 40 cmH₂O – 10 cmH₂O = 30 cmH₂O
- Waktu = 15 → detik Error = 40 cmH₂O – 12 cmH₂O = 28 cmH₂O
- Waktu = 20 → detik Error = 40 cmH₂O – 13 cmH₂O = 27 cmH₂O
- Waktu = 25 → detik Error = 40 cmH₂O – 20 cmH₂O = 20 cmH₂O
- Waktu = 30 → detik Error = 40 cmH₂O – 17 cmH₂O = 23 cmH₂O
- Waktu = 35 → detik Error = 40 cmH₂O – 20 cmH₂O = 20 cmH₂O
- Waktu = 40 → detik Error = 40 cmH₂O – 22 cmH₂O = 18 cmH₂O
- Waktu = 45 → detik Error = 40 cmH₂O – 25 cmH₂O = 14 cmH₂O
- Waktu = 50 → detik Error = 40 cmH₂O – 26 cmH₂O = 14 cmH₂O
- Waktu = 55 → detik Error = 40 cmH₂O – 31 cmH₂O = 9 cmH₂O
- Waktu = 60 → detik Error = 40 cmH₂O – 30 cmH₂O = 10 cmH₂O

- Waktu = 65 → detik Error = 40 cmH₂O – 39 cmH₂O = 1 cmH₂O
- Waktu = 70 → detik Error = 40 cmH₂O – 35 cmH₂O = 5 cmH₂O
- Waktu = 75 → detik Error = 40 cmH₂O – 41 cmH₂O = -1 cmH₂O
- Waktu = 80 → detik Error = 40 cmH₂O – 36 cmH₂O = 4 cmH₂O
- Waktu = 85 → detik Error = 40 cmH₂O – 38 cmH₂O = 2 cmH₂O
- Waktu = 90 → detik Error = 40 cmH₂O – 39 cmH₂O = 1 cmH₂O
- Waktu = 95 → detik Error = 40 cmH₂O – 42 cmH₂O = -2 cmH₂O
- Waktu = 100 → detik Error = 40 cmH₂O – 39 cmH₂O = 1 cmH₂O
- Waktu = 105 → detik Error = 40 cmH₂O – 43 cmH₂O = -3 cmH₂O
- Waktu = 110 → detik Error = 40 cmH₂O – 41 cmH₂O = -1 cmH₂O
- Waktu = 115 → detik Error = 40 cmH₂O – 40 cmH₂O = 0 cmH₂O
- Waktu = 120 → detik Error = 40 cmH₂O – 40 cmH₂O = 0 cmH₂O
- Waktu = 125 → detik Error = 40 cmH₂O – 38 cmH₂O = 2 cmH₂O
- Waktu = 130 → detik Error = 40 cmH₂O – 43 cmH₂O = -3 cmH₂O
- Waktu = 135 → detik Error = 40 cmH₂O – 43 cmH₂O = -3 cmH₂O
- Waktu = 140 → detik Error = 40 cmH₂O – 39 cmH₂O = 1 cmH₂O
- Waktu = 145 → detik Error = 40 cmH₂O – 38 cmH₂O = 2 cmH₂O
- Waktu = 150 → detik Error = 40 cmH₂O – 40 cmH₂O = 0 cmH₂O
- Waktu = 155 → detik Error = 40 cmH₂O – 41 cmH₂O = -1 cmH₂O
- Waktu = 160 → detik Error = 40 cmH₂O – 42 cmH₂O = 2 cmH₂O

b. Pengendalian tekanan prose kontinyu dengan set point 30 cmH₂O

Persamaan :

$$\text{Error} = \text{Set Point} - \text{Measurement Variable}$$

Diketahui : Set point = 30 cmH₂O

Measurement variable = Tekanan (cmH₂O)

Waktu (tiap 5 detik)	Tekanan (cm air)	Error	%Error
5	6	24	80
10	8	22	73,33
15	12	18	60
20	16	14	46,66
25	16	14	46,66
30	19	11	36,66
35	20	10	33,33
40	23	7	23,33
45	26	4	13,33
50	28	2	6,66
55	26	4	13,33
60	29	1	3,33
65	28	2	6,66
70	29	1	3,33
75	27	3	10
80	26	4	13,3
85	29	1	3,33
90	27	3	10
95	27	3	10
100	28	2	6,66
105	32	-2	6,66
110	32	-2	6,66
115	30	0	0
120	29	1	3,33
125	28	2	6,66

