
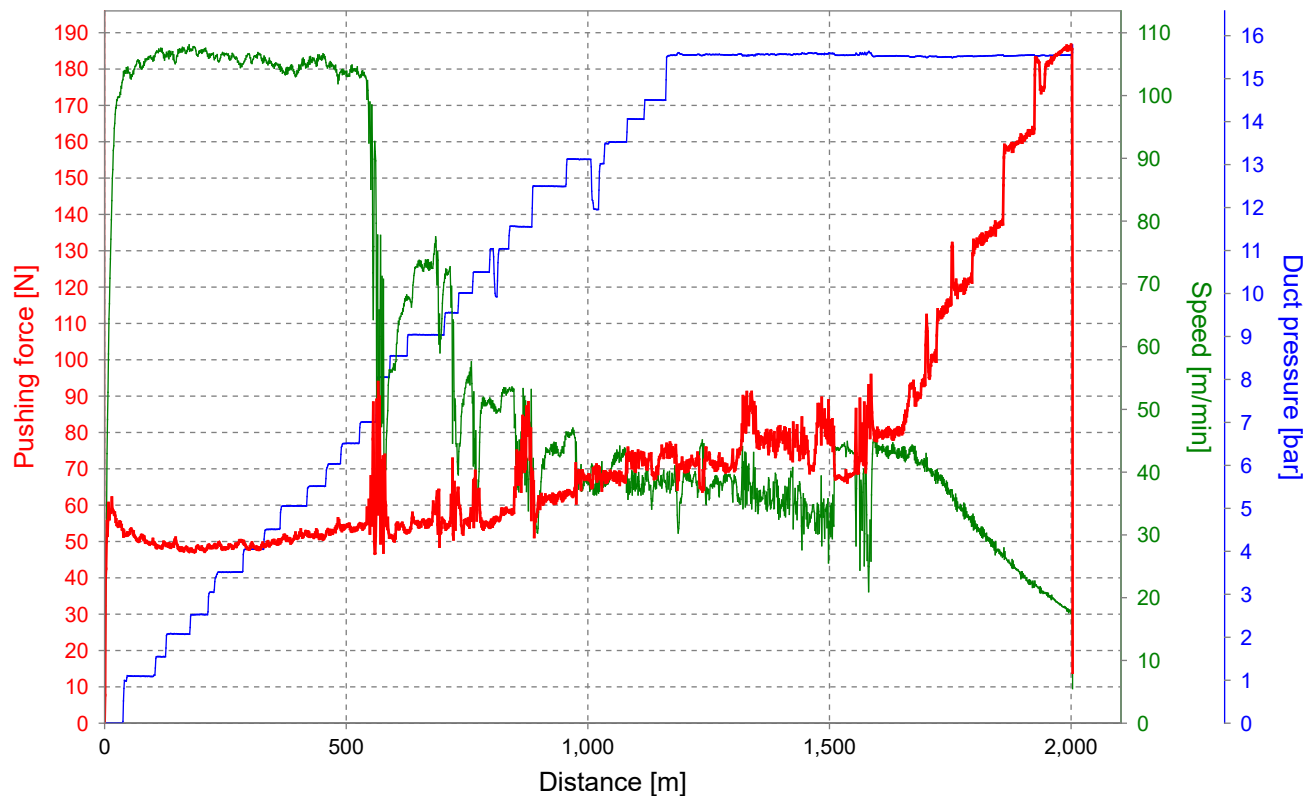


KCEP Kazcentrelectroprovod LLP 1 <A>, Makarenko st. KZ-M22D3A8 Saran, Karaganda region, Kasachstan		<h1>Jetting Report</h1>		
Project-#	Cable Blowing Test - KCEP	Date: 12/16/20		
Trace Section	V04			
Company name	Vetter	Operator: se		
Remarks	Blowing in successful!			
Duct specs		Cable specs		Devices
Manufacturer: Gabocom		Manufacturer: KCEP		Jetting machine: IntelliJet-P02 (SN#138594)
Duct type: 10x1,0 (10/8)		Designation: A-D(ZN)2Y 6x24-G.652.D-200-1078		+ Slipping clutch [] + Lubricator []
Duct assy: 2*14x2,0 + 2*10x1,0mm in 50x4.6m on 2000 m		Cable Ø: 6.0 mm	Fiber amount: 144	Lubricant: CableJetting Lube
Color/marks: 2x Green		Reel Nb.: N/A		Compressor: MK17
Inner design: Grooved		Metering: Start: 7 m	End: 2014 m	+ Oil separator [X] + aftercooler []
Duct temperature: 4 °C		Cable temperature: 20 °C		Cable Tap type: [X]
Summary:	Max pushforce: 358 N (Measured by the crashtest)			
Trace distance: 2003.1 m	Weather: 21.0 °C, 34.9 % humidity.		Jetting temperature: 20.7 °C	
Jetting duration: 00:44:31	Operating mode: Recording only		GPS Location: 47.6318°; 8.5802°; 414 m	

Operation chart



List of highlights (Entire table on the following pages)

Length [m]	Pushing force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
0.0	0.0	0.0	0.0	00:00:00	Start (13:32)
2003.1	13.9	15.8	5.5	00:44:31	Stop (14:17)

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
0.0	0.0	0.0	0.0	00:00:00	Start (13:32)
1.0	7.7	0.0	3.7	00:00:14	
2.0	39.8	0.0	18.7	00:00:17	
3.0	42.5	0.0	25.7	00:00:19	
4.0	49.9	0.0	32.7	00:00:21	
5.0	55.5	0.0	43.0	00:00:22	
6.0	51.6	0.0	48.4	00:00:23	
7.0	55.9	0.0	52.7	00:00:25	
8.0	60.6	0.0	58.8	00:00:26	
9.0	57.9	0.0	64.4	00:00:27	
10.0	56.2	0.0	66.8	00:00:27	
11.0	58.3	0.0	70.9	00:00:28	
12.0	58.6	0.0	74.0	00:00:29	
13.0	58.0	0.0	77.1	00:00:30	
14.0	58.7	0.0	80.2	00:00:31	
15.0	62.1	0.0	83.3	00:00:31	
16.0	59.0	0.0	86.8	00:00:32	
17.0	58.7	0.0	88.2	00:00:33	
18.0	58.4	0.0	91.3	00:00:33	
19.0	57.8	0.0	92.0	00:00:34	
20.0	57.4	0.0	94.8	00:00:35	
21.0	57.9	0.0	95.6	00:00:35	
22.0	57.1	0.0	97.0	00:00:36	
23.0	55.4	0.0	98.1	00:00:37	
24.0	56.1	0.0	98.0	00:00:37	
25.0	54.6	0.0	99.3	00:00:38	
26.0	54.9	0.0	99.2	00:00:38	
27.0	54.4	0.0	99.7	00:00:39	
28.0	54.1	0.0	99.7	00:00:40	
29.0	54.6	0.0	99.8	00:00:40	
30.0	54.3	0.0	99.7	00:00:41	
31.0	55.5	0.0	99.8	00:00:41	
32.0	55.0	0.0	100.5	00:00:42	
33.0	55.3	0.0	100.2	00:00:43	
34.0	54.2	0.0	101.5	00:00:43	
35.0	54.5	0.0	101.2	00:00:44	
36.0	53.4	0.0	102.1	00:00:44	
37.0	53.3	0.0	102.4	00:00:45	
38.0	53.3	0.0	102.6	00:00:46	
39.0	51.4	0.5	103.8	00:00:46	
40.0	52.9	0.8	103.1	00:00:47	
41.0	51.6	1.0	104.0	00:00:47	
42.0	52.0	1.0	103.6	00:00:48	
43.0	51.8	1.0	103.9	00:00:48	
44.0	52.0	1.0	103.6	00:00:49	
45.0	51.6	1.0	104.4	00:00:50	
46.0	52.0	1.1	104.0	00:00:50	
47.0	52.5	1.1	103.6	00:00:51	
48.0	51.7	1.1	104.5	00:00:51	
49.0	52.2	1.1	103.9	00:00:52	
50.0	52.0	1.1	103.7	00:00:53	
51.0	52.3	1.1	103.6	00:00:53	
52.0	52.2	1.1	103.6	00:00:54	
53.0	53.3	1.1	102.8	00:00:54	
54.0	53.1	1.1	103.3	00:00:55	
55.0	53.5	1.1	102.7	00:00:55	
56.0	53.0	1.1	103.3	00:00:56	
57.0	53.0	1.1	103.1	00:00:57	
58.0	52.6	1.1	103.4	00:00:57	
59.0	52.0	1.1	103.9	00:00:58	
60.0	52.8	1.1	103.5	00:00:58	
61.0	51.5	1.1	104.2	00:00:59	
62.0	51.6	1.1	104.2	00:00:59	
63.0	51.3	1.1	104.6	00:01:00	
64.0	51.0	1.1	104.7	00:01:01	
65.0	50.8	1.1	104.9	00:01:01	
66.0	50.4	1.1	105.0	00:01:02	
67.0	50.6	1.1	105.5	00:01:02	
68.0	50.2	1.1	105.5	00:01:03	
69.0	50.2	1.1	105.7	00:01:03	
70.0	50.0	1.1	105.5	00:01:04	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
71.0	50.4	1.1	105.2	00:01:05	
72.0	50.1	1.1	105.5	00:01:05	
73.0	51.0	1.1	104.5	00:01:06	
74.0	51.1	1.1	105.2	00:01:06	
75.0	51.4	1.1	104.4	00:01:07	
76.0	51.8	1.1	104.5	00:01:07	
77.0	51.5	1.1	104.2	00:01:08	
78.0	51.7	1.1	104.4	00:01:09	
79.0	50.9	1.1	104.7	00:01:09	
80.0	51.5	1.1	104.6	00:01:10	
81.0	50.4	1.1	105.4	00:01:10	
82.0	51.3	1.1	104.8	00:01:11	
83.0	50.6	1.1	105.3	00:01:11	
84.0	49.7	1.1	105.8	00:01:12	
85.0	50.1	1.1	105.5	00:01:13	
86.0	49.7	1.1	105.8	00:01:13	
87.0	50.1	1.1	105.9	00:01:14	
88.0	49.7	1.1	105.7	00:01:14	
89.0	49.6	1.1	105.9	00:01:15	
90.0	49.5	1.1	106.1	00:01:15	
91.0	49.7	1.1	105.8	00:01:16	
92.0	49.3	1.1	106.2	00:01:17	
93.0	49.4	1.1	106.1	00:01:17	
94.0	49.2	1.1	106.2	00:01:18	
95.0	49.4	1.1	106.3	00:01:18	
96.0	49.5	1.1	106.0	00:01:19	
97.0	49.6	1.1	105.8	00:01:19	
98.0	49.7	1.1	106.0	00:01:20	
99.0	49.7	1.1	105.8	00:01:20	
100.0	50.7	1.1	105.5	00:01:21	
101.0	49.3	1.1	106.2	00:01:22	
102.0	49.8	1.1	105.6	00:01:22	
103.0	49.7	1.1	106.3	00:01:23	
104.0	49.1	1.1	106.2	00:01:23	
105.0	49.3	1.3	106.6	00:01:24	
106.0	48.4	1.5	106.9	00:01:24	
107.0	48.9	1.5	106.8	00:01:25	
108.0	48.2	1.5	107.1	00:01:26	
109.0	48.9	1.6	107.0	00:01:26	
110.0	48.6	1.5	107.0	00:01:27	
111.0	48.6	1.6	106.8	00:01:27	
112.0	48.5	1.5	107.4	00:01:28	
113.0	48.6	1.6	107.1	00:01:28	
114.0	48.5	1.6	107.1	00:01:29	
115.0	48.3	1.5	107.1	00:01:30	
116.0	48.3	1.6	107.5	00:01:30	
117.0	48.2	1.5	107.5	00:01:31	
118.0	48.6	1.5	107.0	00:01:31	
119.0	48.2	1.5	107.5	00:01:32	
120.0	48.9	1.5	106.8	00:01:32	
121.0	48.8	1.6	106.8	00:01:33	
122.0	49.9	1.6	106.0	00:01:34	
123.0	49.3	1.5	106.6	00:01:34	
124.0	49.7	1.5	105.6	00:01:35	
125.0	49.5	1.5	106.5	00:01:35	
126.0	49.2	1.5	106.2	00:01:36	
127.0	49.3	1.7	106.3	00:01:36	
128.0	48.8	2.0	106.9	00:01:37	
129.0	49.3	2.1	106.2	00:01:37	
130.0	49.0	2.1	106.7	00:01:38	
131.0	48.7	2.1	106.6	00:01:39	
132.0	48.6	2.1	107.0	00:01:39	
133.0	49.5	2.1	105.9	00:01:40	
134.0	48.5	2.1	107.1	00:01:40	
135.0	48.8	2.1	106.8	00:01:41	
136.0	49.3	2.1	106.2	00:01:41	
137.0	48.3	2.1	107.0	00:01:42	
138.0	49.1	2.1	106.6	00:01:42	
139.0	48.8	2.1	106.5	00:01:43	
140.0	49.0	2.1	106.6	00:01:44	
141.0	48.8	2.1	107.0	00:01:44	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
142.0	49.4	2.1	105.8	00:01:45	
143.0	48.6	2.1	106.5	00:01:45	
144.0	49.7	2.1	105.6	00:01:46	
145.0	50.5	2.1	105.3	00:01:46	
146.0	50.4	2.1	105.1	00:01:47	
147.0	51.0	2.1	105.2	00:01:48	
148.0	50.0	2.1	105.4	00:01:48	
149.0	49.3	2.1	106.2	00:01:49	
150.0	49.2	2.1	106.4	00:01:49	
151.0	48.7	2.1	106.3	00:01:50	
152.0	48.1	2.1	107.3	00:01:50	
153.0	47.9	2.1	106.8	00:01:51	
154.0	48.4	2.1	107.2	00:01:52	
155.0	47.6	2.1	107.4	00:01:52	
156.0	48.1	2.1	106.9	00:01:53	
157.0	47.5	2.1	107.3	00:01:53	
158.0	48.3	2.1	107.1	00:01:54	
159.0	47.6	2.1	107.4	00:01:54	
160.0	48.3	2.1	106.9	00:01:55	
161.0	47.5	2.1	107.7	00:01:55	
162.0	47.6	2.1	107.1	00:01:56	
163.0	47.6	2.1	107.5	00:01:57	
164.0	47.3	2.1	107.6	00:01:57	
165.0	48.0	2.1	107.4	00:01:58	
166.0	48.0	2.1	107.2	00:01:58	
167.0	48.2	2.1	106.8	00:01:59	
168.0	48.3	2.1	106.9	00:01:59	
169.0	48.5	2.1	106.7	00:02:00	
170.0	48.3	2.1	107.2	00:02:00	
171.0	48.2	2.1	107.0	00:02:01	
172.0	47.6	2.1	107.7	00:02:02	
173.0	47.4	2.1	107.4	00:02:02	
174.0	47.3	2.1	107.5	00:02:03	
175.0	47.2	2.1	108.1	00:02:03	
176.0	47.6	2.1	107.1	00:02:04	
177.0	48.0	2.2	107.2	00:02:04	
178.0	47.4	2.5	107.4	00:02:05	
179.0	47.4	2.5	107.4	00:02:05	
180.0	48.0	2.5	107.2	00:02:06	
181.0	47.7	2.5	107.3	00:02:07	
182.0	47.3	2.5	107.2	00:02:07	
183.0	47.4	2.5	107.8	00:02:08	
184.0	47.5	2.5	107.7	00:02:08	
185.0	47.2	2.5	107.8	00:02:09	
186.0	47.1	2.5	107.7	00:02:09	
187.0	47.3	2.5	107.7	00:02:10	
188.0	47.3	2.5	107.4	00:02:11	
189.0	47.8	2.5	107.1	00:02:11	
190.0	48.5	2.5	106.6	00:02:12	
191.0	48.6	2.5	106.4	00:02:12	
192.0	48.5	2.5	106.5	00:02:13	
193.0	48.8	2.5	106.3	00:02:13	
194.0	48.6	2.5	106.6	00:02:14	
195.0	48.2	2.5	107.0	00:02:15	
196.0	48.1	2.5	106.8	00:02:15	
197.0	47.9	2.5	107.1	00:02:16	
198.0	48.0	2.5	106.9	00:02:16	
199.0	47.9	2.5	107.0	00:02:17	
200.0	47.8	2.5	107.3	00:02:17	
201.0	48.6	2.5	106.7	00:02:18	
202.0	47.9	2.5	106.8	00:02:18	
203.0	48.0	2.5	107.3	00:02:19	
204.0	47.7	2.5	107.2	00:02:20	
205.0	47.9	2.5	107.0	00:02:20	
206.0	47.7	2.5	107.4	00:02:21	
207.0	47.2	2.5	107.4	00:02:21	
208.0	47.5	2.5	107.1	00:02:22	
209.0	47.6	2.5	107.5	00:02:22	
210.0	47.7	2.5	107.1	00:02:23	
211.0	47.9	2.5	107.1	00:02:23	
212.0	48.4	2.5	106.8	00:02:24	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
213.0	48.6	2.5	106.3	00:02:25	
214.0	48.9	2.6	106.6	00:02:25	
215.0	49.0	2.9	106.0	00:02:26	
216.0	49.1	3.0	106.0	00:02:26	
217.0	48.2	3.0	106.6	00:02:27	
218.0	48.8	3.0	106.1	00:02:27	
219.0	48.6	3.0	106.4	00:02:28	
