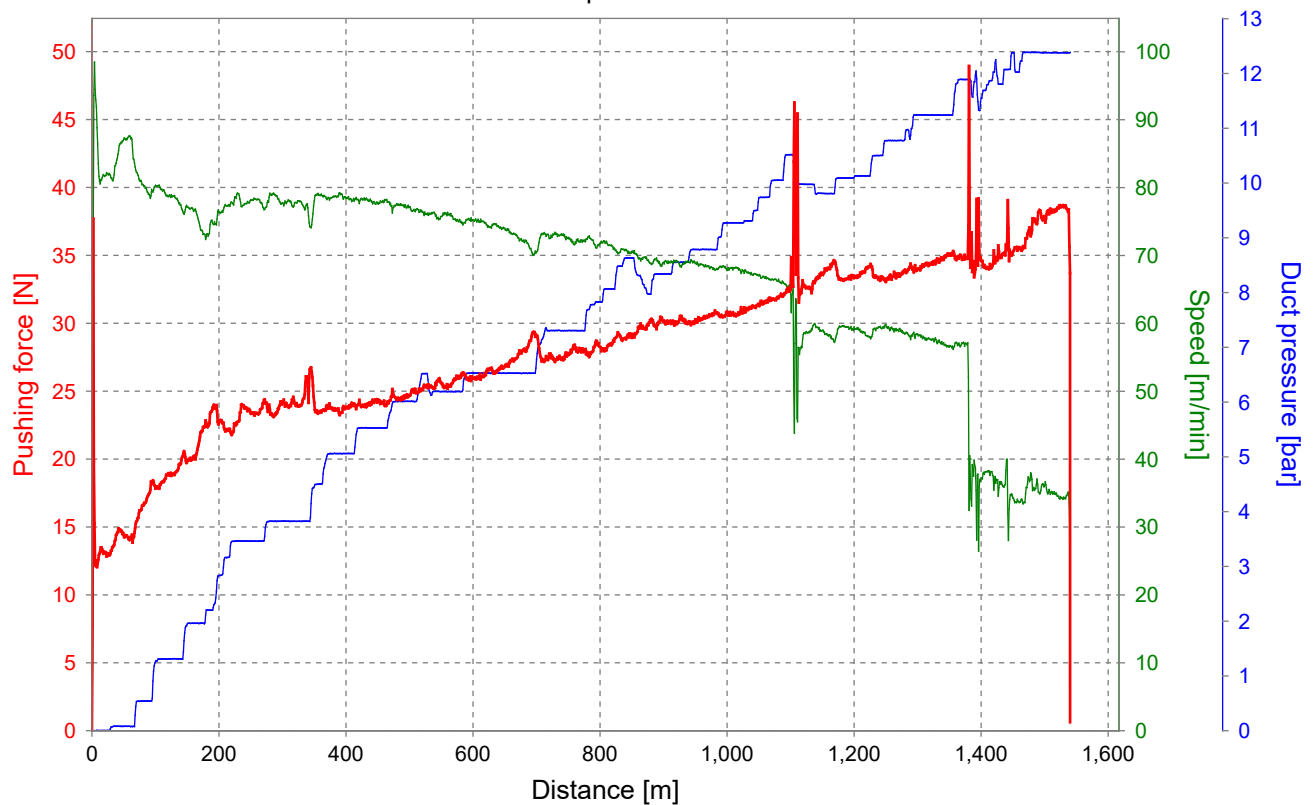


KCEP Kazcentrelectroprovod LLP 1 <A>, Makarenko st. KZ-M22D3A8 Saran, Karaganda region, Kasachstan		<h1>Jetting Report</h1>		KCEP
Project-#	KCEP Cable blowing test	Date: 10/29/19		
Trace Section	V7-06F_D3.6_10x2			
Company name	KCEP	Operator: A. Zoller		
Remarks	Blowing in process successful			
Duct specs		Cable specs		Devices
Manufacturer: Gabocom		Manufacturer: KCEP		Jetting machine: I-Microjet (SN#80040)
Duct type: 10x2,0 (10/6)		Designation: A-DQ(ZN)2Y-6-G.652.D-UCF-0,1-7205		+ Slipping clutch [] + Lubricator []
Duct assy: 3 x 1530 m in 50x4.6		Cable Ø: 3.6 mm	Fiber amount: 12	Lubricant: MicroJetting Lube
Color/marks: 2x Pink		Reel Nb.: 007		Compressor: MK 17
Inner design: Grooved		Metering: Start: 1999 m End: 459 m		+ Oil separator [X] + aftercooler [X]
Duct temperature: 7 °C		Cable temperature: 11 °C		Cable Tap type: [X]
Summary:	Max pushforce: 65 N (Measured by the crashtest)			
Trace distance: 1540.1 m	Weather: 13.0 °C, 64.6 % humidity.		Jetting temperature: 12.0 °C	
Jetting duration: 00:24:22	Operating mode: recording + supervision		GPS Location: 47.6320°; 8.5794°; 417 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 (11:17)
1540.1	0.6	12.4	1.6	00:24:22	Stop (11:42)

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 (11:17)
1.0	7.8	0.0	10.8	00:00:04	
2.0	37.7	0.0	72.0	00:00:05	
3.0	19.8	0.0	93.6	00:00:05	
4.0	15.2	0.0	98.5	00:00:06	
5.0	12.2	0.0	94.5	00:00:07	
6.0	12.1	0.0	92.9	00:00:07	
7.0	12.5	0.0	91.9	00:00:08	
8.0	12.1	0.0	88.8	00:00:09	
9.0	12.3	0.0	86.4	00:00:09	
10.0	12.6	0.0	83.6	00:00:10	
11.0	12.9	0.0	81.6	00:00:11	
12.0	13.0	0.0	81.0	00:00:12	
13.0	13.2	0.0	80.5	00:00:12	
14.0	13.5	0.0	81.2	00:00:13	
15.0	13.5	0.0	81.1	00:00:14	
16.0	13.4	0.0	81.4	00:00:15	
17.0	13.2	0.0	81.7	00:00:15	
18.0	13.0	0.0	81.9	00:00:16	
19.0	13.1	0.0	81.8	00:00:17	
20.0	13.2	0.0	81.7	00:00:18	
21.0	13.1	0.0	81.8	00:00:18	
22.0	13.1	0.0	81.8	00:00:19	
23.0	12.8	0.0	82.2	00:00:20	
24.0	12.9	0.0	82.1	00:00:20	
25.0	12.9	0.0	82.0	00:00:21	
26.0	13.0	0.0	81.9	00:00:22	
27.0	12.9	0.0	82.1	00:00:23	
28.0	12.9	0.0	81.9	00:00:23	
29.0	13.0	0.0	81.8	00:00:24	
30.0	13.2	0.1	81.4	00:00:25	
31.0	13.3	0.1	81.4	00:00:26	
32.0	13.5	0.1	81.2	00:00:26	
33.0	13.5	0.1	81.0	00:00:27	
34.0	13.6	0.1	81.4	00:00:28	
35.0	13.7	0.1	81.9	00:00:29	
36.0	14.0	0.1	83.2	00:00:29	
37.0	14.1	0.1	83.3	00:00:30	
38.0	14.4	0.1	83.6	00:00:31	
39.0	14.5	0.1	84.1	00:00:31	