130	30	0	0
135	30	0	0
140	29	1	3,33
145	31	-1	-0,33
150	30	0	0
155	29	1	3,33
160	28	2	6,66
165	30	0	0

$$\%Error = \frac{\sum error}{33} = \frac{536,2}{33} = 16,2$$

- Waktu = 5 → detik Error = 30 cmH₂O – 6 cmH₂O = 24 cmH₂O
- Waktu = 10 → detik Error = 30 cmH₂O – 8 cmH₂O = 22 cmH₂O
- Waktu = 15 → detik Error = 30 cmH₂O – 12 cmH₂O = 18 cmH₂O
- Waktu = 20 → detik Error = 30 cmH₂O – 16 cmH₂O = 14 cmH₂O
- Waktu = 25 → detik Error = 30 cmH₂O – 16 cmH₂O = 14 cmH₂O
- Waktu = 30 → detik Error = 30 cmH₂O – 19 cmH₂O = 11 cmH₂O
- Waktu = 35 → detik Error = 30 cmH₂O – 20 cmH₂O = 10 cmH₂O
- Waktu = 40 → detik Error = 30 cmH₂O – 23 cmH₂O = 7 cmH₂O
- Waktu = 45 → detik Error = 30 cmH₂O – 26 cmH₂O = 4 cmH₂O
- Waktu = 50 → detik Error = 30 cmH₂O – 28 cmH₂O = 2 cmH₂O
- Waktu = 55 → detik Error = 30 cmH₂O – 26 cmH₂O = 4 cmH₂O
- Waktu = 60 → detik Error = 30 cmH₂O – 29 cmH₂O = 1 cmH₂O
- Waktu = 65 → detik Error = 30 cmH₂O – 28 cmH₂O = 2 cmH₂O
- Waktu = 70 → detik Error = 30 cmH₂O – 29 cmH₂O = 1 cmH₂O
- Waktu = 75 → detik Error = 30 cmH₂O – 27 cmH₂O = 3 cmH₂O
- Waktu = 80 → detik Error = 30 cmH₂O – 26 cmH₂O = 4 cmH₂O
- Waktu = 85 → detik Error = 30 cmH₂O – 29 cmH₂O = 1 cmH₂O

- Waktu = 90 → detik Error = 30 cmH₂O – 27 cmH₂O = 3 cmH₂O
- Waktu = 95 → detik Error = 30 cmH₂O – 27 cmH₂O = 3 cmH₂O
- Waktu = 100 → detik Error = 30 cmH₂O – 28 cmH₂O = 2 cmH₂O
- Waktu = 105 → detik Error = 30 cmH₂O – 32 cmH₂O = -2 cmH₂O
- Waktu = 110 → detik Error = 30 cmH₂O – 32 cmH₂O = -2 cmH₂O
- Waktu = 115 → detik Error = 30 cmH₂O – 30 cmH₂O = 0 cmH₂O
- Waktu = 120 → detik Error = 30 cmH₂O – 29 cmH₂O = 1 cmH₂O
- Waktu = 125 → detik Error = 30 cmH₂O – 28 cmH₂O = 2 cmH₂O
- Waktu = 130 → detik Error = 30 cmH₂O – 30 cmH₂O = 0 cmH₂O
- Waktu = 135 → detik Error = 30 cmH₂O – 30 cmH₂O = 0 cmH₂O
- Waktu = 140 → detik Error = 30 cmH₂O – 29 cmH₂O = 1 cmH₂O
- Waktu = 145 → detik Error = 30 cmH₂O – 31 cmH₂O = -1 cmH₂O
- Waktu = 150 → detik Error = 30 cmH₂O – 30 cmH₂O = 0 cmH₂O
- Waktu = 155 → detik Error = 30 cmH₂O – 29 cmH₂O = 1 cmH₂O
- Waktu = 160 → detik Error = 30 cmH₂O – 28 cmH₂O = 2 cmH₂O
- Waktu = 165 → detik Error = 30 cmH₂O – 30 cmH₂O = 0 cmH₂O

c. Pengendalian tekanan prose kontinyu dengan set point 20 cmH₂O

Persamaan :

$$\text{Error} = \text{Set Point} - \text{Measurement Variable}$$

Diketahui : Set point = 32 cmH₂O

Measurement variable = Tekanan (cmH₂O)