220.0	48.3	3.0	106.6	00:02:29	
221.0	48.5	3.0	106.4	00:02:29	
222.0	48.2	3.1	106.6	00:02:30	
223.0	48.6	3.0	106.6	00:02:30	
224.0	48.3	3.0	106.6	00:02:31	
225.0	48.3	3.0	106.8	00:02:31	
226.0	48.8	3.0	106.1	00:02:32	
227.0	49.1	3.1	105.7	00:02:33	
228.0	49.2	3.3	105.9	00:02:33	
229.0	49.0	3.4	105.9	00:02:34	
230.0	48.9	3.4	106.4	00:02:34	
231.0	48.2	3.4	106.3	00:02:35	
232.0	48.9	3.5	106.2	00:02:35	
233.0	48.5	3.5	106.5	00:02:36	
234.0	49.2	3.5	105.6	00:02:36	
235.0	49.2	3.5	105.6	00:02:37	
236.0	49.7	3.5	105.4	00:02:38	
237.0	49.8	3.5	105.4	00:02:38	
238.0	49.4	3.5	105.6	00:02:39	
239.0	48.9	3.5	105.9	00:02:39	
240.0	49.1	3.5	106.1	00:02:40	
241.0	48.8	3.5	106.5	00:02:40	
242.0	48.0	3.5	106.6	00:02:41	
243.0	48.2	3.5	106.5	00:02:42	
244.0	47.8	3.5	106.9	00:02:42	
245.0	48.2	3.5	106.7	00:02:43	
246.0	48.3	3.5	106.5	00:02:43	
247.0	48.2	3.5	106.7	00:02:44	
248.0	48.3	3.5	106.4	00:02:44	
249.0	48.1	3.5	106.7	00:02:45	
250.0	47.8	3.5	106.6	00:02:45	
251.0	48.3	3.5	106.6	00:02:46	
252.0	48.3	3.5	106.7	00:02:47	
253.0	48.2	3.5	106.6	00:02:47	
254.0	48.2	3.5	106.5	00:02:48	
255.0	48.1	3.5	106.4	00:02:48	
256.0	48.2	3.5	106.6	00:02:49	
257.0	49.1	3.5	105.9	00:02:49	
258.0	49.0	3.5	106.3	00:02:50	
259.0	49.0	3.5	105.7	00:02:51	
260.0	49.1	3.5	105.8	00:02:51	
261.0	48.8	3.5	105.7	00:02:52	
262.0	48.9	3.5	106.3	00:02:52	
263.0	48.8	3.5	106.0	00:02:53	
264.0	48.1	3.5	106.7	00:02:53	
265.0	48.1	3.5	106.6	00:02:54	
266.0	48.3	3.5	106.3	00:02:54	
267.0	48.2	3.5	106.4	00:02:55	
268.0	48.6	3.5	106.2	00:02:56	
269.0	48.8	3.5	106.0	00:02:56	
270.0	48.9	3.5	106.0	00:02:57	
271.0	49.4	3.5	105.8	00:02:57	
272.0	48.7	3.5	106.1	00:02:58	
273.0	48.5	3.5	106.1	00:02:59	
274.0	49.4	3.5	105.9	00:02:59	
275.0	49.1	3.5	105.3	00:03:00	
276.0	49.2	3.5	105.5	00:03:00	
277.0	49.5	3.5	105.5	00:03:01	
278.0	49.9	3.5	105.0	00:03:01	
279.0	50.3	3.5	105.0	00:03:02	
280.0	50.0	3.5	105.1	00:03:03	
281.0	50.3	3.5	104.5	00:03:03	
282.0	50.1	3.5	105.1	00:03:04	
283.0	50.3	3.5	104.7	00:03:04	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
284.0	50.1	3.5	104.6	00:03:05	
285.0	50.2	3.5	105.0	00:03:05	
286.0	49.8	3.5	105.0	00:03:06	
287.0	49.5	3.9	105.1	00:03:07	
288.0	50.1	4.0	105.3	00:03:07	
289.0	49.2	4.0	105.5	00:03:08	
290.0	49.4	4.0	105.5	00:03:08	
291.0	49.0	4.0	105.8	00:03:09	
292.0	48.8	4.0	105.8	00:03:09	
293.0	48.4	4.1	106.3	00:03:10	
294.0	48.4	4.0	106.2	00:03:10	
295.0	48.0	4.0	106.3	00:03:11	
296.0	48.1	4.0	106.6	00:03:12	
297.0	48.0	4.0	106.6	00:03:12	
298.0	47.9	4.0	106.6	00:03:13	
299.0	47.9	4.0	106.7	00:03:13	
300.0	47.8	4.0	106.5	00:03:14	
301.0	48.7	4.1	106.0	00:03:14	
302.0	48.3	4.0	106.0	00:03:15	
303.0	49.3	4.1	105.2	00:03:16	
304.0	49.1	4.0	105.4	00:03:16	
305.0	49.7	4.0	105.1	00:03:17	
306.0	49.0	4.0	105.6	00:03:17	
307.0	49.1	4.0	105.8	00:03:18	
308.0	48.7	4.1	105.8	00:03:18	
309.0	48.4	4.0	106.2	00:03:19	
310.0	48.4	4.0	106.3	00:03:20	
311.0	48.2	4.1	106.3	00:03:20	
312.0	48.3	4.0	106.3	00:03:21	
313.0	48.4	4.0	106.1	00:03:21	
314.0	48.6	4.0	106.1	00:03:22	
315.0	47.8	4.1	106.5	00:03:22	
316.0	48.4	4.0	106.0	00:03:23	
317.0	47.8	4.1	106.9	00:03:23	
318.0	48.3	4.1	106.5	00:03:24	
319.0	47.7	4.0	106.7	00:03:25	
320.0	48.1	4.1	106.6	00:03:25	
321.0	47.9	4.1	106.7	00:03:26	
322.0	48.3	4.1	106.4	00:03:26	
323.0	48.0	4.1	106.5	00:03:27	
324.0	48.5	4.0	106.0	00:03:27	
325.0	49.0	4.0	105.6	00:03:28	
326.0	48.8	4.0	105.8	00:03:29	
327.0	49.7	4.0	105.2	00:03:29	
328.0	48.7	4.0	105.9	00:03:30	
329.0	49.3	4.1	105.3	00:03:30	
330.0	48.6	4.3	106.3	00:03:31	
331.0	48.7	4.4	105.6	00:03:31	
332.0	48.6	4.5	106.1	00:03:32	
333.0	48.6	4.5	105.8	00:03:33	
334.0	49.2	4.5	105.6	00:03:33	
335.0	49.0	4.5	105.2	00:03:34	
336.0	49.8	4.5	105.2	00:03:34	
337.0	49.0	4.5	105.3	00:03:35	
338.0	50.1	4.5	104.9	00:03:35	
339.0	49.1	4.5	105.5	00:03:36	
340.0	49.4	4.5	105.1	00:03:37	
341.0	48.7	4.5	105.9	00:03:37	
342.0	49.3	4.5	105.1	00:03:38	
343.0	49.4	4.5	105.5	00:03:38	
344.0	49.2	4.5	105.4	00:03:39	
345.0	49.5	4.5	105.3	00:03:39	
346.0	49.8	4.5	104.8	00:03:40	
347.0	50.2	4.5	105.0	00:03:40	
348.0	49.8	4.5	104.6	00:03:41	
349.0	50.3	4.5	104.6	00:03:42	
350.0	49.6	4.5	104.9	00:03:42	
351.0	50.4	4.5	104.3	00:03:43	
352.0	49.6	4.5	105.1	00:03:43	
353.0	49.7	4.5	104.8	00:03:44	
354.0	49.7	4.5	105.2	00:03:44	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
355.0	49.4	4.5	105.1	00:03:45	
356.0	49.7	4.5	105.1	00:03:46	
357.0	49.3	4.5	104.9	00:03:46	
358.0	50.2	4.5	104.9	00:03:47	
359.0	49.2	4.5	105.0	00:03:47	
360.0	50.5	4.5	104.6	00:03:48	
361.0	49.7	4.5	104.9	00:03:49	
362.0	50.4	4.5	104.2	00:03:49	
363.0	49.5	4.5	105.0	00:03:50	
364.0	50.5	4.9	103.9	00:03:50	
365.0	49.9	5.0	104.6	00:03:51	
366.0	50.6	5.0	104.0	00:03:51	
367.0	50.6	5.0	104.3	00:03:52	
368.0	50.8	5.0	103.6	00:03:53	
369.0	51.1	5.1	104.0	00:03:53	
370.0	50.9	5.1	103.7	00:03:54	
371.0	51.8	5.1	103.7	00:03:54	
372.0	51.1	5.1	103.7	00:03:55	
373.0	51.8	5.1	103.4	00:03:56	
374.0	51.4	5.1	103.3	00:03:56	
375.0	50.5	5.1	104.1	00:03:57	
376.0	50.2	5.1	104.4	00:03:57	
377.0	51.4	5.1	103.4	00:03:58	
378.0	50.3	5.1	104.5	00:03:58	
379.0	50.7	5.1	103.5	00:03:59	
380.0	50.7	5.1	104.4	00:04:00	
381.0	50.3	5.1	104.0	00:04:00	
382.0	50.9	5.1	104.1	00:04:01	
383.0	50.1	5.1	104.5	00:04:01	
384.0	50.7	5.1	104.3	00:04:02	
385.0	49.5	5.1	104.8	00:04:02	
386.0	50.1	5.1	104.1	00:04:03	
387.0	49.7	5.1	104.9	00:04:04	
388.0	49.9	5.1	104.4	00:04:04	
389.0	50.2	5.1	104.7	00:04:05	
390.0	50.5	5.1	104.0	00:04:05	
391.0	50.5	5.1	104.1	00:04:06	
392.0	50.9	5.1	103.5	00:04:06	
393.0	51.5	5.1	103.8	00:04:07	
394.0	51.3	5.1	103.2	00:04:08	
395.0	52.4	5.1	103.0	00:04:08	
396.0	50.9	5.1	103.4	00:04:09	
397.0	51.5	5.1	103.1	00:04:09	
398.0	51.0	5.1	103.9	00:04:10	
399.0	50.8	5.1	103.5	00:04:10	
400.0	51.1	5.1	103.9	00:04:11	
401.0	51.1	5.1	103.7	00:04:12	
402.0	51.6	5.1	104.9	00:04:12	
403.0	52.4	5.1	104.1	00:04:13	
404.0	52.4	5.1	104.6	00:04:13	
405.0	51.7	5.1	104.8	00:04:14	
406.0	53.3	5.1	104.3	00:04:15	
407.0	51.7	5.1	105.0	00:04:15	
408.0	52.2	5.1	105.1	00:04:16	
409.0	51.1	5.1	105.8	00:04:16	
410.0	52.0	5.1	104.8	00:04:17	
411.0	51.3	5.1	106.0	00:04:17	
412.0	51.9	5.1	104.9	00:04:18	
413.0	51.7	5.1	105.7	00:04:18	
414.0	51.9	5.1	105.0	00:04:19	
415.0	52.5	5.1	105.0	00:04:20	
416.0	52.8	5.1	104.4	00:04:20	
417.0	52.5	5.1	105.0	00:04:21	
418.0	52.6	5.1	104.5	00:04:21	
419.0	52.6	5.3	104.9	00:04:22	
420.0	51.6	5.5	105.2	00:04:22	
421.0	52.7	5.5	104.6	00:04:23	
422.0	51.5	5.5	105.6	00:04:24	
423.0	52.4	5.5	105.0	00:04:24	
424.0	51.3	5.5	106.1	00:04:25	
425.0	51.8	5.5	105.0	00:04:25	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
426.0	51.4	5.5	106.2	00:04:26	
427.0	51.5	5.5	105.4	00:04:26	
428.0	51.6	5.5	105.7	00:04:27	
429.0	51.8	5.5	105.3	00:04:28	
430.0	51.4	5.5	106.0	00:04:28	
431.0	51.5	5.5	105.6	00:04:29	
432.0	51.8	5.5	105.9	00:04:29	
433.0	51.0	5.5	106.0	00:04:30	
434.0	51.8	5.5	105.7	00:04:30	
435.0	51.4	5.5	105.5	00:04:31	
436.0	52.4	5.5	105.1	00:04:32	
437.0	51.9	5.5	105.3	00:04:32	
438.0	53.3	5.5	104.7	00:04:33	
439.0	51.4	5.5	105.8	00:04:33	
440.0	52.9	5.5	104.8	00:04:34	
441.0	51.3	5.5	106.5	00:04:35	
442.0	51.9	5.5	105.6	00:04:35	
443.0	51.7	5.5	105.9	00:04:36	
444.0	50.7	5.5	106.5	00:04:36	
445.0	51.5	5.5	105.9	00:04:37	
446.0	50.9	5.5	106.0	00:04:37	
447.0	51.8	5.5	105.8	00:04:38	
448.0	51.2	5.5	106.3	00:04:38	
449.0	51.8	5.5	105.7	00:04:39	
450.0	50.9	5.5	106.3	00:04:40	
451.0	51.7	5.5	105.8	00:04:40	
452.0	50.6	5.5	106.7	00:04:41	
453.0	51.1	5.5	106.1	00:04:41	
454.0	50.8	5.5	106.5	00:04:42	
455.0	51.1	5.5	105.9	00:04:42	
456.0	51.3	5.5	106.2	00:04:43	
457.0	51.6	5.5	105.7	00:04:44	
458.0	51.9	5.7	105.3	00:04:44	
459.0	52.6	5.9	104.7	00:04:45	
460.0	52.9	5.9	104.8	00:04:45	
461.0	53.0	6.0	104.4	00:04:46	
462.0	53.4	6.0	104.6	00:04:46	
463.0	52.7	6.0	104.7	00:04:47	
464.0	53.0	6.0	104.8	00:04:48	
465.0	52.0	6.0	105.2	00:04:48	
466.0	53.1	6.0	104.5	00:04:49	
467.0	52.0	6.0	105.4	00:04:49	
468.0	52.7	6.0	104.7	00:04:50	
469.0	52.4	6.0	105.3	00:04:50	
470.0	53.1	6.0	104.6	00:04:51	
471.0	52.7	6.0	105.0	00:04:52	
472.0	52.2	6.0	104.9	00:04:52	
473.0	53.0	6.0	104.8	00:04:53	
474.0	52.7	6.0	104.3	00:04:53	
475.0	53.0	6.0	104.7	00:04:54	
476.0	53.1	6.0	104.3	00:04:54	
477.0	53.7	6.0	104.1	00:04:55	
478.0	52.6	6.0	104.8	00:04:56	
479.0	54.1	6.0	103.8	00:04:56	
480.0	53.6	6.0	104.1	00:04:57	