40.0	14.6	0.1	84.3	00:00:32	
41.0	14.6	0.1	84.9	00:00:33	
42.0	14.9	0.1	85.5	00:00:34	
43.0	14.8	0.1	86.2	00:00:34	
44.0	14.8	0.1	86.4	00:00:35	
45.0	14.8	0.1	86.5	00:00:36	
46.0	14.7	0.1	86.7	00:00:36	
47.0	14.7	0.1	86.6	00:00:37	
48.0	14.5	0.1	86.9	00:00:38	
49.0	14.6	0.1	86.9	00:00:38	
50.0	14.4	0.1	87.1	00:00:39	
51.0	14.2	0.1	87.3	00:00:40	
52.0	14.4	0.1	87.1	00:00:40	
53.0	14.4	0.1	87.1	00:00:41	
54.0	14.3	0.1	87.2	00:00:42	
55.0	14.4	0.1	87.1	00:00:43	
56.0	14.3	0.1	87.3	00:00:43	
57.0	14.2	0.1	87.4	00:00:44	
58.0	14.1	0.1	87.6	00:00:45	
59.0	14.0	0.1	87.6	00:00:45	
60.0	14.1	0.1	87.6	00:00:46	
61.0	14.2	0.1	87.2	00:00:47	
62.0	14.2	0.1	87.4	00:00:47	
63.0	14.4	0.1	87.1	00:00:48	
64.0	13.9	0.1	85.5	00:00:49	
65.0	14.3	0.1	84.3	00:00:49	
66.0	14.3	0.1	84.1	00:00:50	
67.0	14.6	0.1	83.6	00:00:51	
68.0	14.9	0.3	83.0	00:00:52	
69.0	15.3	0.4	82.6	00:00:52	
70.0	15.4	0.5	82.3	00:00:53	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
71.0	15.5	0.5	82.2	00:00:54	
72.0	15.6	0.5	81.9	00:00:55	
73.0	15.7	0.5	81.8	00:00:55	
74.0	16.0	0.5	81.3	00:00:56	
75.0	16.2	0.5	81.0	00:00:57	
76.0	16.2	0.5	81.0	00:00:57	
77.0	16.2	0.5	81.1	00:00:58	
78.0	16.3	0.5	80.8	00:00:59	
79.0	16.6	0.5	80.4	00:01:00	
80.0	16.6	0.5	80.5	00:01:00	
81.0	16.6	0.5	80.4	00:01:01	
82.0	16.8	0.5	80.2	00:01:02	
83.0	16.7	0.5	80.2	00:01:03	
84.0	16.8	0.5	79.9	00:01:03	
85.0	16.9	0.5	80.0	00:01:04	
86.0	17.0	0.5	79.7	00:01:05	
87.0	17.2	0.5	79.4	00:01:06	
88.0	17.3	0.5	79.3	00:01:06	
89.0	17.4	0.5	79.0	00:01:07	
90.0	17.5	0.5	79.0	00:01:08	
91.0	17.5	0.5	78.8	00:01:09	
92.0	17.8	0.5	78.4	00:01:09	
93.0	18.3	0.5	78.8	00:01:10	
94.0	18.2	0.5	79.7	00:01:11	
95.0	18.3	0.6	79.5	00:01:12	
96.0	18.4	0.9	79.4	00:01:13	
97.0	18.3	1.1	79.6	00:01:13	
98.0	18.1	1.2	80.0	00:01:14	
99.0	18.0	1.2	80.1	00:01:15	
100.0	17.8	1.3	80.3	00:01:15	
101.0	18.0	1.3	80.3	00:01:16	
102.0	17.9	1.3	80.3	00:01:17	
103.0	18.0	1.3	80.3	00:01:18	
104.0	17.9	1.3	80.2	00:01:18	
105.0	17.9	1.3	80.3	00:01:19	
106.0	17.8	1.3	80.4	00:01:20	
107.0	18.1	1.3	80.1	00:01:21	
108.0	18.1	1.3	79.8	00:01:22	
109.0	18.3	1.3	79.7	00:01:22	
110.0	18.3	1.3	79.8	00:01:23	
111.0	18.3	1.3	79.5	00:01:24	
112.0	18.4	1.3	79.6	00:01:25	
113.0	18.3	1.3	79.7	00:01:25	
114.0	18.4	1.3	79.5	00:01:26	
115.0	18.5	1.3	79.2	00:01:27	
116.0	18.6	1.3	79.0	00:01:28	
117.0	18.8	1.3	78.8	00:01:28	
118.0	18.8	1.3	78.9	00:01:29	
119.0	18.8	1.3	78.8	00:01:30	
120.0	18.9	1.3	78.7	00:01:31	
121.0	18.9	1.3	78.8	00:01:31	