Waktu (tiap 5 detik)	Tekanan (cm air)	Error	%Error
5	6	14	70
10	13	7	35
15	22	-2	10
20	22	-2	10
25	20	0	0
30	19	1	5
35	22	-2	10
40	22	-2	10
45	18	2	10
50	20	0	0
55	20	0	0
60	21	-1	5
65	18	2	10
70	20	0	0
75	18	2	10
80	20	0	0
85	20	0	0

$$\%Error = \frac{\sum error}{17} = \frac{95}{17} = 5,5$$

- Waktu = 5 → detik Error = 20 cmH₂O – 6 cmH₂O = 4 cmH₂O
- Waktu = 10 → detik Error = 20 cmH₂O – 13 cmH₂O = 7 cmH₂O
- Waktu = 15 → detik Error = 20 cmH₂O – 22 cmH₂O = -2 cmH₂O
- Waktu = 20 → detik Error = 20 cmH₂O – 22 cmH₂O = -2 cmH₂O
- Waktu = 25 → detik Error = 20 cmH₂O – 20 cmH₂O = 2 cmH₂O
- Waktu = 30 → detik Error = 20 cmH₂O – 19 cmH₂O = 1 cmH₂O
- Waktu = 35 → detik Error = 20 cmH₂O – 22 cmH₂O = -2 cmH₂O
- Waktu = 40 → detik Error = 20 cmH₂O – 22 cmH₂O = -2 cmH₂O
- Waktu = 45 → detik Error = 20 cmH₂O – 18 cmH₂O = 2 cmH₂O
- Waktu = 50 → detik Error = 20 cmH₂O – 20 cmH₂O = 0 cmH₂O
- Waktu = 55 → detik Error = 20 cmH₂O – 20 cmH₂O = 0 cmH₂O
- Waktu = 60 → detik Error = 20 cmH₂O – 21 cmH₂O = -1 cmH₂O
- Waktu = 65 → detik Error = 20 cmH₂O – 18 cmH₂O = 2 cmH₂O
- Waktu = 70 → detik Error = 20 cmH₂O – 20 cmH₂O = 0 cmH₂O
- Waktu = 75 → detik Error = 20 cmH₂O – 18 cmH₂O = 2 cmH₂O
- Waktu = 80 → detik Error = 20 cmH₂O – 20 cmH₂O = 0 cmH₂O
- Waktu = 85 → detik Error = 20 cmH₂O – 20 cmH₂O = 0 cmH₂O

2. Pembacaan Data Sistem Pengendalian Tekanan

2.1 Proses Kontinyu Set Point 40 cm air

No	Date&Time	Pressure
1	04/07/2014 13:06:28	0
2	04/07/2014 13:06:29	9
3	04/07/2014 13:06:30	8

4	04/07/2014 13:06:31	9
5	04/07/2014 13:06:32	8
6	04/07/2014 13:06:33	9
7	04/07/2014 13:06:33	10
8	04/07/2014 13:06:34	8
9	04/07/2014 13:06:35	10
10	04/07/2014 13:06:36	10
11	04/07/2014 13:06:37	8
12	04/07/2014 13:06:38	9
13	04/07/2014 13:06:39	7
14	04/07/2014 13:06:40	10
15	04/07/2014 13:06:41	12
16	04/07/2014 13:06:42	9
17	04/07/2014 13:06:42	14
18	04/07/2014 13:06:43	12
19	04/07/2014 13:06:44	10

20	04/07/2014 13:06:45	13
21	04/07/2014 13:06:46	12
22	04/07/2014 13:06:47	16
23	04/07/2014 13:06:48	14
24	04/07/2014 13:06:49	14
25	04/07/2014 13:06:50	20
26	04/07/2014 13:06:50	14
27	04/07/2014 13:06:51	19
28	04/07/2014 13:06:52	16
29	04/07/2014 13:06:53	17
30	04/07/2014 13:06:54	17
31	04/07/2014 13:06:55	18
32	04/07/2014 13:06:56	19
33	04/07/2014 13:06:57	17
34	04/07/2014 13:06:58	22
35	04/07/2014 13:06:58	20