481.0	54.6	6.0	103.2	00:04:57	
482.0	54.7	6.0	103.4	00:04:58	
483.0	56.3	6.0	101.9	00:04:58	
484.0	54.5	6.0	103.2	00:04:59	
485.0	55.9	6.0	102.5	00:05:00	
486.0	54.7	6.0	103.4	00:05:00	
487.0	53.9	6.0	103.6	00:05:01	
488.0	54.2	6.0	103.7	00:05:01	
489.0	53.3	6.3	103.9	00:05:02	
490.0	54.2	6.4	103.8	00:05:03	
491.0	52.9	6.4	104.1	00:05:03	
492.0	54.4	6.5	103.3	00:05:04	
493.0	53.4	6.5	104.2	00:05:04	
494.0	54.4	6.5	103.4	00:05:05	
495.0	53.4	6.5	103.9	00:05:05	
496.0	54.5	6.5	103.5	00:05:06	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
497.0	53.6	6.5	103.8	00:05:07	
498.0	53.8	6.5	103.7	00:05:07	
499.0	54.1	6.5	103.9	00:05:08	
500.0	54.1	6.5	103.1	00:05:08	
501.0	54.1	6.5	103.9	00:05:09	
502.0	54.6	6.5	103.0	00:05:09	
503.0	54.5	6.5	103.2	00:05:10	
504.0	54.4	6.5	103.1	00:05:11	
505.0	54.8	6.5	103.1	00:05:11	
506.0	54.1	6.5	103.5	00:05:12	
507.0	54.8	6.5	103.1	00:05:12	
508.0	53.4	6.5	104.1	00:05:13	
509.0	53.9	6.5	103.8	00:05:14	
510.0	52.8	6.5	104.7	00:05:14	
511.0	53.5	6.5	103.7	00:05:15	
512.0	52.7	6.5	104.9	00:05:15	
513.0	53.5	6.5	103.8	00:05:16	
514.0	53.5	6.5	104.2	00:05:16	
515.0	53.1	6.5	104.1	00:05:17	
516.0	53.7	6.5	104.0	00:05:18	
517.0	52.9	6.5	104.2	00:05:18	
518.0	53.3	6.5	104.3	00:05:19	
519.0	53.3	6.5	104.0	00:05:19	
520.0	53.6	6.5	103.9	00:05:20	
521.0	53.1	6.5	104.3	00:05:21	
522.0	53.9	6.5	103.4	00:05:21	
523.0	53.3	6.5	104.6	00:05:22	
524.0	54.0	6.5	103.5	00:05:22	
525.0	53.9	6.5	103.7	00:05:23	
526.0	54.7	6.5	103.2	00:05:23	
527.0	54.6	6.5	103.1	00:05:24	
528.0	55.0	6.9	102.9	00:05:25	
529.0	54.8	7.0	103.0	00:05:25	
530.0	54.5	7.0	103.3	00:05:26	
531.0	54.7	7.0	103.0	00:05:26	
532.0	53.8	7.0	103.9	00:05:27	
533.0	54.8	7.0	103.3	00:05:27	
534.0	53.3	7.0	103.9	00:05:28	
535.0	54.4	7.0	103.2	00:05:29	
536.0	53.8	7.0	103.6	00:05:29	
537.0	53.7	7.0	103.7	00:05:30	
538.0	54.2	7.0	103.3	00:05:30	
539.0	54.9	7.0	103.0	00:05:31	
540.0	54.5	7.0	103.1	00:05:32	
541.0	55.0	7.0	102.8	00:05:32	
542.0	55.1	7.0	102.4	00:05:33	
543.0	59.3	7.0	99.4	00:05:33	
544.0	54.9	7.0	102.4	00:05:34	
545.0	55.9	7.0	100.8	00:05:34	
546.0	55.7	7.0	98.7	00:05:35	
547.0	61.4	7.0	92.5	00:05:36	
548.0	57.4	7.0	95.7	00:05:36	
549.0	52.2	7.0	99.0	00:05:37	
550.0	59.9	7.0	94.1	00:05:38	
551.0	67.9	7.0	85.1	00:05:38	
552.0	60.3	7.0	91.7	00:05:39	
553.0	54.5	7.0	98.5	00:05:40	
554.0	58.7	7.0	92.8	00:05:40	
555.0	78.2	7.0	71.8	00:05:41	
556.0	88.2	7.0	64.3	00:05:42	
557.0	70.5	7.0	75.9	00:05:43	
558.0	49.8	7.0	89.9	00:05:43	
559.0	46.7	7.0	92.7	00:05:44	
560.0	46.8	7.0	91.1	00:05:45	
561.0	51.4	7.0	89.6	00:05:45	
562.0	58.0	7.2	79.7	00:05:46	
563.0	89.0	7.6	47.8	00:05:47	
564.0	74.3	8.0	65.0	00:05:48	
565.0	57.5	8.0	77.8	00:05:49	
566.0	93.8	8.1	44.3	00:05:51	
567.0	84.3	8.0	55.2	00:05:52	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
568.0	69.6	8.1	65.8	00:05:53	
569.0	89.8	8.1	42.8	00:05:54	
570.0	70.2	8.0	61.6	00:05:55	
571.0	49.5	8.1	77.7	00:05:56	
572.0	59.1	8.1	61.2	00:05:57	
573.0	72.3	8.1	47.3	00:05:58	
574.0	50.3	8.1	71.2	00:05:59	
575.0	64.5	8.1	53.4	00:06:00	
576.0	73.3	8.1	47.8	00:06:01	
577.0	47.0	8.0	70.7	00:06:02	
578.0	71.7	8.1	41.7	00:06:04	
579.0	70.4	8.0	42.3	00:06:05	
580.0	73.8	8.1	38.4	00:06:07	
581.0	60.8	8.1	40.2	00:06:08	
582.0	60.0	8.1	40.5	00:06:10	
583.0	54.4	8.1	45.2	00:06:11	
584.0	54.2	8.0	46.6	00:06:12	
585.0	53.5	8.0	48.5	00:06:13	
586.0	56.5	8.1	49.8	00:06:15	
587.0	53.2	8.1	53.8	00:06:16	
588.0	52.4	8.1	55.0	00:06:17	
589.0	51.1	8.1	56.3	00:06:18	
590.0	51.7	8.2	56.0	00:06:19	
591.0	51.1	8.5	56.2	00:06:20	
592.0	51.7	8.5	55.9	00:06:21	
593.0	51.4	8.6	56.2	00:06:22	
594.0	51.4	8.6	56.2	00:06:23	
595.0	51.5	8.6	56.0	00:06:24	
596.0	50.9	8.6	56.5	00:06:25	
597.0	51.3	8.6	56.3	00:06:26	
598.0	50.2	8.6	57.2	00:06:27	
599.0	51.2	8.6	56.4	00:06:28	
600.0	50.1	8.6	57.2	00:06:30	
601.0	51.9	8.6	56.3	00:06:31	
602.0	50.9	8.6	57.6	00:06:32	
603.0	54.6	8.6	57.7	00:06:33	
604.0	54.6	8.6	60.4	00:06:34	
605.0	55.1	8.6	60.6	00:06:35	
606.0	53.9	8.6	62.6	00:06:36	
607.0	55.1	8.6	62.4	00:06:37	
608.0	53.4	8.5	64.0	00:06:37	
609.0	54.1	8.6	63.5	00:06:38	
610.0	53.5	8.6	64.5	00:06:39	
611.0	54.1	8.5	64.4	00:06:40	
612.0	54.5	8.6	64.8	00:06:41	
613.0	54.7	8.6	64.8	00:06:42	
614.0	54.8	8.6	65.3	00:06:43	
615.0	54.6	8.6	65.4	00:06:44	
616.0	55.1	8.5	65.2	00:06:45	
617.0	54.1	8.5	66.0	00:06:46	
618.0	54.4	8.5	65.7	00:06:47	
619.0	53.3	8.5	66.8	00:06:48	
620.0	53.8	8.5	66.5	00:06:49	
621.0	52.6	8.6	67.6	00:06:49	
622.0	53.1	8.5	67.3	00:06:50	
623.0	52.5	8.5	67.9	00:06:51	
624.0	52.9	8.5	67.4	00:06:52	
625.0	52.3	8.5	68.2	00:06:53	
626.0	53.1	8.6	67.4	00:06:54	
627.0	52.6	9.0	68.0	00:06:55	
628.0	52.7	9.0	67.6	00:06:56	
629.0	52.9	9.0	67.9	00:06:57	
630.0	52.6	9.0	67.6	00:06:57	
631.0	53.1	9.0	67.7	00:06:58	
632.0	52.9	9.0	67.5	00:06:59	
633.0	53.8	9.0	67.2	00:07:00	
634.0	53.6	9.0	67.1	00:07:01	
635.0	55.1	9.0	66.3	00:07:02	
636.0	56.4	9.0	67.1	00:07:03	
637.0	57.9	9.0	67.8	00:07:04	
638.0	56.8	9.0	69.8	00:07:05	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
639.0	56.6	9.0	70.3	00:07:05	
640.0	55.5	9.0	71.3	00:07:06	
641.0	55.5	9.0	71.7	00:07:07	
642.0	55.1	9.0	72.6	00:07:08	
643.0	55.2	9.0	72.5	00:07:09	
644.0	55.3	9.0	72.7	00:07:10	
645.0	55.0	9.0	72.7	00:07:10	
646.0	55.4	9.0	72.7	00:07:11	
647.0	54.6	9.0	73.1	00:07:12	
648.0	55.6	9.0	72.7	00:07:13	
649.0	54.0	9.0	73.6	00:07:14	
650.0	55.2	9.0	73.0	00:07:14	
651.0	53.9	9.0	73.7	00:07:15	
652.0	55.2	9.0	72.9	00:07:16	
653.0	54.2	9.0	73.7	00:07:17	
654.0	55.2	9.0	72.8	00:07:18	
655.0	54.2	9.0	73.6	00:07:19	
656.0	55.4	9.0	72.6	00:07:19	
657.0	55.5	9.0	73.0	00:07:20	
658.0	55.9	9.0	72.1	00:07:21	
659.0	55.9	9.0	72.4	00:07:22	
660.0	56.0	9.0	72.0	00:07:23	
661.0	55.7	9.0	72.6	00:07:23	
662.0	54.7	9.0	73.2	00:07:24	
663.0	55.3	9.0	72.9	00:07:25	
664.0	53.9	9.0	73.8	00:07:26	
665.0	55.6	9.0	72.7	00:07:27	
666.0	54.0	9.0	73.7	00:07:28	
667.0	55.6	9.0	72.7	00:07:29	
668.0	54.0	9.0	73.8	00:07:29	
669.0	55.7	9.0	72.4	00:07:30	
670.0	54.0	9.0	73.8	00:07:31	
671.0	56.1	9.0	72.2	00:07:32	
672.0	54.5	9.0	73.3	00:07:33	
673.0	55.9	9.0	72.3	00:07:33	
674.0	54.7	9.0	73.4	00:07:34	
675.0	55.4	9.0	72.6	00:07:35	
676.0	54.7	9.0	73.5	00:07:36	
677.0	55.3	9.0	72.5	00:07:37	
678.0	55.6	9.0	72.6	00:07:38	
679.0	57.9	9.0	72.5	00:07:38	
680.0	60.9	9.0	73.2	00:07:39	
681.0	59.6	9.0	74.7	00:07:40	
682.0	60.0	9.0	74.7	00:07:41	
683.0	58.3	9.0	76.3	00:07:42	
684.0	59.1	9.0	75.9	00:07:42	
685.0	57.6	9.0	77.5	00:07:43	
686.0	58.2	9.0	76.8	00:07:44	
687.0	62.0	9.0	71.7	00:07:45	
688.0	63.7	9.0	69.8	00:07:46	
689.0	54.7	9.0	75.1	00:07:46	
690.0	52.2	9.0	73.8	00:07:47	
691.0	64.1	9.0	62.5	00:07:48	
692.0	64.1	9.0	60.4	00:07:49	
693.0	48.6	9.0	65.2	00:07:50	
694.0	55.2	9.0	59.0	00:07:51	
695.0	52.2	9.0	61.6	00:07:52	
696.0	52.4	9.0	61.3	00:07:53	
697.0	53.8	9.0	62.7	00:07:54	
698.0	56.5	9.0	64.5	00:07:55	
699.0	56.1	9.0	66.9	00:07:56	
700.0	55.4	9.0	68.3	00:07:57	
701.0	55.9	9.0	69.0	00:07:58	
702.0	55.2	9.0	70.2	00:07:58	
703.0	55.6	9.2	70.2	00:07:59	
704.0	53.9	9.5	71.5	00:08:00	
705.0	54.8	9.5	70.9	00:08:01	
706.0	53.3	9.5	72.4	00:08:02	
707.0	54.3	9.6	71.5	00:08:03	
708.0	53.6	9.6	72.2	00:08:03	
709.0	54.3	9.6	71.4	00:08:04	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
710.0	54.7	9.6	71.7	00:08:05	
711.0	53.9	9.6	71.6	00:08:06	
712.0	54.4	9.6	71.9	00:08:07	
713.0	54.7	9.6	72.0	00:08:08	
714.0	55.4	9.6	72.4	00:08:08	
715.0	54.4	9.6	72.7	00:08:09	
716.0	56.4	9.6	69.6	00:08:10	
717.0	62.8	9.6	66.3	00:08:11	
718.0	55.4	9.6	69.6	00:08:12	
719.0	55.2	9.6	65.6	00:08:13	
720.0	72.7	9.6	44.6	00:08:14	
721.0	52.0	9.6	64.3	00:08:15	
722.0	50.6	9.6	63.9	00:08:16	
723.0	63.9	9.6	52.9	00:08:17	
724.0	66.3	9.6	48.2	00:08:19	
725.0	55.0	9.6	51.6	00:08:20	
726.0	53.3	9.6	50.5	00:08:21	
727.0	61.0	9.6	44.6	00:08:22	
728.0	60.1	9.6	44.1	00:08:24	
729.0	60.3	9.6	44.5	00:08:25	
730.0	63.3	9.6	41.6	00:08:26	
731.0	64.7	9.5	39.8	00:08:28	
732.0	64.7	9.7	39.6	00:08:29	
733.0	60.6	10.0	43.3	00:08:31	
734.0	59.3	10.0	44.5	00:08:32	
735.0	59.7	10.0	44.2	00:08:33	
736.0	58.9	10.0	44.7	00:08:35	
737.0	57.5	10.0	46.2	00:08:36	
738.0	54.5	10.0	48.9	00:08:37	
739.0	54.2	10.0	49.6	00:08:39	
740.0	52.4	10.0	50.9	00:08:40	
741.0	53.4	10.0	50.5	00:08:41	
742.0	52.0	10.0	51.6	00:08:42	
743.0	53.7	10.0	50.8	00:08:43	
744.0	55.8	10.0	52.4	00:08:44	
745.0	55.7	10.0	52.6	00:08:45	