122.0	18.8	1.3	78.9	00:01:32	
123.0	18.8	1.3	78.8	00:01:33	
124.0	19.0	1.3	78.6	00:01:34	
125.0	18.8	1.3	78.9	00:01:34	
126.0	18.9	1.3	78.6	00:01:35	
127.0	18.9	1.3	78.7	00:01:36	
128.0	18.9	1.3	78.7	00:01:37	
129.0	18.9	1.3	78.8	00:01:37	
130.0	18.8	1.3	78.8	00:01:38	
131.0	19.0	1.3	78.5	00:01:39	
132.0	19.0	1.3	78.4	00:01:40	
133.0	19.1	1.3	78.3	00:01:40	
134.0	19.1	1.3	78.4	00:01:41	
135.0	19.2	1.3	78.2	00:01:42	
136.0	19.3	1.3	78.0	00:01:43	
137.0	19.6	1.3	77.6	00:01:44	
138.0	19.6	1.3	77.7	00:01:44	
139.0	19.7	1.3	77.4	00:01:45	
140.0	19.7	1.3	77.4	00:01:46	
141.0	19.9	1.3	77.0	00:01:47	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
142.0	20.1	1.3	76.8	00:01:47	
143.0	20.2	1.3	76.5	00:01:48	
144.0	20.4	1.4	76.2	00:01:49	
145.0	20.6	1.6	76.1	00:01:50	
146.0	20.4	1.8	76.4	00:01:51	
147.0	20.1	1.9	76.7	00:01:51	
148.0	19.8	1.9	77.2	00:01:52	
149.0	19.7	1.9	77.4	00:01:53	
150.0	19.9	1.9	77.1	00:01:54	
151.0	19.9	2.0	77.1	00:01:54	
152.0	19.9	2.0	77.1	00:01:55	
153.0	20.0	2.0	77.0	00:01:56	
154.0	20.1	2.0	76.9	00:01:57	
155.0	20.1	2.0	76.9	00:01:58	
156.0	19.9	2.0	77.0	00:01:58	
157.0	20.0	2.0	77.0	00:01:59	
158.0	20.0	2.0	77.0	00:02:00	
159.0	20.1	2.0	76.8	00:02:01	
160.0	20.2	2.0	76.5	00:02:01	
161.0	20.2	2.0	76.6	00:02:02	
162.0	20.2	2.0	76.8	00:02:03	
163.0	20.0	2.0	76.8	00:02:04	
164.0	20.3	2.0	76.4	00:02:05	
165.0	20.4	2.0	76.1	00:02:05	
166.0	20.7	2.0	75.8	00:02:06	
167.0	20.9	2.0	75.4	00:02:07	
168.0	21.1	2.0	75.1	00:02:08	
169.0	21.3	2.0	74.8	00:02:09	
170.0	21.6	2.0	74.3	00:02:09	
171.0	21.9	2.0	73.8	00:02:10	
172.0	22.0	2.0	73.7	00:02:11	
173.0	22.0	2.0	73.7	00:02:12	
174.0	22.1	2.0	73.6	00:02:13	
175.0	22.4	2.0	73.1	00:02:14	
176.0	22.4	2.0	73.2	00:02:14	
177.0	22.3	2.0	73.1	00:02:15	
178.0	22.4	2.0	73.1	00:02:16	
179.0	22.8	2.1	72.4	00:02:17	
180.0	22.7	2.2	72.7	00:02:18	
181.0	22.4	2.2	73.2	00:02:18	
182.0	22.4	2.2	73.2	00:02:19	
183.0	22.5	2.2	72.9	00:02:20	
184.0	22.5	2.2	73.1	00:02:21	
185.0	22.7	2.2	73.3	00:02:22	
186.0	23.3	2.2	74.5	00:02:23	
187.0	23.5	2.2	74.9	00:02:23	
188.0	23.5	2.2	75.2	00:02:24	
189.0	23.6	2.2	75.2	00:02:25	
190.0	23.8	2.2	74.8	00:02:26	
191.0	23.9	2.2	74.6	00:02:27	
192.0	24.0	2.3	74.6	00:02:27	
193.0	23.7	2.3	74.9	00:02:28	
194.0	23.9	2.3	74.6	00:02:29	
195.0	23.9	2.4	74.6	00:02:30	
196.0	24.0	2.5	74.5	00:02:31	
197.0	23.5	2.7	75.4	00:02:31	
198.0	22.7	2.8	76.5	00:02:32	
199.0	22.6	2.8	76.7	00:02:33	
200.0	22.8	2.8	76.4	00:02:34	