36	04/07/2014 13:06:59	20
37	04/07/2014 13:07:00	20
38	04/07/2014 13:07:01	21
39	04/07/2014 13:07:02	26
40	04/07/2014 13:07:03	22
41	04/07/2014 13:07:04	24
42	04/07/2014 13:07:05	25
43	04/07/2014 13:07:06	23
44	04/07/2014 13:07:06	32
45	04/07/2014 13:07:07	25
46	04/07/2014 13:07:08	25
47	04/07/2014 13:07:09	28
48	04/07/2014 13:07:10	26
49	04/07/2014 13:07:11	28
50	04/07/2014 13:07:12	26
51	04/07/2014 13:07:13	27

52	04/07/2014 13:07:14	32
53	04/07/2014 13:07:15	27
54	04/07/2014 13:07:15	32
55	04/07/2014 13:07:16	31
56	04/07/2014 13:07:17	29
57	04/07/2014 13:07:18	31
58	04/07/2014 13:07:19	30
59	04/07/2014 13:07:20	36
60	04/07/2014 13:07:21	30
61	04/07/2014 13:07:22	35
62	04/07/2014 13:07:23	32
63	04/07/2014 13:07:23	35
64	04/07/2014 13:07:24	31
65	04/07/2014 13:07:25	39
66	04/07/2014 13:07:26	33
67	04/07/2014 13:07:27	36

68	04/07/2014 13:07:28	33
69	04/07/2014 13:07:29	37
70	04/07/2014 13:07:30	35
71	04/07/2014 13:07:31	38
72	04/07/2014 13:07:31	35
73	04/07/2014 13:07:32	36
74	04/07/2014 13:07:33	36
75	04/07/2014 13:07:34	41
76	04/07/2014 13:07:35	36
77	04/07/2014 13:07:36	40
78	04/07/2014 13:07:37	36
79	04/07/2014 13:07:38	44
80	04/07/2014 13:07:39	36
81	04/07/2014 13:07:39	40
82	04/07/2014 13:07:40	36
83	04/07/2014 13:07:41	40

84	04/07/2014 13:07:42	36
85	04/07/2014 13:07:43	38
86	04/07/2014 13:07:44	38
87	04/07/2014 13:07:45	40
88	04/07/2014 13:07:46	37
89	04/07/2014 13:07:47	38
90	04/07/2014 13:07:48	39
91	04/07/2014 13:07:48	39
92	04/07/2014 13:07:49	38
93	04/07/2014 13:07:50	42
94	04/07/2014 13:07:51	39
95	04/07/2014 13:07:52	42
96	04/07/2014 13:07:53	38
97	04/07/2014 13:07:54	39
98	04/07/2014 13:07:55	40
99	04/07/2014 13:07:56	46

100	04/07/2014 13:07:56	39
101	04/07/2014 13:07:57	38
102	04/07/2014 13:07:58	39
103	04/07/2014 13:07:59	41
104	04/07/2014 13:08:00	40
105	04/07/2014 13:08:01	43
106	04/07/2014 13:08:02	39
107	04/07/2014 13:08:03	40
108	04/07/2014 13:08:04	38
109	04/07/2014 13:08:04	40
110	04/07/2014 13:08:05	41
111	04/07/2014 13:08:06	39
112	04/07/2014 13:08:07	40
113	04/07/2014 13:08:08	40
114	04/07/2014 13:08:09	44
115	04/07/2014 13:08:10	40

116	04/07/2014 13:08:11	41
117	04/07/2014 13:08:12	38
118	04/07/2014 13:08:12	38
119	04/07/2014 13:08:13	41
120	04/07/2014 13:08:14	40
121	04/07/2014 13:08:15	40
122	04/07/2014 13:08:16	37
123	04/07/2014 13:08:17	43
124	04/07/2014 13:08:18	39
125	04/07/2014 13:08:19	38
126	04/07/2014 13:08:20	38
127	04/07/2014 13:08:20	39
128	04/07/2014 13:08:21	42
129	04/07/2014 13:08:22	40
130	04/07/2014 13:08:23	43
131	04/07/2014 13:08:24	38