746.0	55.7	10.0	53.4	00:08:47	
747.0	56.0	10.0	53.5	00:08:48	
748.0	55.8	10.0	54.2	00:08:49	
749.0	55.0	10.0	54.7	00:08:50	
750.0	55.5	10.0	54.7	00:08:51	
751.0	54.7	10.0	55.1	00:08:52	
752.0	56.3	10.0	54.2	00:08:53	
753.0	54.5	10.0	55.4	00:08:54	
754.0	56.1	10.0	54.4	00:08:55	
755.0	53.8	10.0	55.9	00:08:56	
756.0	56.5	10.0	53.9	00:08:58	
757.0	57.3	10.0	56.6	00:08:59	
758.0	59.1	10.0	55.4	00:09:00	
759.0	56.4	10.0	57.6	00:09:01	
760.0	55.8	10.0	54.1	00:09:02	
761.0	57.8	10.0	51.0	00:09:03	
762.0	56.8	10.3	51.8	00:09:04	
763.0	66.8	10.5	41.0	00:09:06	
764.0	54.0	10.5	52.8	00:09:07	
765.0	67.2	10.5	41.4	00:09:08	
766.0	62.7	10.5	45.3	00:09:10	
767.0	69.4	10.5	38.3	00:09:11	
768.0	60.0	10.5	46.6	00:09:13	
769.0	59.6	10.5	37.6	00:09:14	
770.0	55.8	10.5	38.7	00:09:16	
771.0	58.7	10.5	36.4	00:09:17	
772.0	60.9	10.5	35.7	00:09:19	
773.0	64.2	10.5	36.6	00:09:21	
774.0	61.8	10.5	38.5	00:09:22	
775.0	64.4	10.5	40.1	00:09:24	
776.0	60.0	10.5	44.8	00:09:25	
777.0	57.9	10.5	47.2	00:09:26	
778.0	55.4	10.5	49.8	00:09:28	
779.0	56.3	10.5	49.4	00:09:29	
780.0	54.2	10.5	51.0	00:09:30	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
781.0	55.6	10.5	50.2	00:09:31	
782.0	53.6	10.5	51.8	00:09:32	
783.0	55.0	10.5	50.8	00:09:33	
784.0	53.3	10.5	51.9	00:09:35	
785.0	55.3	10.5	50.6	00:09:36	
786.0	53.9	10.5	51.7	00:09:37	
787.0	55.3	10.5	50.6	00:09:38	
788.0	54.5	10.5	51.4	00:09:39	
789.0	55.4	10.5	50.6	00:09:40	
790.0	55.1	10.5	51.0	00:09:42	
791.0	55.2	10.5	50.7	00:09:43	
792.0	55.0	10.5	50.9	00:09:44	
793.0	54.3	10.5	51.4	00:09:45	
794.0	54.8	10.5	51.2	00:09:46	
795.0	54.0	10.5	51.6	00:09:48	
796.0	55.0	10.5	51.0	00:09:49	
797.0	53.8	10.8	51.8	00:09:50	
798.0	55.4	11.0	50.8	00:09:51	
799.0	54.0	11.0	51.6	00:09:52	
800.0	55.9	11.0	50.3	00:09:53	
801.0	54.2	11.0	51.3	00:09:55	
802.0	55.9	11.0	50.4	00:09:56	
803.0	54.1	11.0	51.4	00:09:57	
804.0	56.2	11.0	50.1	00:09:58	
805.0	54.8	10.9	50.9	00:09:59	
806.0	56.6	10.5	49.7	00:10:01	
807.0	55.1	10.2	50.7	00:10:02	
808.0	56.2	10.0	49.9	00:10:03	
809.0	55.6	9.9	50.4	00:10:04	
810.0	56.7	9.9	49.4	00:10:05	
811.0	56.0	9.9	50.0	00:10:07	
812.0	56.6	9.9	49.5	00:10:08	
813.0	56.3	10.3	49.8	00:10:09	
814.0	56.3	10.7	49.7	00:10:10	
815.0	56.4	10.9	49.8	00:10:11	
816.0	55.7	11.0	50.1	00:10:13	
817.0	56.1	11.0	50.0	00:10:14	
818.0	55.9	11.0	49.8	00:10:15	
819.0	56.6	11.0	49.6	00:10:16	
820.0	57.1	11.0	50.4	00:10:17	
821.0	59.0	11.0	51.4	00:10:19	
822.0	57.8	11.0	52.6	00:10:20	
823.0	59.0	11.0	52.2	00:10:21	
824.0	57.6	11.0	53.1	00:10:22	
825.0	58.6	11.0	52.7	00:10:23	
826.0	57.4	11.0	53.5	00:10:24	
827.0	58.8	11.0	52.6	00:10:25	
828.0	57.7	11.0	53.4	00:10:27	
829.0	59.0	11.0	52.7	00:10:28	
830.0	57.9	11.0	53.4	00:10:29	
831.0	59.2	11.0	52.3	00:10:30	
832.0	58.7	11.0	52.8	00:10:31	
833.0	58.8	11.0	52.6	00:10:32	
834.0	58.3	11.0	53.1	00:10:33	
835.0	58.5	11.0	52.8	00:10:34	
836.0	58.4	11.0	53.1	00:10:36	
837.0	58.1	11.3	53.2	00:10:37	
838.0	58.0	11.5	53.5	00:10:38	
839.0	57.9	11.6	53.2	00:10:39	
840.0	58.7	11.6	52.9	00:10:40	
841.0	58.2	11.6	53.1	00:10:41	
842.0	58.5	11.6	53.1	00:10:42	
843.0	57.5	11.6	53.6	00:10:43	
844.0	58.8	11.6	52.9	00:10:45	
845.0	57.8	11.6	53.3	00:10:46	
846.0	58.8	11.6	52.9	00:10:47	
847.0	57.9	11.6	53.2	00:10:48	
848.0	64.8	11.6	47.1	00:10:49	
849.0	63.4	11.6	48.5	00:10:50	
850.0	62.4	11.6	49.2	00:10:52	
851.0	70.4	11.6	41.3	00:10:53	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
852.0	65.7	11.6	45.8	00:10:55	
853.0	75.0	11.6	37.2	00:10:56	
854.0	66.1	11.6	44.8	00:10:57	
855.0	74.3	11.6	37.6	00:10:59	
856.0	68.1	11.6	42.9	00:11:00	
857.0	74.3	11.6	36.9	00:11:02	
858.0	65.7	11.6	45.1	00:11:03	
859.0	74.1	11.6	38.2	00:11:05	
860.0	65.9	11.6	45.0	00:11:06	
861.0	74.6	11.6	36.9	00:11:08	
862.0	63.7	11.6	46.4	00:11:09	
863.0	77.8	11.6	39.1	00:11:11	
864.0	75.4	11.6	47.0	00:11:12	
865.0	84.5	11.6	39.9	00:11:14	
866.0	70.0	11.6	53.3	00:11:15	
867.0	71.1	11.6	51.9	00:11:16	
868.0	83.2	11.6	40.9	00:11:17	
869.0	69.2	11.6	52.0	00:11:19	
870.0	84.0	11.6	38.0	00:11:20	
871.0	70.0	11.6	51.3	00:11:21	
872.0	73.0	11.6	47.8	00:11:23	
873.0	87.1	11.6	36.9	00:11:24	
874.0	82.7	11.6	39.4	00:11:26	
875.0	79.1	11.6	42.1	00:11:27	
876.0	83.0	11.6	38.8	00:11:29	
877.0	88.3	11.6	33.9	00:11:31	
878.0	82.3	11.6	38.9	00:11:32	
879.0	81.2	11.6	40.0	00:11:34	
880.0	72.6	11.5	47.9	00:11:35	
881.0	74.0	11.6	47.3	00:11:36	
882.0	81.0	11.6	37.4	00:11:38	
883.0	56.0	11.5	53.2	00:11:39	
884.0	70.0	11.6	37.7	00:11:41	
885.0	66.3	12.0	40.3	00:11:42	
886.0	69.1	12.5	37.2	00:11:44	
887.0	63.3	12.5	42.2	00:11:45	
888.0	66.5	12.5	35.9	00:11:47	
889.0	51.3	12.5	38.4	00:11:48	
890.0	56.4	12.5	31.8	00:11:50	
891.0	56.0	12.5	31.9	00:11:52	
892.0	55.6	12.5	32.4	00:11:54	
893.0	57.3	12.5	31.0	00:11:56	
894.0	56.8	12.5	31.3	00:11:58	
895.0	57.9	12.5	30.4	00:12:00	
896.0	58.8	12.5	30.3	00:12:02	
897.0	60.5	12.5	31.1	00:12:04	
898.0	62.4	12.5	33.6	00:12:05	
899.0	60.4	12.5	35.7	00:12:07	
900.0	60.7	12.5	35.6	00:12:09	
901.0	59.0	12.5	37.0	00:12:10	
902.0	60.6	12.5	36.3	00:12:12	
903.0	61.2	12.5	38.5	00:12:14	
904.0	63.0	12.5	39.1	00:12:15	
905.0	60.9	12.5	41.1	00:12:17	
906.0	61.7	12.5	40.7	00:12:18	
907.0	60.2	12.5	42.1	00:12:20	
908.0	61.8	12.5	40.7	00:12:21	
909.0	60.5	12.5	41.9	00:12:22	
910.0	62.1	12.5	40.5	00:12:24	
911.0	61.4	12.5	42.6	00:12:25	
912.0	62.9	12.5	42.3	00:12:27	
913.0	61.1	12.5	43.9	00:12:28	
914.0	62.2	12.5	43.2	00:12:29	
915.0	61.5	12.5	43.7	00:12:31	
916.0	62.2	12.5	43.2	00:12:32	
917.0	61.8	12.5	43.6	00:12:34	
918.0	62.1	12.5	43.3	00:12:35	
919.0	62.3	12.5	43.2	00:12:36	
920.0	61.9	12.5	43.4	00:12:38	
921.0	62.6	12.5	42.9	00:12:39	
922.0	61.6	12.5	43.8	00:12:41	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
923.0	61.8	12.5	43.6	00:12:42	
924.0	61.0	12.5	44.4	00:12:43	
925.0	62.3	12.5	43.3	00:12:45	
926.0	61.1	12.5	44.3	00:12:46	
927.0	63.1	12.5	42.7	00:12:47	
928.0	60.8	12.5	44.4	00:12:49	
929.0	62.8	12.5	42.9	00:12:50	
930.0	60.4	12.5	44.7	00:12:52	
931.0	62.6	12.5	43.1	00:12:53	
932.0	60.6	12.5	44.7	00:12:54	
933.0	62.6	12.5	43.1	00:12:56	
934.0	60.5	12.5	44.7	00:12:57	
935.0	62.7	12.5	43.1	00:12:58	
936.0	61.3	12.5	44.1	00:13:00	
937.0	62.7	12.5	43.1	00:13:01	
938.0	61.9	12.5	43.6	00:13:03	
939.0	63.1	12.5	42.7	00:13:04	
940.0	63.1	12.5	42.7	00:13:05	
941.0	63.3	12.5	42.6	00:13:07	
942.0	63.5	12.5	42.5	00:13:08	
943.0	62.5	12.5	43.1	00:13:10	
944.0	63.1	12.5	42.7	00:13:11	
945.0	61.7	12.5	43.5	00:13:12	
946.0	62.7	12.5	43.1	00:13:14	
947.0	61.1	12.5	44.0	00:13:15	
948.0	62.8	12.5	43.2	00:13:16	
949.0	61.4	12.5	44.1	00:13:18	
950.0	63.6	12.5	43.0	00:13:19	
951.0	61.9	12.5	44.8	00:13:21	
952.0	63.4	12.5	44.2	00:13:22	
953.0	62.1	12.5	45.7	00:13:23	
954.0	63.7	12.5	45.2	00:13:25	
955.0	62.6	12.5	46.4	00:13:26	
956.0	63.6	13.0	46.0	00:13:27	
957.0	62.8	13.1	46.3	00:13:29	
958.0	64.1	13.1	45.7	00:13:30	
959.0	62.9	13.1	46.4	00:13:31	
960.0	64.0	13.1	45.6	00:13:32	
961.0	63.6	13.1	46.0	00:13:34	
962.0	63.9	13.1	45.6	00:13:35	
963.0	63.1	13.1	46.3	00:13:36	
964.0	63.5	13.1	45.9	00:13:38	
965.0	63.4	13.1	46.1	00:13:39	
966.0	63.5	13.1	46.0	00:13:40	
967.0	62.6	13.1	46.7	00:13:41	
968.0	62.9	13.1	46.3	00:13:43	
969.0	62.3	13.1	47.0	00:13:44	
970.0	63.4	13.1	46.1	00:13:45	
971.0	62.7	13.1	46.6	00:13:47	
972.0	63.9	13.1	45.9	00:13:48	
973.0	64.7	13.1	45.5	00:13:49	
974.0	64.9	13.1	45.5	00:13:51	
975.0	71.5	13.1	39.5	00:13:52	
976.0	60.5	13.1	44.8	00:13:53	
977.0	67.4	13.1	39.3	00:13:55	
978.0	66.1	13.1	40.2	00:13:56	
979.0	68.1	13.1	38.5	00:13:58	
980.0	66.5	13.1	39.6	00:14:00	
981.0	69.6	13.1	37.3	00:14:01	
982.0	67.3	13.1	39.0	00:14:03	
983.0	68.4	13.1	38.2	00:14:04	
984.0	67.0	13.1	39.2	00:14:06	
985.0	66.0	13.1	40.1	00:14:07	
986.0	64.2	13.1	41.2	00:14:09	
987.0	69.5	13.1	37.0	00:14:10	
988.0	68.0	13.1	38.0	00:14:12	
989.0	69.5	13.1	37.2	00:14:14	
990.0	68.7	13.1	37.5	00:14:15	
991.0	67.4	13.1	38.7	00:14:17	
992.0	68.3	13.1	37.9	00:14:18	
993.0	67.0	13.1	39.0	00:14:20	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
994.0	67.3	13.1	38.8	00:14:21	
995.0	67.1	13.1	39.0	00:14:23	
996.0	67.7	13.1	38.5	00:14:25	
997.0	67.5	13.1	38.6	00:14:26	
998.0	67.9	13.1	38.3	00:14:28	
999.0	67.3	13.1	38.7	00:14:29	
1000.0	67.7	13.1	38.7	00:14:31	
1001.0	68.4	13.1	38.1	00:14:32	
1002.0	66.9	13.1	39.0	00:14:34	
1003.0	68.3	13.1	38.2	00:14:35	
1004.0	68.3	13.1	37.0	00:14:37	
1005.0	66.7	13.1	37.2	00:14:39	