201.0	22.8	2.8	76.4	00:02:34	
202.0	22.9	2.8	76.2	00:02:35	
203.0	22.8	2.8	76.3	00:02:36	
204.0	22.9	2.8	76.3	00:02:37	
205.0	22.7	2.8	76.5	00:02:38	
206.0	22.7	2.9	76.4	00:02:38	
207.0	22.7	3.0	76.7	00:02:39	
208.0	22.3	3.1	77.1	00:02:40	
209.0	22.2	3.2	77.3	00:02:41	
210.0	22.1	3.2	77.5	00:02:41	
211.0	22.1	3.2	77.3	00:02:42	
212.0	22.2	3.2	77.3	00:02:43	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
213.0	22.2	3.2	77.3	00:02:44	
214.0	22.2	3.2	77.3	00:02:45	
215.0	22.1	3.2	77.4	00:02:45	
216.0	22.1	3.2	77.5	00:02:46	
217.0	22.2	3.2	77.2	00:02:47	
218.0	22.0	3.4	77.5	00:02:48	
219.0	21.9	3.4	77.8	00:02:49	
220.0	21.8	3.5	77.8	00:02:49	
221.0	21.9	3.5	77.7	00:02:50	
222.0	22.0	3.5	77.6	00:02:51	
223.0	22.0	3.5	77.4	00:02:52	
224.0	22.6	3.5	78.1	00:02:52	
225.0	22.5	3.5	78.6	00:02:53	
226.0	22.5	3.5	78.7	00:02:54	
227.0	22.7	3.5	78.4	00:02:55	
228.0	22.6	3.5	79.0	00:02:55	
229.0	22.7	3.5	79.2	00:02:56	
230.0	22.7	3.5	79.1	00:02:57	
231.0	22.8	3.5	79.1	00:02:58	
232.0	22.9	3.5	78.8	00:02:58	
233.0	23.4	3.5	78.3	00:02:59	
234.0	23.4	3.5	77.9	00:03:00	
235.0	24.0	3.5	77.2	00:03:01	
236.0	24.0	3.5	77.2	00:03:02	
237.0	24.0	3.5	77.3	00:03:02	
238.0	23.9	3.5	77.4	00:03:03	
239.0	23.9	3.5	77.4	00:03:04	
240.0	23.7	3.5	77.6	00:03:05	
241.0	23.8	3.5	77.6	00:03:05	
242.0	23.7	3.5	77.7	00:03:06	
243.0	23.8	3.5	77.6	00:03:07	
244.0	23.7	3.5	77.7	00:03:08	
245.0	23.5	3.5	77.9	00:03:09	
246.0	23.7	3.5	77.8	00:03:09	
247.0	23.7	3.5	77.8	00:03:10	
248.0	23.6	3.5	77.8	00:03:11	
249.0	23.5	3.5	78.0	00:03:12	
250.0	23.4	3.5	78.2	00:03:12	
251.0	23.4	3.5	78.2	00:03:13	
252.0	23.4	3.5	78.2	00:03:14	
253.0	23.4	3.5	78.2	00:03:15	
254.0	23.4	3.5	78.1	00:03:15	
255.0	23.4	3.5	78.4	00:03:16	
256.0	23.2	3.5	78.4	00:03:17	
257.0	23.4	3.5	78.3	00:03:18	
258.0	23.3	3.5	78.3	00:03:18	
259.0	23.4	3.5	78.2	00:03:19	
260.0	23.4	3.5	78.2	00:03:20	
261.0	23.4	3.5	78.3	00:03:21	
262.0	23.3	3.5	78.3	00:03:22	
263.0	23.4	3.5	78.3	00:03:22	
264.0	23.4	3.5	78.2	00:03:23	
265.0	23.6	3.5	77.8	00:03:24	
266.0	23.7	3.5	77.7	00:03:25	
267.0	23.7	3.5	77.8	00:03:25	
268.0	23.8	3.5	77.6	00:03:26	
269.0	24.1	3.5	77.2	00:03:27	
270.0	24.2	3.5	77.0	00:03:28	
271.0	24.4	3.5	76.8	00:03:29	
272.0	24.4	3.5	76.8	00:03:29	
273.0	24.1	3.7	77.0	00:03:30	
274.0	24.1	3.8	77.1	00:03:31	
275.0	24.2	3.8	77.2	00:03:32	
276.0	23.7	3.8	77.8	00:03:32	
277.0	23.5	3.8	78.1	00:03:33	
278.0	23.8	3.8	77.8	00:03:34	
279.0	24.0	3.8	78.6	00:03:35	
280.0	23.7	3.8	79.2	00:03:35	