132	04/07/2014 13:08:25	39
133	04/07/2014 13:08:26	37
134	04/07/2014 13:08:27	39
135	04/07/2014 13:08:28	43
136	04/07/2014 13:08:29	0
137	04/07/2014 13:08:29	44
138	04/07/2014 13:08:30	40
139	04/07/2014 13:08:31	38
140	04/07/2014 13:08:32	39
141	04/07/2014 13:08:33	38
142	04/07/2014 13:08:34	44
143	04/07/2014 13:08:35	39
144	04/07/2014 13:08:36	41
145	04/07/2014 13:08:37	38
146	04/07/2014 13:08:37	37
147	04/07/2014 13:08:38	41

148	04/07/2014 13:08:39	38
149	04/07/2014 13:08:40	42
150	04/07/2014 13:08:41	40
151	04/07/2014 13:08:42	37
152	04/07/2014 13:08:43	40
153	04/07/2014 13:08:44	37
154	04/07/2014 13:08:45	38
155	04/07/2014 13:08:45	41
156	04/07/2014 13:08:46	40
157	04/07/2014 13:08:47	38
158	04/07/2014 13:08:48	38
159	04/07/2014 13:08:49	38
160	04/07/2014 13:08:50	38
161	04/07/2014 13:08:51	41

2.2 Proses Kontinyu Set Point 30 cm air

No	Date&Time	Pressure
1	04/07/2014 13:11:23	0
2	04/07/2014 13:11:24	4
3	04/07/2014 13:11:25	4
4	04/07/2014 13:11:26	5
5	04/07/2014 13:11:26	6
6	04/07/2014 13:11:27	7
7	04/07/2014 13:11:28	8
8	04/07/2014 13:11:29	7
9	04/07/2014 13:11:30	7
10	04/07/2014 13:11:31	8
11	04/07/2014 13:11:32	9
12	04/07/2014 13:11:33	9
13	04/07/2014 13:11:34	11
14	04/07/2014 13:11:34	9
15	04/07/2014 13:11:35	12

16	04/07/2014 13:11:36	11
17	04/07/2014 13:11:37	14
18	04/07/2014 13:11:38	13
19	04/07/2014 13:11:39	16
20	04/07/2014 13:11:40	16
21	04/07/2014 13:11:41	17
22	04/07/2014 13:11:42	14
23	04/07/2014 13:11:42	14
24	04/07/2014 13:11:43	17
25	04/07/2014 13:11:44	16
26	04/07/2014 13:11:45	19
27	04/07/2014 13:11:46	22
28	04/07/2014 13:11:47	23
29	04/07/2014 13:11:48	20
30	04/07/2014 13:11:49	19
31	04/07/2014 13:11:50	20

32	04/07/2014 13:11:50	22
33	04/07/2014 13:11:51	26
34	04/07/2014 13:11:52	24
35	04/07/2014 13:11:53	20
36	04/07/2014 13:11:54	22
37	04/07/2014 13:11:55	22
38	04/07/2014 13:11:56	28
39	04/07/2014 13:11:57	24
40	04/07/2014 13:11:58	23
41	04/07/2014 13:11:59	26
42	04/07/2014 13:11:59	25
43	04/07/2014 13:12:00	29
44	04/07/2014 13:12:01	27
45	04/07/2014 13:12:02	26
46	04/07/2014 13:12:03	28
47	04/07/2014 13:12:04	28

48	04/07/2014 13:12:05	32
49	04/07/2014 13:12:06	28
50	04/07/2014 13:12:07	28
51	04/07/2014 13:12:07	31
52	04/07/2014 13:12:08	31
53	04/07/2014 13:12:09	28
54	04/07/2014 13:12:10	28
55	04/07/2014 13:12:11	26
56	04/07/2014 13:12:12	35
57	04/07/2014 13:12:13	29
58	04/07/2014 13:12:14	27
59	04/07/2014 13:12:15	29
60	04/07/2014 13:12:15	29
61	04/07/2014 13:12:16	32
62	04/07/2014 13:12:17	32
63	04/07/2014 13:12:18	28