1006.0	66.8	13.1	39.5	00:14:40	
1007.0	65.1	12.9	40.8	00:14:42	
1008.0	64.7	12.4	41.3	00:14:43	
1009.0	64.8	12.2	41.1	00:14:45	
1010.0	65.4	12.2	41.0	00:14:46	
1011.0	70.1	12.1	36.5	00:14:48	
1012.0	68.9	12.0	37.4	00:14:49	
1013.0	70.3	12.0	36.4	00:14:51	
1014.0	69.7	12.0	37.2	00:14:53	
1015.0	68.8	12.0	38.0	00:14:54	
1016.0	70.6	12.0	36.5	00:14:56	
1017.0	67.3	12.0	39.6	00:14:57	
1018.0	71.2	12.0	36.4	00:14:59	
1019.0	66.6	12.0	39.9	00:15:01	
1020.0	70.6	12.0	36.9	00:15:02	
1021.0	67.2	12.0	39.4	00:15:04	
1022.0	70.7	12.0	36.7	00:15:05	
1023.0	67.4	12.4	39.2	00:15:07	
1024.0	70.3	12.8	37.0	00:15:09	
1025.0	68.3	13.0	38.2	00:15:10	
1026.0	68.4	13.0	38.3	00:15:12	
1027.0	67.6	13.0	38.9	00:15:13	
1028.0	65.8	13.0	40.4	00:15:15	
1029.0	64.0	13.0	41.6	00:15:16	
1030.0	67.5	13.0	38.8	00:15:18	
1031.0	67.6	13.0	39.0	00:15:19	
1032.0	69.2	13.0	37.6	00:15:21	
1033.0	67.2	13.0	39.3	00:15:22	
1034.0	69.1	13.2	37.9	00:15:24	
1035.0	66.9	13.5	39.5	00:15:25	
1036.0	69.3	13.5	37.7	00:15:27	
1037.0	66.2	13.5	40.1	00:15:28	
1038.0	68.9	13.5	38.0	00:15:30	
1039.0	66.3	13.5	40.0	00:15:32	
1040.0	68.7	13.5	38.1	00:15:33	
1041.0	66.5	13.5	39.7	00:15:35	
1042.0	68.7	13.5	38.2	00:15:36	
1043.0	67.2	13.5	39.2	00:15:38	
1044.0	68.3	13.5	38.5	00:15:39	
1045.0	67.3	13.5	39.2	00:15:41	
1046.0	69.4	13.5	38.8	00:15:42	
1047.0	69.1	13.5	39.8	00:15:44	
1048.0	68.8	13.5	40.6	00:15:45	
1049.0	68.8	13.5	40.7	00:15:47	
1050.0	67.7	13.5	41.6	00:15:48	
1051.0	68.6	13.5	41.0	00:15:50	
1052.0	67.0	13.5	42.0	00:15:51	
1053.0	68.7	13.5	41.2	00:15:53	
1054.0	66.8	13.5	42.7	00:15:54	
1055.0	69.2	13.5	41.3	00:15:56	
1056.0	66.8	13.5	43.0	00:15:57	
1057.0	69.1	13.5	41.7	00:15:58	
1058.0	66.8	13.5	43.0	00:16:00	
1059.0	68.8	13.5	41.9	00:16:01	
1060.0	66.3	13.5	43.5	00:16:03	
1061.0	68.6	13.5	42.2	00:16:04	
1062.0	66.8	13.5	43.2	00:16:05	
1063.0	68.2	13.5	42.4	00:16:07	
1064.0	66.9	13.5	43.1	00:16:08	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1065.0	69.2	13.5	41.6	00:16:10	
1066.0	65.6	13.5	44.1	00:16:11	
1067.0	68.6	13.5	42.0	00:16:12	
1068.0	68.2	13.5	42.2	00:16:14	
1069.0	68.9	13.5	41.8	00:16:15	
1070.0	67.3	13.5	43.0	00:16:17	
1071.0	67.9	13.5	42.4	00:16:18	
1072.0	66.7	13.5	43.5	00:16:20	
1073.0	68.0	13.5	42.5	00:16:21	
1074.0	66.7	13.5	43.6	00:16:22	
1075.0	67.4	13.5	42.8	00:16:24	
1076.0	66.4	13.5	43.9	00:16:25	
1077.0	67.7	13.5	42.8	00:16:26	
1078.0	66.3	13.5	43.7	00:16:28	
1079.0	68.5	13.5	42.2	00:16:29	
1080.0	74.1	13.5	36.8	00:16:31	
1081.0	69.1	13.8	40.9	00:16:32	
1082.0	73.5	14.1	37.8	00:16:34	
1083.0	75.8	14.1	35.7	00:16:36	
1084.0	74.2	14.1	36.7	00:16:37	
1085.0	72.2	14.1	38.9	00:16:39	
1086.0	74.5	14.1	36.5	00:16:40	
1087.0	72.5	14.1	38.5	00:16:42	
1088.0	73.8	14.1	36.8	00:16:44	
1089.0	73.9	14.1	37.5	00:16:45	
1090.0	71.7	14.1	39.0	00:16:47	
1091.0	70.3	14.1	40.2	00:16:48	
1092.0	74.8	14.1	36.4	00:16:50	
1093.0	70.2	14.1	40.0	00:16:51	
1094.0	73.7	14.1	37.3	00:16:53	
1095.0	71.7	14.1	39.4	00:16:55	
1096.0	74.0	14.1	37.3	00:16:56	
1097.0	69.5	14.1	41.1	00:16:58	
1098.0	74.3	14.1	37.0	00:16:59	
1099.0	69.2	14.1	40.7	00:17:01	
1100.0	73.9	14.1	37.4	00:17:02	
1101.0	72.6	14.1	38.1	00:17:04	
1102.0	73.3	14.1	37.8	00:17:06	
1103.0	71.9	14.1	39.3	00:17:07	
1104.0	75.0	14.1	36.4	00:17:09	
1105.0	70.4	14.1	39.9	00:17:10	
1106.0	72.5	14.1	38.5	00:17:12	
1107.0	74.1	14.1	37.0	00:17:13	
1108.0	73.5	14.1	37.4	00:17:15	
1109.0	74.2	14.1	37.1	00:17:17	
1110.0	74.6	14.1	36.4	00:17:18	
1111.0	73.0	14.1	38.0	00:17:20	
1112.0	72.8	14.1	38.0	00:17:21	
1113.0	71.1	14.1	39.4	00:17:23	
1114.0	74.4	14.1	36.5	00:17:25	
1115.0	71.7	14.1	39.1	00:17:26	
1116.0	74.3	14.1	36.9	00:17:28	
1117.0	72.7	14.3	38.2	00:17:29	
1118.0	72.9	14.5	38.0	00:17:31	
1119.0	71.2	14.5	39.8	00:17:32	
1120.0	72.3	14.5	38.9	00:17:34	
1121.0	70.0	14.5	40.6	00:17:35	
1122.0	72.4	14.5	38.6	00:17:37	
1123.0	69.8	14.5	40.7	00:17:38	
1124.0	70.8	14.5	40.2	00:17:40	
1125.0	72.2	14.5	38.8	00:17:41	
1126.0	72.6	14.5	38.3	00:17:43	
1127.0	74.0	14.5	37.2	00:17:45	
1128.0	72.8	14.5	37.9	00:17:46	
1129.0	73.4	14.5	37.7	00:17:48	
1130.0	73.3	14.5	37.8	00:17:49	
1131.0	74.2	14.5	35.8	00:17:51	
1132.0	70.6	14.5	34.1	00:17:53	
1133.0	68.5	14.5	35.5	00:17:55	
1134.0	68.3	14.5	35.4	00:17:56	
1135.0	69.0	14.5	37.0	00:17:58	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1136.0	68.3	14.5	37.6	00:18:00	
1137.0	67.2	14.5	38.6	00:18:01	
1138.0	68.0	14.5	37.8	00:18:03	
1139.0	67.5	14.5	38.4	00:18:04	
1140.0	68.7	14.5	37.3	00:18:06	
1141.0	67.5	14.5	38.5	00:18:07	
1142.0	70.3	14.5	37.5	00:18:09	
1143.0	69.3	14.5	39.6	00:18:11	
1144.0	70.6	14.5	38.8	00:18:12	
1145.0	68.6	14.5	40.3	00:18:14	
1146.0	70.8	14.5	38.8	00:18:15	
1147.0	72.5	14.5	38.5	00:18:17	
1148.0	73.2	14.5	38.0	00:18:18	
1149.0	73.0	14.5	38.3	00:18:20	
1150.0	73.6	14.5	37.8	00:18:21	
1151.0	74.0	14.5	39.4	00:18:23	
1152.0	73.8	14.5	39.4	00:18:24	
1153.0	76.3	14.5	37.5	00:18:26	
1154.0	75.3	14.5	38.1	00:18:28	
1155.0	74.4	14.5	38.7	00:18:29	
1156.0	74.4	14.5	39.5	00:18:31	
1157.0	73.0	14.5	40.3	00:18:32	
1158.0	75.0	14.5	38.6	00:18:34	
1159.0	75.4	14.5	38.4	00:18:35	
1160.0	74.7	14.5	38.7	00:18:37	
1161.0	75.5	14.5	38.3	00:18:38	
1162.0	75.9	15.0	37.7	00:18:40	
1163.0	76.9	15.5	36.9	00:18:42	
1164.0	73.2	15.5	39.7	00:18:43	
1165.0	73.5	15.5	40.0	00:18:45	
1166.0	76.5	15.5	37.3	00:18:46	
1167.0	75.5	15.5	38.0	00:18:48	
1168.0	74.0	15.5	39.3	00:18:49	
1169.0	73.1	15.5	40.1	00:18:51	
1170.0	77.2	15.5	36.7	00:18:53	
1171.0	76.3	15.5	37.3	00:18:54	
1172.0	76.6	15.5	37.2	00:18:56	
1173.0	75.8	15.5	37.8	00:18:57	
1174.0	73.5	15.5	39.8	00:18:59	
1175.0	73.8	15.5	39.5	00:19:00	
1176.0	75.9	15.5	37.9	00:19:02	
1177.0	75.0	15.5	38.7	00:19:03	
1178.0	75.4	15.5	38.4	00:19:05	
1179.0	74.1	15.5	39.6	00:19:07	
1180.0	71.8	15.5	41.0	00:19:08	
1181.0	74.8	15.5	39.3	00:19:10	
1182.0	76.5	15.5	37.0	00:19:11	
1183.0	73.6	15.5	40.1	00:19:13	
1184.0	69.6	15.6	36.7	00:19:14	
1185.0	64.3	15.6	33.2	00:19:16	
1186.0	66.4	15.6	31.3	00:19:18	
1187.0	67.6	15.6	30.3	00:19:20	
1188.0	67.0	15.6	31.0	00:19:22	
1189.0	71.1	15.6	32.0	00:19:24	
1190.0	70.7	15.6	35.2	00:19:26	
1191.0	70.8	15.6	35.1	00:19:27	
1192.0	70.0	15.6	35.8	00:19:29	
1193.0	71.1	15.6	35.1	00:19:31	
1194.0	71.5	15.6	36.1	00:19:32	
1195.0	73.0	15.6	36.5	00:19:34	
1196.0	71.4	15.6	38.5	00:19:36	
1197.0	71.7	15.6	38.4	00:19:37	
1198.0	70.1	15.6	39.9	00:19:39	
1199.0	71.0	15.6	39.3	00:19:40	
1200.0	69.2	15.5	40.8	00:19:42	
1201.0	71.0	15.5	39.5	00:19:43	
1202.0	69.1	15.5	40.8	00:19:45	
1203.0	71.7	15.5	38.9	00:19:46	
1204.0	69.6	15.6	40.6	00:19:48	
1205.0	72.2	15.5	38.7	00:19:49	
1206.0	69.3	15.5	40.8	00:19:51	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1207.0	71.8	15.5	38.9	00:19:52	
1208.0	69.6	15.5	40.6	00:19:54	
1209.0	72.3	15.6	38.6	00:19:55	
1210.0	70.3	15.5	40.1	00:19:57	
1211.0	72.4	15.6	38.6	00:19:58	
1212.0	71.0	15.6	39.5	00:20:00	
1213.0	72.4	15.6	38.6	00:20:01	
1214.0	72.2	15.6	38.7	00:20:03	
1215.0	73.5	15.6	37.7	00:20:04	
1216.0	72.4	15.6	38.6	00:20:06	
1217.0	72.4	15.6	38.4	00:20:08	
1218.0	71.8	15.6	39.0	00:20:09	
1219.0	71.2	15.6	39.3	00:20:11	
1220.0	71.2	15.6	39.6	00:20:12	
1221.0	71.1	15.5	39.6	00:20:14	
1222.0	70.8	15.6	40.1	00:20:15	
1223.0	71.1	15.5	39.6	00:20:17	
1224.0	72.7	15.6	38.4	00:20:18	
1225.0	72.4	15.6	37.9	00:20:20	
1226.0	71.1	15.6	38.5	00:20:21	
1227.0	74.4	15.6	36.0	00:20:23	
1228.0	72.8	15.6	37.1	00:20:25	
1229.0	73.4	15.6	36.9	00:20:26	
1230.0	72.7	15.6	37.4	00:20:28	
1231.0	66.0	15.6	42.6	00:20:29	
1232.0	64.8	15.6	43.8	00:20:31	
1233.0	64.8	15.5	44.1	00:20:32	
1234.0	64.7	15.5	44.3	00:20:33	
1235.0	64.4	15.5	44.6	00:20:35	
1236.0	64.8	15.5	44.3	00:20:36	
1237.0	63.8	15.5	45.1	00:20:37	
1238.0	69.6	15.5	39.9	00:20:39	
1239.0	69.1	15.6	40.3	00:20:40	
1240.0	64.3	15.5	44.5	00:20:42	
1241.0	72.4	15.5	37.3	00:20:43	
1242.0	70.1	15.6	39.1	00:20:45	
1243.0	73.0	15.6	37.1	00:20:47	
1244.0	75.8	15.6	35.0	00:20:48	
1245.0	75.8	15.6	34.9	00:20:50	
1246.0	72.4	15.6	37.6	00:20:52	
1247.0	73.0	15.6	36.6	00:20:53	
1248.0	72.8	15.6	37.3	00:20:55	
1249.0	73.0	15.6	36.6	00:20:56	
1250.0	72.7	15.6	37.2	00:20:58	
1251.0	74.4	15.6	35.6	00:21:00	
1252.0	74.1	15.6	35.9	00:21:01	
1253.0	71.5	15.6	37.8	00:21:03	
1254.0	71.3	15.6	38.0	00:21:05	
1255.0	71.4	15.6	37.9	00:21:06	
1256.0	71.8	15.6	37.7	00:21:08	
1257.0	71.2	15.6	38.1	00:21:09	
1258.0	72.1	15.6	37.5	00:21:11	