281.0	23.3	3.8	79.0	00:03:36	
282.0	23.3	3.8	79.0	00:03:37	
283.0	23.3	3.8	78.9	00:03:38	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
284.0	23.2	3.8	79.1	00:03:39	
285.0	23.2	3.8	79.1	00:03:39	
286.0	23.1	3.8	79.2	00:03:40	
287.0	23.2	3.8	79.0	00:03:41	
288.0	23.3	3.8	78.9	00:03:42	
289.0	23.3	3.8	78.9	00:03:42	
290.0	23.4	3.8	78.8	00:03:43	
291.0	23.4	3.8	78.8	00:03:44	
292.0	23.5	3.8	78.6	00:03:45	
293.0	23.7	3.8	78.3	00:03:45	
294.0	23.7	3.8	78.3	00:03:46	
295.0	23.9	3.8	78.0	00:03:47	
296.0	24.0	3.8	77.9	00:03:48	
297.0	24.2	3.8	77.6	00:03:48	
298.0	24.2	3.8	77.6	00:03:49	
299.0	24.0	3.8	77.7	00:03:50	
300.0	24.1	3.8	77.7	00:03:51	
301.0	24.1	3.8	77.7	00:03:52	
302.0	24.4	3.8	77.3	00:03:52	
303.0	24.1	3.8	77.6	00:03:53	
304.0	23.9	3.8	78.0	00:03:54	
305.0	24.1	3.8	77.8	00:03:55	
306.0	24.1	3.8	77.6	00:03:55	
307.0	24.0	3.8	77.9	00:03:56	
308.0	23.9	3.8	77.9	00:03:57	
309.0	23.8	3.8	78.2	00:03:58	
310.0	23.8	3.8	78.1	00:03:59	
311.0	23.9	3.8	78.0	00:03:59	
312.0	24.0	3.8	77.9	00:04:00	
313.0	23.9	3.8	78.0	00:04:01	
314.0	24.1	3.8	77.7	00:04:02	
315.0	24.4	3.8	77.3	00:04:02	
316.0	24.4	3.8	77.2	00:04:03	
317.0	24.6	3.8	77.1	00:04:04	
318.0	24.3	3.8	77.3	00:04:05	
319.0	24.1	3.8	77.8	00:04:05	
320.0	24.1	3.8	77.8	00:04:06	
321.0	23.9	3.8	77.8	00:04:07	
322.0	24.1	3.8	77.7	00:04:08	
323.0	24.0	3.8	77.8	00:04:09	
324.0	23.9	3.8	78.0	00:04:09	
325.0	23.9	3.8	78.1	00:04:10	
326.0	23.9	3.8	78.0	00:04:11	
327.0	24.0	3.8	77.9	00:04:12	
328.0	23.9	3.8	78.0	00:04:12	
329.0	23.9	3.8	77.9	00:04:13	
330.0	24.0	3.8	77.8	00:04:14	
331.0	24.1	3.8	77.5	00:04:15	
332.0	24.3	3.8	77.4	00:04:15	
333.0	24.5	3.8	77.2	00:04:16	
334.0	24.5	3.8	77.1	00:04:17	
335.0	24.7	3.8	76.7	00:04:18	
336.0	25.6	3.8	76.8	00:04:19	
337.0	26.1	3.8	77.4	00:04:19	
338.0	26.1	3.8	77.5	00:04:20	
339.0	26.0	3.8	77.6	00:04:21	
340.0	25.3	3.8	77.0	00:04:22	
341.0	24.1	3.8	75.8	00:04:22	
342.0	26.0	3.8	74.8	00:04:23	
343.0	26.6	3.8	74.3	00:04:24	
344.0	26.7	3.9	74.2	00:04:25	
345.0	26.7	4.1	74.1	00:04:26	
346.0	26.4	4.3	74.5	00:04:27	
347.0	26.0	4.4	75.3	00:04:27	
348.0	25.4	4.4	76.2	00:04:28	
349.0	24.6	4.4	77.3	00:04:29	
350.0	24.2	4.5	78.0	00:04:30	
351.0	23.6	4.5	78.8	00:04:30	
352.0	23.5	4.5	78.9	00:04:31	
353.0	23.5	4.5	79.0	00:04:32	
354.0	23.6	4.5	78.9	00:04:33	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
355.0	23.4	4.5	79.1	00:04:33	
356.0	23.4	4.5	79.1	00:04:34	
357.0	23.5	4.5	78.9	00:04:35	
358.0	23.5	4.5	78.9	00:04:36	