64	04/07/2014 13:12:19	28
65	04/07/2014 13:12:20	28
66	04/07/2014 13:12:21	36
67	04/07/2014 13:12:22	29
68	04/07/2014 13:12:23	27
69	04/07/2014 13:12:23	29
70	04/07/2014 13:12:24	29
71	04/07/2014 13:12:25	33
72	04/07/2014 13:12:26	32
73	04/07/2014 13:12:27	28
74	04/07/2014 13:12:28	29
75	04/07/2014 13:12:29	27
76	04/07/2014 13:12:30	31
77	04/07/2014 13:12:31	34
78	04/07/2014 13:12:32	29
79	04/07/2014 13:12:32	29

80	04/07/2014 13:12:33	26
81	04/07/2014 13:12:34	31
82	04/07/2014 13:12:35	30
83	04/07/2014 13:12:36	29
84	04/07/2014 13:12:37	29
85	04/07/2014 13:12:38	29
86	04/07/2014 13:12:39	31
87	04/07/2014 13:12:40	33
88	04/07/2014 13:12:40	30
89	04/07/2014 13:12:41	28
90	04/07/2014 13:12:42	27
91	04/07/2014 13:12:43	30
92	04/07/2014 13:12:44	31
93	04/07/2014 13:12:45	32
94	04/07/2014 13:12:46	27
95	04/07/2014 13:12:47	27

96	04/07/2014 13:12:48	28
97	04/07/2014 13:12:48	30
98	04/07/2014 13:12:49	37
99	04/07/2014 13:12:50	29
100	04/07/2014 13:12:51	28
101	04/07/2014 13:12:52	29
102	04/07/2014 13:12:53	28
103	04/07/2014 13:12:54	34
104	04/07/2014 13:12:55	35
105	04/07/2014 13:12:56	32
106	04/07/2014 13:12:56	28
107	04/07/2014 13:12:57	28
108	04/07/2014 13:12:58	29
109	04/07/2014 13:12:59	31
110	04/07/2014 13:13:00	32
111	04/07/2014 13:13:01	28

112	04/07/2014 13:13:02	29
113	04/07/2014 13:13:03	28
114	04/07/2014 13:13:04	29
115	04/07/2014 13:13:05	30
116	04/07/2014 13:13:05	32
117	04/07/2014 13:13:06	33
118	04/07/2014 13:13:07	31
119	04/07/2014 13:13:08	28
120	04/07/2014 13:13:09	29
121	04/07/2014 13:13:10	28
122	04/07/2014 13:13:11	32
123	04/07/2014 13:13:12	36
124	04/07/2014 13:13:13	36
125	04/07/2014 13:13:13	28
126	04/07/2014 13:13:14	27
127	04/07/2014 13:13:15	28

128	04/07/2014 13:13:16	30
129	04/07/2014 13:13:17	35
130	04/07/2014 13:13:18	30
131	04/07/2014 13:13:19	27
132	04/07/2014 13:13:20	29
133	04/07/2014 13:13:21	29
134	04/07/2014 13:13:21	33
135	04/07/2014 13:13:22	30
136	04/07/2014 13:13:23	29
137	04/07/2014 13:13:24	29
138	04/07/2014 13:13:25	28
139	04/07/2014 13:13:26	34
140	04/07/2014 13:13:27	29
141	04/07/2014 13:13:28	28
142	04/07/2014 13:13:29	30
143	04/07/2014 13:13:29	29

144	04/07/2014 13:13:30	38
145	04/07/2014 13:13:31	31
146	04/07/2014 13:13:32	30
147	04/07/2014 13:13:33	29
148	04/07/2014 13:13:34	28
149	04/07/2014 13:13:35	33
150	04/07/2014 13:13:36	30
151	04/07/2014 13:13:37	28
152	04/07/2014 13:13:38	28
153	04/07/2014 13:13:38	27
154	04/07/2014 13:13:39	29
155	04/07/2014 13:13:40	29
156	04/07/2014 13:13:41	34
157	04/07/2014 13:13:42	34
158	04/07/2014 13:13:43	33
159	04/07/2014 13:13:44	30