1259.0	70.6	15.6	38.5	00:21:13	
1260.0	71.7	15.6	37.8	00:21:14	
1261.0	70.3	15.6	38.8	00:21:16	
1262.0	72.0	15.6	37.7	00:21:17	
1263.0	69.5	15.6	39.3	00:21:19	
1264.0	71.4	15.6	38.2	00:21:20	
1265.0	69.5	15.6	39.4	00:21:22	
1266.0	71.5	15.6	38.2	00:21:23	
1267.0	69.7	15.6	39.3	00:21:25	
1268.0	71.7	15.6	38.1	00:21:27	
1269.0	70.1	15.6	39.0	00:21:28	
1270.0	71.0	15.6	38.6	00:21:30	
1271.0	73.3	15.6	36.3	00:21:31	
1272.0	74.2	15.6	36.1	00:21:33	
1273.0	71.0	15.6	38.4	00:21:35	
1274.0	70.9	15.6	38.5	00:21:36	
1275.0	71.0	15.6	38.4	00:21:38	
1276.0	71.5	15.6	38.0	00:21:39	
1277.0	71.5	15.6	38.1	00:21:41	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1278.0	72.8	15.6	37.1	00:21:42	
1279.0	71.7	15.6	37.9	00:21:44	
1280.0	71.4	15.6	38.2	00:21:46	
1281.0	69.7	15.6	39.4	00:21:47	
1282.0	71.0	15.6	38.5	00:21:49	
1283.0	69.4	15.6	39.6	00:21:50	
1284.0	71.4	15.6	38.3	00:21:52	
1285.0	69.0	15.6	39.9	00:21:53	
1286.0	71.0	15.6	38.7	00:21:55	
1287.0	69.4	15.6	39.6	00:21:56	
1288.0	71.1	15.6	38.6	00:21:58	
1289.0	69.7	15.6	39.4	00:21:59	
1290.0	69.9	15.6	39.5	00:22:01	
1291.0	69.3	15.5	39.6	00:22:02	
1292.0	70.0	15.6	39.4	00:22:04	
1293.0	69.9	15.6	39.4	00:22:06	
1294.0	69.8	15.5	39.6	00:22:07	
1295.0	70.1	15.5	39.2	00:22:09	
1296.0	70.5	15.6	39.1	00:22:10	
1297.0	70.4	15.6	38.9	00:22:12	
1298.0	71.2	15.6	38.5	00:22:13	
1299.0	73.4	15.6	36.6	00:22:15	
1300.0	75.2	15.6	35.3	00:22:17	
1301.0	70.7	15.6	38.6	00:22:18	
1302.0	71.5	15.6	38.2	00:22:20	
1303.0	69.4	15.6	39.5	00:22:21	
1304.0	71.3	15.6	38.4	00:22:23	
1305.0	69.8	15.6	39.2	00:22:24	
1306.0	70.6	15.6	38.8	00:22:26	
1307.0	71.4	15.6	38.4	00:22:27	
1308.0	72.2	15.6	37.6	00:22:29	
1309.0	73.5	15.6	36.3	00:22:31	
1310.0	75.2	15.6	35.4	00:22:32	
1311.0	73.3	15.6	36.5	00:22:34	
1312.0	74.3	15.6	35.9	00:22:36	
1313.0	75.2	15.6	35.1	00:22:37	
1314.0	74.1	15.6	35.8	00:22:39	
1315.0	75.6	15.6	34.9	00:22:41	
1316.0	75.2	15.6	34.9	00:22:43	
1317.0	75.7	15.6	35.7	00:22:44	
1318.0	77.7	15.6	36.9	00:22:46	
1319.0	82.2	15.6	40.7	00:22:47	
1320.0	77.7	15.5	44.1	00:22:49	
1321.0	90.0	15.5	34.2	00:22:50	
1322.0	81.2	15.5	41.6	00:22:52	
1323.0	85.5	15.5	38.8	00:22:53	
1324.0	87.6	15.5	37.2	00:22:55	
1325.0	80.3	15.5	43.2	00:22:56	
1326.0	89.6	15.5	34.5	00:22:58	
1327.0	80.0	15.5	43.0	00:23:00	
1328.0	82.3	15.5	40.8	00:23:01	
1329.0	91.1	15.5	34.9	00:23:03	
1330.0	83.0	15.5	40.9	00:23:04	
1331.0	84.2	15.5	39.1	00:23:06	
1332.0	87.1	15.5	37.1	00:23:07	
1333.0	82.1	15.5	41.3	00:23:09	
1334.0	86.2	15.5	38.1	00:23:10	
1335.0	86.0	15.5	38.4	00:23:12	
1336.0	86.6	15.5	38.2	00:23:14	
1337.0	90.6	15.5	35.1	00:23:15	
1338.0	86.7	15.5	37.7	00:23:17	
1339.0	91.1	15.5	34.2	00:23:19	
1340.0	88.6	15.6	35.9	00:23:20	
1341.0	85.4	15.5	38.2	00:23:22	
1342.0	85.7	15.5	38.4	00:23:23	
1343.0	79.9	15.5	43.1	00:23:25	
1344.0	88.3	15.5	35.8	00:23:26	
1345.0	83.7	15.5	39.6	00:23:28	
1346.0	82.4	15.5	40.7	00:23:29	
1347.0	87.0	15.5	33.8	00:23:31	
1348.0	80.1	15.6	35.2	00:23:33	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1349.0	77.6	15.6	36.0	00:23:35	
1350.0	76.0	15.6	37.4	00:23:36	
1351.0	76.8	15.6	36.1	00:23:38	
1352.0	80.2	15.6	33.4	00:23:40	
1353.0	79.4	15.6	34.0	00:23:41	
1354.0	75.6	15.6	36.9	00:23:43	
1355.0	75.6	15.6	37.0	00:23:45	
1356.0	78.7	15.6	35.3	00:23:46	
1357.0	76.7	15.6	37.1	00:23:48	
1358.0	78.8	15.6	35.4	00:23:50	
1359.0	78.0	15.6	36.0	00:23:51	
1360.0	78.2	15.6	35.6	00:23:53	
1361.0	78.6	15.6	35.9	00:23:55	
1362.0	78.2	15.6	35.8	00:23:56	
1363.0	77.5	15.6	36.7	00:23:58	
1364.0	75.9	15.6	37.7	00:24:00	
1365.0	77.4	15.6	36.6	00:24:01	
1366.0	77.0	15.6	37.0	00:24:03	
1367.0	79.7	15.6	34.9	00:24:05	
1368.0	77.7	15.6	36.3	00:24:06	
1369.0	80.5	15.6	34.1	00:24:08	
1370.0	77.2	15.6	36.8	00:24:10	
1371.0	80.7	15.6	33.8	00:24:11	
1372.0	79.4	15.6	34.5	00:24:13	
1373.0	75.9	15.6	37.2	00:24:15	
1374.0	74.1	15.6	39.1	00:24:16	
1375.0	74.8	15.6	38.7	00:24:18	
1376.0	79.7	15.6	34.9	00:24:20	
1377.0	76.3	15.6	37.3	00:24:21	
1378.0	80.4	15.6	34.2	00:24:23	
1379.0	80.5	15.6	34.4	00:24:25	
1380.0	79.1	15.6	35.0	00:24:27	
1381.0	78.9	15.6	35.4	00:24:28	
1382.0	78.1	15.6	35.6	00:24:30	
1383.0	78.6	15.6	35.8	00:24:32	
1384.0	75.1	15.6	38.4	00:24:33	
1385.0	79.8	15.6	34.2	00:24:35	
1386.0	80.0	15.6	34.3	00:24:37	
1387.0	74.8	15.6	38.3	00:24:38	
1388.0	73.3	15.6	39.8	00:24:40	
1389.0	73.8	15.5	39.6	00:24:41	
1390.0	75.2	15.6	38.4	00:24:43	
1391.0	77.9	15.6	36.1	00:24:44	
1392.0	75.1	15.6	38.7	00:24:46	
1393.0	81.0	15.6	33.5	00:24:48	
1394.0	76.3	15.6	37.7	00:24:49	
1395.0	81.5	15.6	32.5	00:24:51	
1396.0	77.4	15.6	35.8	00:24:53	
1397.0	79.4	15.6	34.4	00:24:55	
1398.0	81.7	15.6	32.9	00:24:56	
1399.0	79.0	15.6	34.7	00:24:58	
1400.0	79.7	15.6	34.3	00:25:00	
1401.0	78.2	15.6	35.6	00:25:02	
1402.0	78.3	15.6	35.1	00:25:03	
1403.0	79.1	15.6	34.6	00:25:05	
1404.0	77.2	15.6	36.4	00:25:07	
1405.0	80.2	15.6	33.9	00:25:08	
1406.0	79.1	15.6	35.0	00:25:10	
1407.0	81.3	15.6	33.1	00:25:12	
1408.0	75.4	15.6	37.7	00:25:14	
1409.0	81.1	15.6	32.9	00:25:16	
1410.0	79.1	15.6	34.8	00:25:17	
1411.0	77.4	15.6	36.0	00:25:19	
1412.0	75.7	15.6	37.6	00:25:21	
1413.0	76.4	15.6	37.2	00:25:22	
1414.0	79.8	15.6	34.2	00:25:24	
1415.0	76.3	15.6	37.0	00:25:26	
1416.0	74.4	15.6	39.0	00:25:27	
1417.0	80.8	15.6	33.3	00:25:29	
1418.0	78.0	15.6	35.7	00:25:31	
1419.0	74.5	15.6	38.4	00:25:32	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1420.0	72.7	15.6	40.1	00:25:34	
1421.0	73.4	15.6	39.6	00:25:35	
1422.0	73.8	15.6	39.4	00:25:37	
1423.0	74.1	15.6	39.2	00:25:38	
1424.0	72.2	15.6	40.7	00:25:40	
1425.0	82.7	15.6	31.0	00:25:42	
1426.0	78.8	15.6	34.7	00:25:43	
1427.0	78.4	15.6	35.0	00:25:45	
1428.0	78.3	15.6	35.5	00:25:47	
1429.0	76.2	15.6	37.4	00:25:48	
1430.0	80.0	15.6	33.7	00:25:50	
1431.0	80.5	15.6	33.3	00:25:52	
1432.0	78.2	15.6	35.2	00:25:54	
1433.0	81.9	15.6	32.4	00:25:55	
1434.0	77.5	15.6	35.8	00:25:57	
1435.0	75.1	15.6	37.8	00:25:59	
1436.0	76.2	15.6	37.3	00:26:00	
1437.0	76.0	15.6	37.0	00:26:02	
1438.0	72.5	15.6	38.5	00:26:03	
1439.0	72.7	15.6	38.1	00:26:05	
1440.0	74.2	15.6	36.7	00:26:07	
1441.0	75.2	15.6	35.9	00:26:08	
1442.0	79.7	15.6	31.4	00:26:10	
1443.0	84.1	15.6	27.6	00:26:13	
1444.0	77.6	15.6	32.8	00:26:14	
1445.0	78.7	15.6	32.2	00:26:16	
1446.0	73.0	15.6	36.6	00:26:18	
1447.0	81.2	15.6	30.2	00:26:20	
1448.0	76.0	15.6	34.3	00:26:22	
1449.0	74.1	15.6	35.8	00:26:23	
1450.0	75.8	15.6	34.7	00:26:25	
1451.0	75.5	15.6	35.2	00:26:27	
1452.0	78.9	15.6	32.6	00:26:29	
1453.0	75.6	15.6	34.9	00:26:30	
1454.0	77.7	15.6	31.4	00:26:32	
1455.0	74.5	15.6	33.5	00:26:34	
1456.0	74.8	15.6	31.1	00:26:36	
1457.0	71.4	15.6	31.7	00:26:38	
1458.0	70.8	15.6	32.0	00:26:40	
1459.0	68.8	15.6	33.3	00:26:41	
1460.0	70.6	15.6	32.1	00:26:43	
1461.0	69.7	15.6	32.9	00:26:45	
1462.0	70.6	15.6	32.7	00:26:47	
1463.0	70.5	15.6	33.6	00:26:49	
1464.0	70.6	15.6	33.7	00:26:51	
1465.0	69.8	15.6	34.6	00:26:52	
1466.0	69.7	15.6	34.8	00:26:54	
1467.0	69.6	15.6	34.8	00:26:56	
1468.0	71.4	15.6	33.8	00:26:57	
1469.0	71.4	15.6	33.5	00:26:59	
1470.0	75.1	15.6	30.7	00:27:01	
1471.0	74.5	15.6	31.9	00:27:03	
1472.0	79.0	15.6	30.3	00:27:05	
1473.0	76.8	15.6	31.7	00:27:07	
1474.0	82.4	15.6	33.4	00:27:09	
1475.0	81.6	15.6	35.0	00:27:11	
1476.0	87.8	15.6	30.2	00:27:13	
1477.0	82.0	15.6	34.8	00:27:14	
1478.0	83.5	15.6	33.7	00:27:16	
1479.0	87.8	15.6	30.2	00:27:18	
1480.0	84.1	15.6	33.2	00:27:20	
1481.0	84.6	15.6	32.9	00:27:22	
1482.0	84.9	15.6	33.1	00:27:24	
1483.0	76.8	15.6	39.4	00:27:25	
1484.0	89.5	15.6	28.3	00:27:27	
1485.0	81.6	15.6	34.9	00:27:29	
1486.0	81.8	15.6	35.1	00:27:31	
1487.0	85.1	15.6	32.8	00:27:32	
1488.0	81.4	15.6	35.7	00:27:34	
1489.0	84.1	15.6	33.0	00:27:36	
1490.0	86.3	15.6	29.4	00:27:38	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1491.0	79.2	15.6	34.1	00:27:40	
1492.0	79.5	15.6	33.8	00:27:42	
1493.0	79.5	15.6	34.3	00:27:43	
1494.0	78.5	15.6	34.8	00:27:45	
1495.0	83.4	15.6	31.1	00:27:47	
1496.0	78.4	15.6	34.9	00:27:49	
1497.0	77.1	15.6	35.8	00:27:50	
1498.0	88.8	15.6	25.5	00:27:53	
1499.0	80.0	15.6	32.2	00:27:55	
1500.0	80.6	15.6	31.8	00:27:57	
1501.0	82.7	15.6	30.2	00:27:59	
1502.0	76.8	15.6	34.6	00:28:00	
1503.0	83.3	15.6	29.7	00:28:02	
1504.0	76.6	15.6	35.0	00:28:04	
1505.0	81.0	15.6	31.2	00:28:06	
1506.0	83.6	15.6	29.4	00:28:08	
1507.0	75.0	15.6	36.3	00:28:10	
1508.0	80.6	15.6	31.8	00:28:12	
1509.0	81.5	15.6	31.4	00:28:13	