359.0	23.5	4.5	78.9	00:04:36	
360.0	23.5	4.5	78.8	00:04:37	
361.0	23.4	4.5	79.0	00:04:38	
362.0	23.6	4.5	78.8	00:04:39	
363.0	23.6	4.5	78.8	00:04:40	
364.0	23.6	4.7	78.6	00:04:40	
365.0	23.6	4.8	78.8	00:04:41	
366.0	23.6	4.8	78.8	00:04:42	
367.0	23.6	4.9	78.7	00:04:43	
368.0	23.6	4.9	78.6	00:04:43	
369.0	23.9	5.0	78.4	00:04:44	
370.0	24.0	5.0	78.2	00:04:45	
371.0	23.8	5.0	78.4	00:04:46	
372.0	23.7	5.1	78.5	00:04:46	
373.0	23.7	5.1	78.5	00:04:47	
374.0	24.1	5.1	78.2	00:04:48	
375.0	23.8	5.1	78.4	00:04:49	
376.0	23.8	5.1	78.4	00:04:49	
377.0	23.8	5.1	78.5	00:04:50	
378.0	23.8	5.1	78.5	00:04:51	
379.0	23.6	5.1	78.6	00:04:52	
380.0	23.7	5.1	78.6	00:04:53	
381.0	23.6	5.1	78.7	00:04:53	
382.0	23.7	5.1	78.7	00:04:54	
383.0	23.6	5.1	78.8	00:04:55	
384.0	23.6	5.1	78.7	00:04:56	
385.0	23.6	5.1	78.6	00:04:56	
386.0	23.7	5.1	78.7	00:04:57	
387.0	23.6	5.1	78.7	00:04:58	
388.0	23.7	5.1	78.7	00:04:59	
389.0	23.4	5.1	79.2	00:04:59	
390.0	23.2	5.1	79.3	00:05:00	
391.0	23.4	5.1	79.0	00:05:01	
392.0	23.4	5.1	79.1	00:05:02	
393.0	23.4	5.1	79.0	00:05:02	
394.0	23.4	5.1	79.0	00:05:03	
395.0	23.8	5.1	78.5	00:05:04	
396.0	23.9	5.1	78.3	00:05:05	
397.0	23.7	5.1	78.6	00:05:05	
398.0	23.7	5.1	78.6	00:05:06	
399.0	23.8	5.1	78.7	00:05:07	
400.0	23.8	5.1	78.4	00:05:08	
401.0	23.8	5.1	78.5	00:05:09	
402.0	23.8	5.1	78.4	00:05:09	
403.0	23.7	5.1	78.5	00:05:10	
404.0	23.7	5.1	78.6	00:05:11	
405.0	23.9	5.1	78.2	00:05:12	
406.0	24.0	5.1	78.3	00:05:12	
407.0	23.8	5.1	78.4	00:05:13	
408.0	24.0	5.1	78.3	00:05:14	
409.0	24.1	5.1	78.0	00:05:15	
410.0	24.1	5.1	78.1	00:05:15	
411.0	23.9	5.1	78.2	00:05:16	
412.0	23.9	5.1	78.4	00:05:17	
413.0	24.1	5.1	78.0	00:05:18	
414.0	24.0	5.2	78.3	00:05:18	
415.0	23.9	5.3	78.3	00:05:19	
416.0	23.7	5.4	78.5	00:05:20	
417.0	23.9	5.5	78.2	00:05:21	
418.0	24.0	5.5	78.3	00:05:22	
419.0	24.0	5.5	78.2	00:05:22	
420.0	24.1	5.5	78.0	00:05:23	
421.0	24.4	5.5	77.7	00:05:24	
422.0	24.1	5.5	78.1	00:05:25	
423.0	24.0	5.5	78.3	00:05:25	
424.0	23.8	5.5	78.4	00:05:26	
425.0	23.9	5.5	78.4	00:05:27	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
426.0	24.0	5.5	78.2	00:05:28	
427.0	23.9	5.5	78.3	00:05:29	
428.0	23.9	5.5	78.2	00:05:29	
429.0	23.9	5.5	78.5	00:05:30	
430.0	24.0	5.5	78.2	00:05:31	
431.0	23.9	5.5	78.3	00:05:32	
432.0	23.8	5.5	78.4	00:05:32	
433.0	23.9	5.5	78.3	00:05:33	
434.0	24.1	5.5	78.1	00:05:34	
435.0	24.0	5.5	78.2	00:05:35	
436.0	24.1	5.5	78.0	00:05:35	
437.0	24.2	5.5	78.0	00:05:36	