160	04/07/2014 13:13:45	28
161	04/07/2014 13:13:46	28
162	04/07/2014 13:13:46	27
163	04/07/2014 13:13:47	29
164	04/07/2014 13:13:48	29
165	04/07/2014 13:13:49	33
166	04/07/2014 13:13:50	34
167	04/07/2014 13:13:51	30
168	04/07/2014 13:13:52	28

2.3 Proses Kontinyu Set Point 20 cm air

No	Date&Time	Pressure
1	04/07/2014 13:17:22	0
2	04/07/2014 13:17:23	3
3	04/07/2014 13:17:24	4
4	04/07/2014 13:17:24	4
5	04/07/2014 13:17:25	6

6	04/07/2014 13:17:26	7
7	04/07/2014 13:17:27	9
8	04/07/2014 13:17:28	10
9	04/07/2014 13:17:29	13
10	04/07/2014 13:17:30	13
11	04/07/2014 13:17:31	15
12	04/07/2014 13:17:32	17
13	04/07/2014 13:17:32	19
14	04/07/2014 13:17:33	20
15	04/07/2014 13:17:34	22
16	04/07/2014 13:17:35	22
17	04/07/2014 13:17:36	21
18	04/07/2014 13:17:37	20
19	04/07/2014 13:17:38	20
20	04/07/2014 13:17:39	22
21	04/07/2014 13:17:40	20

22	04/07/2014 13:17:40	19
23	04/07/2014 13:17:41	18
24	04/07/2014 13:17:42	18
25	04/07/2014 13:17:43	20
26	04/07/2014 13:17:44	22
27	04/07/2014 13:17:45	21
28	04/07/2014 13:17:46	18
29	04/07/2014 13:17:47	19
30	04/07/2014 13:17:48	19
31	04/07/2014 13:17:49	20
32	04/07/2014 13:17:49	19
33	04/07/2014 13:17:50	20
34	04/07/2014 13:17:51	20
35	04/07/2014 13:17:52	22
36	04/07/2014 13:17:53	22
37	04/07/2014 13:17:54	22

38	04/07/2014 13:17:55	20
39	04/07/2014 13:17:56	19
40	04/07/2014 13:17:57	22
41	04/07/2014 13:17:57	20
42	04/07/2014 13:17:58	20
43	04/07/2014 13:17:59	19
44	04/07/2014 13:18:00	19
45	04/07/2014 13:18:01	18
46	04/07/2014 13:18:02	19
47	04/07/2014 13:18:03	18
48	04/07/2014 13:18:04	21
49	04/07/2014 13:18:05	20
50	04/07/2014 13:18:05	20
51	04/07/2014 13:18:06	22
52	04/07/2014 13:18:07	20
53	04/07/2014 13:18:08	19

54	04/07/2014 13:18:09	18
55	04/07/2014 13:18:10	20
56	04/07/2014 13:18:11	20
57	04/07/2014 13:18:12	21
58	04/07/2014 13:18:13	20
59	04/07/2014 13:18:13	19
60	04/07/2014 13:18:14	21
61	04/07/2014 13:18:15	20
62	04/07/2014 13:18:16	20
63	04/07/2014 13:18:17	19
64	04/07/2014 13:18:18	18
65	04/07/2014 13:18:19	18
66	04/07/2014 13:18:20	21
67	04/07/2014 13:18:21	19
68	04/07/2014 13:18:21	20
69	04/07/2014 13:18:22	21

70	04/07/2014 13:18:23	20
71	04/07/2014 13:18:24	19
72	04/07/2014 13:18:25	19
73	04/07/2014 13:18:26	20
74	04/07/2014 13:18:27	20
75	04/07/2014 13:18:28	18
76	04/07/2014 13:18:29	18
77	04/07/2014 13:18:30	20
78	04/07/2014 13:18:30	20
79	04/07/2014 13:18:31	19
80	04/07/2014 13:18:32	20
81	04/07/2014 13:18:33	18
82	04/07/2014 13:18:34	20
83	04/07/2014 13:18:35	20
84	04/07/2014 13:18:36	18
85	04/07/2014 13:18:37	20

86	04/07/2014 13:18:38	20
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