1510.0	71.0	15.6	39.9	00:28:15	
1511.0	68.1	15.6	42.8	00:28:16	
1512.0	67.1	15.5	44.0	00:28:18	
1513.0	67.8	15.5	43.7	00:28:19	
1514.0	67.3	15.5	43.9	00:28:20	
1515.0	67.9	15.5	43.5	00:28:22	
1516.0	67.7	15.5	43.7	00:28:23	
1517.0	67.5	15.5	43.9	00:28:25	
1518.0	67.6	15.5	43.8	00:28:26	
1519.0	68.1	15.5	43.5	00:28:27	
1520.0	68.1	15.5	43.5	00:28:29	
1521.0	67.8	15.5	43.6	00:28:30	
1522.0	67.7	15.5	43.8	00:28:31	
1523.0	67.6	15.5	43.9	00:28:33	
1524.0	67.6	15.5	44.0	00:28:34	
1525.0	67.3	15.5	44.1	00:28:36	
1526.0	67.1	15.5	44.3	00:28:37	
1527.0	67.4	15.5	44.1	00:28:38	
1528.0	67.0	15.5	44.4	00:28:40	
1529.0	67.2	15.5	44.3	00:28:41	
1530.0	67.3	15.5	44.2	00:28:42	
1531.0	66.7	15.5	44.6	00:28:44	
1532.0	67.6	15.5	44.1	00:28:45	
1533.0	67.5	15.5	44.0	00:28:46	
1534.0	69.6	15.5	42.5	00:28:48	
1535.0	68.5	15.5	43.1	00:28:49	
1536.0	67.9	15.5	43.7	00:28:51	
1537.0	66.3	15.5	44.9	00:28:52	
1538.0	67.6	15.5	44.0	00:28:53	
1539.0	67.8	15.5	43.9	00:28:55	
1540.0	68.4	15.5	43.4	00:28:56	
1541.0	68.0	15.5	43.6	00:28:57	
1542.0	67.8	15.5	43.6	00:28:59	
1543.0	68.5	15.5	43.0	00:29:00	
1544.0	68.2	15.5	43.4	00:29:02	
1545.0	68.1	15.5	43.4	00:29:03	
1546.0	68.2	15.5	43.4	00:29:04	
1547.0	68.3	15.5	43.2	00:29:06	
1548.0	68.5	15.5	43.1	00:29:07	
1549.0	68.7	15.5	43.0	00:29:09	
1550.0	68.7	15.5	43.0	00:29:10	
1551.0	68.6	15.5	43.0	00:29:11	
1552.0	69.0	15.5	42.8	00:29:13	
1553.0	72.1	15.5	39.9	00:29:14	
1554.0	79.8	15.6	33.9	00:29:16	
1555.0	86.4	15.6	28.3	00:29:18	
1556.0	74.2	15.6	37.4	00:29:20	
1557.0	70.0	15.6	41.2	00:29:21	
1558.0	68.8	15.6	42.3	00:29:23	
1559.0	68.8	15.6	42.4	00:29:24	
1560.0	68.9	15.5	42.4	00:29:25	
1561.0	71.4	15.6	40.7	00:29:27	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1562.0	72.2	15.6	39.9	00:29:28	
1563.0	89.3	15.6	24.4	00:29:31	
1564.0	79.5	15.6	32.1	00:29:33	
1565.0	72.2	15.6	38.7	00:29:34	
1566.0	74.2	15.6	37.6	00:29:36	
1567.0	82.3	15.6	30.8	00:29:38	
1568.0	82.4	15.6	30.7	00:29:40	
1569.0	74.7	15.6	36.8	00:29:41	
1570.0	71.3	15.6	39.7	00:29:43	
1571.0	71.1	15.6	40.5	00:29:45	
1572.0	88.2	15.6	25.1	00:29:47	
1573.0	81.5	15.6	30.2	00:29:49	
1574.0	72.6	15.6	38.2	00:29:51	
1575.0	69.1	15.6	41.6	00:29:52	
1576.0	71.5	15.6	40.0	00:29:53	
1577.0	79.1	15.6	33.2	00:29:55	
1578.0	87.2	15.6	25.9	00:29:58	
1579.0	81.6	15.6	30.0	00:30:00	
1580.0	87.6	15.6	25.0	00:30:02	
1581.0	93.0	15.6	21.0	00:30:05	
1582.0	87.6	15.6	24.9	00:30:07	
1583.0	84.9	15.6	27.1	00:30:10	
1584.0	78.5	15.6	32.4	00:30:11	
1585.0	82.3	15.6	29.9	00:30:13	
1586.0	95.8	15.6	25.8	00:30:16	
1587.0	89.6	15.6	36.4	00:30:17	
1588.0	85.5	15.5	40.5	00:30:19	
1589.0	83.0	15.5	42.9	00:30:20	
1590.0	81.4	15.5	44.7	00:30:22	
1591.0	80.8	15.5	45.2	00:30:23	
1592.0	79.5	15.5	45.3	00:30:24	
1593.0	78.1	15.5	44.8	00:30:26	
1594.0	77.8	15.5	45.1	00:30:27	
1595.0	79.3	15.5	43.9	00:30:28	
1596.0	78.1	15.5	44.9	00:30:30	
1597.0	80.4	15.5	43.0	00:30:31	
1598.0	77.7	15.5	45.0	00:30:32	
1599.0	81.3	15.5	42.5	00:30:34	
1600.0	78.7	15.5	44.2	00:30:35	
1601.0	80.6	15.5	43.0	00:30:37	
1602.0	78.8	15.5	44.1	00:30:38	
1603.0	79.9	15.5	43.5	00:30:39	
1604.0	79.0	15.5	44.1	00:30:41	
1605.0	79.3	15.5	43.9	00:30:42	
1606.0	79.5	15.5	43.6	00:30:43	
1607.0	79.8	15.5	43.5	00:30:45	
1608.0	78.9	15.5	44.1	00:30:46	
1609.0	80.4	15.5	43.1	00:30:48	
1610.0	78.4	15.5	44.4	00:30:49	
1611.0	80.1	15.5	43.4	00:30:50	
1612.0	78.7	15.5	44.1	00:30:52	
1613.0	80.2	15.5	43.4	00:30:53	
1614.0	79.3	15.5	43.6	00:30:54	
1615.0	79.8	15.5	43.5	00:30:56	
1616.0	80.6	15.5	42.8	00:30:57	
1617.0	79.0	15.5	43.9	00:30:59	
1618.0	81.0	15.5	42.6	00:31:00	
1619.0	78.8	15.5	44.1	00:31:01	
1620.0	81.1	15.5	42.5	00:31:03	
1621.0	78.9	15.5	44.1	00:31:04	
1622.0	81.4	15.5	42.2	00:31:05	
1623.0	79.5	15.5	43.4	00:31:07	
1624.0	80.9	15.5	42.7	00:31:08	
1625.0	79.6	15.5	43.4	00:31:10	
1626.0	80.6	15.5	42.9	00:31:11	
1627.0	79.8	15.5	43.4	00:31:12	
1628.0	80.3	15.5	43.0	00:31:14	
1629.0	78.4	15.5	44.3	00:31:15	
1630.0	80.3	15.5	43.0	00:31:17	
1631.0	78.1	15.5	44.7	00:31:18	
1632.0	80.3	15.5	43.1	00:31:19	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1633.0	78.2	15.5	44.3	00:31:21	
1634.0	80.6	15.5	43.0	00:31:22	
1635.0	78.8	15.5	43.9	00:31:23	
1636.0	80.7	15.5	43.0	00:31:25	
1637.0	79.6	15.5	43.2	00:31:26	
1638.0	80.7	15.5	43.0	00:31:28	
1639.0	81.0	15.5	42.4	00:31:29	
1640.0	79.7	15.5	43.5	00:31:30	
1641.0	81.3	15.5	42.2	00:31:32	
1642.0	79.4	15.5	43.7	00:31:33	
1643.0	81.4	15.5	42.2	00:31:35	
1644.0	79.3	15.5	43.7	00:31:36	
1645.0	81.1	15.5	42.4	00:31:37	
1646.0	80.5	15.5	42.8	00:31:39	
1647.0	80.9	15.5	42.7	00:31:40	
1648.0	79.9	15.5	43.3	00:31:42	
1649.0	81.1	15.5	42.4	00:31:43	
1650.0	79.5	15.5	43.9	00:31:44	
1651.0	81.9	15.5	42.5	00:31:46	
1652.0	79.9	15.5	44.0	00:31:47	
1653.0	82.6	15.5	42.3	00:31:49	
1654.0	80.9	15.5	44.1	00:31:50	
1655.0	84.7	15.5	41.9	00:31:51	
1656.0	82.6	15.5	43.9	00:31:53	
1657.0	85.9	15.5	41.7	00:31:54	
1658.0	83.1	15.5	43.4	00:31:56	
1659.0	85.8	15.5	42.0	00:31:57	
1660.0	84.5	15.5	42.5	00:31:58	
1661.0	86.2	15.5	42.7	00:32:00	
1662.0	87.8	15.5	42.3	00:32:01	
1663.0	87.4	15.5	42.8	00:32:03	
1664.0	88.8	15.5	42.4	00:32:04	
1665.0	89.8	15.5	43.6	00:32:05	
1666.0	92.8	15.5	42.9	00:32:07	
1667.0	92.1	15.5	43.9	00:32:08	
1668.0	93.3	15.5	43.3	00:32:10	
1669.0	92.4	15.5	44.1	00:32:11	
1670.0	93.3	15.5	43.4	00:32:12	
1671.0	92.3	15.5	44.3	00:32:14	
1672.0	93.6	15.5	43.4	00:32:15	
1673.0	92.8	15.5	44.1	00:32:16	
1674.0	94.2	15.5	43.0	00:32:18	
1675.0	90.0	15.5	44.0	00:32:19	
1676.0	92.1	15.5	42.0	00:32:21	
1677.0	87.5	15.5	44.1	00:32:22	
1678.0	90.4	15.5	41.5	00:32:23	
1679.0	87.5	15.5	43.3	00:32:25	
1680.0	90.6	15.5	41.4	00:32:26	
1681.0	88.9	15.5	42.3	00:32:28	
1682.0	90.9	15.5	41.1	00:32:29	
1683.0	89.2	15.5	41.9	00:32:31	
1684.0	90.7	15.5	41.2	00:32:32	
1685.0	89.9	15.5	41.5	00:32:33	
1686.0	90.3	15.5	41.5	00:32:35	
1687.0	90.1	15.5	41.2	00:32:36	
1688.0	89.6	15.5	41.6	00:32:38	
1689.0	90.2	15.5	41.4	00:32:39	
1690.0	93.4	15.5	41.8	00:32:41	
1691.0	92.8	15.5	42.0	00:32:42	
1692.0	94.4	15.5	41.2	00:32:44	
1693.0	93.4	15.5	41.4	00:32:45	
1694.0	93.6	15.5	41.8	00:32:46	
1695.0	94.7	15.5	40.7	00:32:48	
1696.0	92.8	15.5	42.2	00:32:49	
1697.0	95.7	15.5	40.2	00:32:51	
1698.0	93.1	15.5	41.9	00:32:52	
1699.0	104.1	15.5	41.0	00:32:54	
1700.0	107.8	15.5	43.0	00:32:55	
1701.0	112.3	15.5	40.2	00:32:57	
1702.0	108.8	15.5	42.3	00:32:58	
1703.0	107.9	15.5	40.3	00:33:00	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1704.0	99.3	15.5	40.6	00:33:01	
1705.0	96.8	15.5	40.6	00:33:02	
1706.0	95.1	15.5	40.3	00:33:04	
1707.0	94.9	15.5	40.2	00:33:05	
1708.0	95.5	15.5	40.5	00:33:07	
1709.0	98.6	15.5	39.9	00:33:08	
1710.0	98.4	15.5	40.5	00:33:10	
1711.0	101.2	15.5	39.4	00:33:12	
1712.0	99.5	15.5	40.4	00:33:13	
1713.0	101.3	15.5	39.4	00:33:15	
1714.0	100.0	15.5	40.1	00:33:16	
1715.0	101.1	15.5	39.6	00:33:18	
1716.0	100.4	15.5	39.7	00:33:19	
1717.0	101.0	15.5	39.5	00:33:21	
1718.0	101.9	15.5	38.7	00:33:22	
1719.0	99.6	15.5	40.2	00:33:24	
1720.0	102.6	15.5	38.2	00:33:25	
1721.0	99.5	15.5	40.3	00:33:27	
1722.0	106.7	15.5	38.9	00:33:28	
1723.0	110.3	15.5	40.4	00:33:30	
1724.0	113.9	15.5	38.3	00:33:31	
1725.0	111.0	15.5	39.9	00:33:33	
1726.0	113.2	15.5	38.7	00:33:34	
1727.0	112.0	15.5	39.4	00:33:36	
1728.0	112.8	15.5	39.0	00:33:37	
1729.0	111.9	15.5	39.5	00:33:39	
1730.0	113.2	15.5	38.7	00:33:40	
1731.0	111.5	15.5	39.5	00:33:42	
1732.0	113.9	15.5	38.2	00:33:44	
1733.0	111.7	15.5	39.4	00:33:45	
1734.0	114.5	15.5	37.9	00:33:47	
1735.0	112.1	15.5	39.1	00:33:48	
1736.0	114.6	15.5	37.9	00:33:50	
1737.0	112.7	15.5	38.8	00:33:51	
1738.0	114.3	15.5	37.9	00:33:53	
1739.0	114.3	15.5	37.7	00:33:54	
1740.0	114.1	15.5	38.1	00:33:56	
1741.0	115.5	15.5	37.1	00:33:58	
1742.0	113.0	15.5	38.6	00:33:59	
1743.0	116.2	15.5	36.6	00:34:01	
1744.0	113.4	15.5	38.3	00:34:02	
1745.0	116.5	15.5	36.5	00:34:04	
1746.0	114.8	15.5	37.4	00:34:06	
1747.0	116.0	15.5	36.7	00:34:07	
1748.0	115.4	15.5	37.0	00:34:09	
1749.0	116.4	15.5	36.5	00:34:11	
1750.0	115.0	15.5	37.2	00:34:12	
1751.0	117.0	15.5	36.1	00:34:14	
1752.0	115.3	15.5	37.1	00:34:15	
1753.0	131.1	15.5	37.2	00:34:17	
1754.0	132.1	15.5	37.1	00:34:19	
1755.0	131.2	15.5	35.5	00:34:20	
1756.0	120.3	15.5	36.3	00:34:22	
1757.0	119.9	15.5	35.6	00:34:24	
1758.0	119.6	15.5	35.6	00:34:25	
1759.0	119.3	15.5	35.8	00:34:27	
1760.0	121.1	15.5	34.6	00:34:29	