438.0	24.0	5.5	78.3	00:05:37	
439.0	24.1	5.5	78.1	00:05:38	
440.0	24.0	5.5	78.1	00:05:38	
441.0	24.3	5.5	77.8	00:05:39	
442.0	24.4	5.5	77.6	00:05:40	
443.0	24.2	5.5	77.9	00:05:41	
444.0	24.2	5.5	77.9	00:05:42	
445.0	24.2	5.5	77.7	00:05:42	
446.0	24.4	5.5	77.6	00:05:43	
447.0	24.4	5.5	77.6	00:05:44	
448.0	24.3	5.5	77.8	00:05:45	
449.0	24.2	5.5	77.8	00:05:45	
450.0	24.4	5.5	77.7	00:05:46	
451.0	24.4	5.5	77.6	00:05:47	
452.0	24.3	5.5	77.8	00:05:48	
453.0	24.3	5.5	77.7	00:05:48	
454.0	24.1	5.5	78.0	00:05:49	
455.0	24.1	5.5	78.0	00:05:50	
456.0	24.2	5.5	77.9	00:05:51	
457.0	24.1	5.5	77.9	00:05:52	
458.0	24.1	5.5	78.1	00:05:52	
459.0	24.2	5.5	77.8	00:05:53	
460.0	24.3	5.5	77.9	00:05:54	
461.0	23.9	5.5	78.2	00:05:55	
462.0	24.0	5.5	78.2	00:05:55	
463.0	23.9	5.5	78.2	00:05:56	
464.0	24.0	5.5	78.3	00:05:57	
465.0	24.2	5.5	77.8	00:05:58	
466.0	24.1	5.7	77.9	00:05:58	
467.0	24.1	5.7	77.9	00:05:59	
468.0	24.3	5.8	77.9	00:06:00	
469.0	24.3	5.8	77.5	00:06:01	
470.0	24.3	5.8	77.7	00:06:02	
471.0	24.6	5.9	77.3	00:06:02	
472.0	24.6	5.9	77.3	00:06:03	
473.0	25.2	6.0	76.3	00:06:04	
474.0	24.9	6.0	77.0	00:06:05	
475.0	24.7	6.0	77.1	00:06:05	
476.0	24.6	6.0	77.4	00:06:06	
477.0	24.6	6.0	77.3	00:06:07	
478.0	24.5	6.0	77.4	00:06:08	
479.0	24.4	6.0	77.5	00:06:09	
480.0	24.4	6.0	77.6	00:06:09	
481.0	24.4	6.0	77.5	00:06:10	
482.0	24.5	6.0	77.4	00:06:11	
483.0	24.4	6.0	77.6	00:06:12	
484.0	24.4	6.0	77.4	00:06:12	
485.0	24.5	6.0	77.4	00:06:13	
486.0	24.3	6.0	77.6	00:06:14	
487.0	24.5	6.0	77.5	00:06:15	
488.0	24.4	6.0	77.4	00:06:16	
489.0	24.6	6.0	77.4	00:06:16	
490.0	24.4	6.0	77.4	00:06:17	
491.0	24.6	6.0	77.3	00:06:18	
492.0	24.7	6.0	77.1	00:06:19	
493.0	24.5	6.0	77.5	00:06:19	
494.0	24.6	6.0	77.3	00:06:20	
495.0	24.6	6.0	77.0	00:06:21	
496.0	24.8	6.0	77.1	00:06:22	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
497.0	24.6	6.0	77.3	00:06:23	
498.0	24.6	6.0	77.4	00:06:23	
499.0	24.7	6.0	77.1	00:06:24	
500.0	24.7	6.0	77.2	00:06:25	
501.0	24.7	6.0	77.2	00:06:26	
502.0	24.8	6.0	76.8	00:06:26	
503.0	25.0	6.0	76.6	00:06:27	
504.0	25.1	6.0	76.5	00:06:28	
505.0	25.1	6.0	76.6	00:06:29	
506.0	25.0	6.0	76.6	00:06:30	
507.0	24.9	6.0	76.8	00:06:30	
508.0	25.0	6.0	76.6	00:06:31	
509.0	25.2	6.0	76.5	00:06:32	
510.0	24.9	6.0	76.8	00:06:33	
511.0	24.9	6.0	76.8	00:06:33	
512.0	24.9	6.1	76.9	00:06:34	
513.0	24.9	6.1	76.8	00:06:35	
514.0	24.9	6.2	76.7	00:06:36	
515.0	25.2	6.2	76.4	00:06:37	
516.0	25.2	6.3	76.4	00:06:37	
517.0	25.0	6.4	76.7	00:06:38	