1761.0	118.0	15.5	36.5	00:34:30	
1762.0	122.0	15.5	34.1	00:34:32	
1763.0	118.9	15.5	35.9	00:34:34	
1764.0	120.6	15.5	33.8	00:34:36	
1765.0	117.1	15.5	35.2	00:34:37	
1766.0	119.6	15.5	34.3	00:34:39	
1767.0	119.7	15.5	34.4	00:34:41	
1768.0	119.7	15.5	34.4	00:34:43	
1769.0	119.5	15.5	34.4	00:34:44	
1770.0	120.3	15.5	34.2	00:34:46	
1771.0	119.0	15.5	34.8	00:34:48	
1772.0	120.6	15.5	33.9	00:34:50	
1773.0	119.2	15.5	34.7	00:34:51	
1774.0	120.5	15.5	33.8	00:34:53	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1775.0	119.7	15.5	34.2	00:34:55	
1776.0	120.1	15.5	34.0	00:34:57	
1777.0	121.6	15.5	33.1	00:34:59	
1778.0	118.2	15.5	35.0	00:35:00	
1779.0	122.2	15.5	32.6	00:35:02	
1780.0	118.5	15.5	34.9	00:35:04	
1781.0	122.1	15.5	32.7	00:35:06	
1782.0	119.3	15.5	34.3	00:35:07	
1783.0	121.7	15.5	32.9	00:35:09	
1784.0	120.2	15.5	33.7	00:35:11	
1785.0	121.5	15.5	32.9	00:35:13	
1786.0	121.6	15.5	32.8	00:35:15	
1787.0	120.9	15.5	33.2	00:35:16	
1788.0	122.3	15.5	32.4	00:35:18	
1789.0	121.5	15.5	32.9	00:35:20	
1790.0	122.1	15.5	32.5	00:35:22	
1791.0	121.6	15.5	32.9	00:35:24	
1792.0	122.5	15.5	32.1	00:35:26	
1793.0	121.6	15.5	32.8	00:35:27	
1794.0	123.6	15.5	31.4	00:35:29	
1795.0	121.3	15.5	33.0	00:35:31	
1796.0	129.2	15.5	31.4	00:35:33	
1797.0	128.8	15.5	33.3	00:35:35	
1798.0	133.0	15.5	30.8	00:35:37	
1799.0	129.4	15.5	32.9	00:35:39	
1800.0	132.6	15.5	31.0	00:35:41	
1801.0	130.7	15.5	32.2	00:35:43	
1802.0	132.2	15.5	31.1	00:35:44	
1803.0	131.3	15.5	31.7	00:35:46	
1804.0	132.0	15.5	31.3	00:35:48	
1805.0	133.3	15.5	30.5	00:35:50	
1806.0	131.2	15.5	31.6	00:35:52	
1807.0	133.0	15.5	30.7	00:35:54	
1808.0	132.2	15.5	31.1	00:35:56	
1809.0	133.1	15.5	30.6	00:35:58	
1810.0	132.5	15.5	30.9	00:36:00	
1811.0	133.8	15.5	30.2	00:36:02	
1812.0	132.3	15.5	31.0	00:36:04	
1813.0	134.2	15.5	29.9	00:36:06	
1814.0	131.8	15.5	31.2	00:36:08	
1815.0	134.6	15.5	29.6	00:36:10	
1816.0	131.7	15.5	31.2	00:36:12	
1817.0	134.6	15.5	29.5	00:36:14	
1818.0	132.0	15.5	31.1	00:36:16	
1819.0	134.1	15.5	29.8	00:36:18	
1820.0	132.4	15.5	30.8	00:36:20	
1821.0	133.8	15.5	29.9	00:36:22	
1822.0	133.3	15.5	30.2	00:36:24	
1823.0	133.8	15.5	29.7	00:36:26	
1824.0	135.0	15.5	29.0	00:36:28	
1825.0	132.8	15.5	30.3	00:36:30	
1826.0	134.9	15.5	29.1	00:36:32	
1827.0	133.7	15.5	29.7	00:36:34	
1828.0	134.8	15.5	29.1	00:36:36	
1829.0	134.2	15.5	29.5	00:36:38	
1830.0	134.9	15.5	29.0	00:36:40	
1831.0	134.2	15.5	29.5	00:36:42	
1832.0	135.3	15.5	28.7	00:36:44	
1833.0	134.1	15.5	29.4	00:36:46	
1834.0	136.3	15.5	28.2	00:36:48	
1835.0	134.5	15.5	29.2	00:36:50	
1836.0	136.1	15.5	28.2	00:36:52	
1837.0	134.4	15.5	29.2	00:36:54	
1838.0	136.0	15.5	28.1	00:36:57	
1839.0	135.3	15.5	28.8	00:36:59	
1840.0	135.9	15.5	28.1	00:37:01	
1841.0	136.8	15.5	27.6	00:37:03	
1842.0	134.9	15.5	28.8	00:37:05	
1843.0	138.0	15.5	26.8	00:37:07	
1844.0	134.3	15.5	28.9	00:37:09	
1845.0	137.5	15.5	27.2	00:37:12	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1846.0	136.5	15.5	27.6	00:37:14	
1847.0	136.9	15.5	27.5	00:37:16	
1848.0	136.5	15.5	27.7	00:37:18	
1849.0	137.1	15.5	27.4	00:37:20	
1850.0	136.5	15.5	27.7	00:37:23	
1851.0	137.6	15.5	27.1	00:37:25	
1852.0	136.6	15.5	27.6	00:37:27	
1853.0	137.7	15.5	27.0	00:37:29	
1854.0	137.3	15.5	27.3	00:37:31	
1855.0	138.1	15.5	26.7	00:37:34	
1856.0	137.2	15.5	27.2	00:37:36	
1857.0	137.8	15.5	26.8	00:37:38	
1858.0	138.5	15.5	26.4	00:37:40	
1859.0	137.3	15.6	27.0	00:37:43	
1860.0	148.0	15.5	26.6	00:37:45	
1861.0	155.7	15.5	27.9	00:37:47	
1862.0	159.1	15.5	26.1	00:37:49	
1863.0	157.0	15.5	27.3	00:37:51	
1864.0	158.7	15.5	26.3	00:37:54	
1865.0	158.8	15.5	26.3	00:37:56	
1866.0	157.8	15.5	26.2	00:37:58	
1867.0	157.8	15.5	26.0	00:38:01	
1868.0	158.0	15.5	25.9	00:38:03	
1869.0	158.2	15.5	25.7	00:38:05	
1870.0	158.0	15.5	25.7	00:38:08	
1871.0	157.7	15.5	26.0	00:38:10	
1872.0	158.6	15.5	25.5	00:38:12	
1873.0	158.2	15.5	25.6	00:38:15	
1874.0	158.5	15.5	25.4	00:38:17	
1875.0	159.1	15.5	25.2	00:38:19	
1876.0	158.4	15.5	25.4	00:38:22	
1877.0	159.6	15.5	24.8	00:38:24	
1878.0	157.3	15.5	26.1	00:38:26	
1879.0	159.5	15.5	24.7	00:38:29	
1880.0	157.3	15.5	25.8	00:38:31	
1881.0	159.4	15.5	24.7	00:38:34	
1882.0	158.6	15.5	25.2	00:38:36	
1883.0	159.3	15.5	24.7	00:38:39	
1884.0	159.1	15.5	24.8	00:38:41	
1885.0	159.4	15.5	24.6	00:38:43	
1886.0	159.6	15.5	24.5	00:38:46	
1887.0	159.4	15.5	24.6	00:38:48	
1888.0	159.9	15.5	24.4	00:38:51	
1889.0	159.5	15.5	24.5	00:38:53	
1890.0	159.5	15.5	24.5	00:38:56	
1891.0	159.9	15.5	24.2	00:38:58	
1892.0	159.9	15.5	24.2	00:39:01	
1893.0	160.2	15.5	24.1	00:39:03	
1894.0	161.0	15.5	23.8	00:39:06	
1895.0	160.5	15.5	23.9	00:39:08	
1896.0	162.0	15.5	23.0	00:39:11	
1897.0	159.9	15.5	24.1	00:39:13	
1898.0	161.6	15.5	23.2	00:39:16	
1899.0	159.8	15.5	24.1	00:39:18	
1900.0	161.2	15.5	23.3	00:39:21	
1901.0	160.3	15.5	23.8	00:39:23	
1902.0	161.2	15.5	23.2	00:39:26	
1903.0	161.3	15.5	23.2	00:39:28	
1904.0	160.5	15.5	23.5	00:39:31	
1905.0	161.5	15.5	23.1	00:39:34	
1906.0	161.0	15.5	23.2	00:39:36	
1907.0	162.1	15.5	22.8	00:39:39	
1908.0	161.2	15.5	23.2	00:39:42	
1909.0	162.3	15.5	22.7	00:39:44	
1910.0	162.4	15.5	22.6	00:39:47	
1911.0	163.1	15.5	22.4	00:39:49	
1912.0	162.0	15.5	22.8	00:39:52	
1913.0	163.1	15.5	22.1	00:39:55	
1914.0	161.7	15.5	22.9	00:39:57	
1915.0	163.1	15.5	22.1	00:40:00	
1916.0	162.2	15.5	22.7	00:40:03	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1917.0	163.1	15.6	22.2	00:40:05	
1918.0	162.4	15.5	22.4	00:40:08	
1919.0	162.3	15.5	22.5	00:40:11	
1920.0	164.0	15.5	21.6	00:40:14	
1921.0	162.2	15.6	22.6	00:40:16	
1922.0	163.6	15.5	21.7	00:40:19	
1923.0	162.5	15.5	22.3	00:40:22	
1924.0	163.5	15.5	21.7	00:40:25	
1925.0	178.3	15.5	22.6	00:40:27	
1926.0	183.2	15.5	21.9	00:40:30	
1927.0	183.1	15.5	22.0	00:40:33	
1928.0	182.9	15.5	22.0	00:40:35	
1929.0	183.0	15.5	21.8	00:40:38	
1930.0	182.0	15.5	21.8	00:40:41	
1931.0	181.9	15.5	21.8	00:40:44	
1932.0	182.3	15.5	21.5	00:40:46	
1933.0	182.1	15.5	21.6	00:40:49	
1934.0	181.8	15.5	21.6	00:40:52	
1935.0	179.7	15.5	20.8	00:40:55	
1936.0	174.4	15.5	21.7	00:40:58	
1937.0	175.2	15.5	20.8	00:41:00	
1938.0	173.4	15.5	21.5	00:41:03	
1939.0	174.8	15.5	20.8	00:41:06	
1940.0	174.3	15.5	21.0	00:41:09	
1941.0	174.2	15.5	21.0	00:41:12	
1942.0	174.8	15.5	20.7	00:41:15	
1943.0	174.1	15.5	21.0	00:41:18	
1944.0	174.6	15.5	20.7	00:41:21	
1945.0	175.1	15.5	20.7	00:41:23	
1946.0	178.6	15.5	20.7	00:41:26	
1947.0	180.5	15.5	20.8	00:41:29	
1948.0	181.2	15.5	20.7	00:41:32	
1949.0	180.8	15.5	20.8	00:41:35	
1950.0	181.8	15.5	20.4	00:41:38	
1951.0	181.0	15.5	20.7	00:41:41	
1952.0	182.0	15.5	20.2	00:41:44	
1953.0	181.1	15.5	20.7	00:41:47	
1954.0	182.0	15.5	20.2	00:41:50	
1955.0	182.0	15.5	20.3	00:41:53	
1956.0	182.2	15.5	20.1	00:41:56	
1957.0	181.8	15.5	20.3	00:41:59	
1958.0	182.4	15.5	19.9	00:42:02	
1959.0	183.2	15.5	19.7	00:42:05	
1960.0	181.6	15.5	20.4	00:42:08	
1961.0	182.5	15.5	20.0	00:42:11	
1962.0	182.9	15.5	19.8	00:42:14	
1963.0	182.6	15.5	19.9	00:42:17	
1964.0	182.8	15.5	19.8	00:42:20	
1965.0	183.1	15.5	19.7	00:42:23	
1966.0	183.6	15.5	19.6	00:42:26	
1967.0	183.6	15.5	19.6	00:42:29	
1968.0	183.9	15.5	19.4	00:42:32	
1969.0	184.0	15.5	19.3	00:42:35	
1970.0	183.9	15.5	19.4	00:42:38	
1971.0	183.8	15.5	19.3	00:42:41	
1972.0	184.0	15.5	19.2	00:42:44	
1973.0	184.3	15.5	19.2	00:42:48	
1974.0	184.3	15.5	19.1	00:42:51	
1975.0	184.1	15.5	19.1	00:42:54	
1976.0	184.6	15.5	18.9	00:42:57	
1977.0	184.4	15.5	19.0	00:43:00	
1978.0	184.7	15.5	18.9	00:43:03	
1979.0	184.7	15.5	18.9	00:43:07	
1980.0	184.7	15.5	18.8	00:43:10	
1981.0	185.1	15.5	18.7	00:43:13	
1982.0	185.2	15.5	18.6	00:43:16	
1983.0	185.2	15.5	18.6	00:43:19	
1984.0	185.4	15.5	18.5	00:43:23	
1985.0	185.6	15.5	18.5	00:43:26	
1986.0	185.5	15.5	18.6	00:43:29	
1987.0	185.8	15.5	18.4	00:43:32	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1988.0	185.6	15.5	18.5	00:43:36	
1989.0	185.9	15.5	18.3	00:43:39	
1990.0	185.5	15.6	18.4	00:43:42	
1991.0	186.4	15.6	17.9	00:43:46	
1992.0	185.2	15.5	18.2	00:43:49	
1993.0	185.8	15.5	17.8	00:43:52	
1994.0	185.2	15.5	18.2	00:43:56	
1995.0	186.2	15.5	17.6	00:43:59	
1996.0	185.6	15.5	18.0	00:44:02	
1997.0	186.0	15.5	17.8	00:44:06	
1998.0	186.0	15.5	17.8	00:44:09	
1999.0	185.6	15.6	17.9	00:44:12	
2000.0	186.7	15.6	17.5	00:44:16	
2001.0	185.3	15.6	18.1	00:44:19	
2002.0	185.5	15.6	17.6	00:44:23	
2003.0	120.8	15.6	12.5	00:44:27	
2003.1	13.9	15.8	5.5	00:44:31	Stop (14:17)