518.0	25.0	6.4	76.5	00:06:39	
519.0	25.1	6.5	76.6	00:06:40	
520.0	25.2	6.5	76.4	00:06:40	
521.0	25.1	6.5	76.4	00:06:41	
522.0	25.3	6.5	76.3	00:06:42	
523.0	25.5	6.5	75.9	00:06:43	
524.0	25.3	6.5	76.4	00:06:44	
525.0	25.3	6.5	76.1	00:06:44	
526.0	25.4	6.5	76.2	00:06:45	
527.0	25.4	6.5	76.1	00:06:46	
528.0	25.5	6.5	76.0	00:06:47	
529.0	25.2	6.4	76.2	00:06:48	
530.0	25.5	6.3	75.9	00:06:48	
531.0	25.4	6.2	76.2	00:06:49	
532.0	25.3	6.2	76.2	00:06:50	
533.0	25.3	6.2	76.1	00:06:51	
534.0	25.4	6.1	76.1	00:06:52	
535.0	25.3	6.1	76.3	00:06:52	
536.0	25.3	6.2	76.2	00:06:53	
537.0	25.2	6.2	76.3	00:06:54	
538.0	25.3	6.2	76.3	00:06:55	
539.0	25.2	6.2	76.4	00:06:55	
540.0	25.2	6.2	76.1	00:06:56	
541.0	25.6	6.2	75.8	00:06:57	
542.0	25.5	6.2	76.0	00:06:58	
543.0	25.7	6.2	75.4	00:06:59	
544.0	25.8	6.2	75.5	00:06:59	
545.0	25.8	6.2	75.6	00:07:00	
546.0	25.9	6.2	75.3	00:07:01	
547.0	25.9	6.2	75.3	00:07:02	
548.0	25.8	6.2	75.4	00:07:03	
549.0	25.6	6.2	75.7	00:07:03	
550.0	25.6	6.2	75.7	00:07:04	
551.0	25.5	6.2	75.8	00:07:05	
552.0	25.5	6.2	75.9	00:07:06	
553.0	25.3	6.2	76.2	00:07:07	
554.0	25.4	6.2	76.0	00:07:07	
555.0	25.2	6.2	76.3	00:07:08	
556.0	25.3	6.2	76.3	00:07:09	
557.0	25.3	6.2	76.1	00:07:10	
558.0	25.3	6.2	76.2	00:07:10	
559.0	25.5	6.2	75.9	00:07:11	
560.0	25.2	6.2	76.3	00:07:12	
561.0	25.4	6.2	76.0	00:07:13	
562.0	25.4	6.2	76.0	00:07:14	
563.0	25.4	6.2	76.1	00:07:14	
564.0	25.4	6.2	75.9	00:07:15	
565.0	25.4	6.2	76.2	00:07:16	
566.0	25.5	6.2	75.8	00:07:17	
567.0	25.6	6.2	75.8	00:07:18	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
568.0	25.6	6.2	75.7	00:07:18	
569.0	25.8	6.2	75.3	00:07:19	
570.0	25.8	6.2	75.3	00:07:20	
571.0	25.9	6.2	75.3	00:07:21	
572.0	25.8	6.2	75.4	00:07:22	
573.0	25.9	6.2	75.2	00:07:22	
574.0	26.1	6.2	75.1	00:07:23	
575.0	26.0	6.2	75.3	00:07:24	
576.0	25.9	6.2	75.2	00:07:25	
577.0	26.0	6.2	75.0	00:07:26	
578.0	26.1	6.2	75.1	00:07:26	
579.0	26.0	6.2	75.3	00:07:27	
580.0	26.0	6.2	74.9	00:07:28	
581.0	26.0	6.2	75.0	00:07:29	
582.0	26.3	6.2	74.8	00:07:30	
583.0	26.2	6.2	74.9	00:07:30	
584.0	26.4	6.2	74.5	00:07:31	
585.0	26.3	6.4	74.7	00:07:32	
586.0	26.2	6.4	74.9	00:07:33	
587.0	26.2	6.5	74.9	00:07:34	
588.0	26.2	6.5	74.8	00:07:34	
589.0	26.0	6.5	75.2	00:07:35	
590.0	25.9	6.5	75.2	00:07:36	
591.0	25.9	6.5	75.3	00:07:37	
592.0	26.0	6.5	75.3	00:07:38	
593.0	25.8	6.5	75.4	00:07:38	
594.0	25.8	6.5	75.3	00:07:39	
595.0	25.9	6.5	75.2	00:07:40	
596.0	26.1	6.5	75.1	00:07:41	
597.0	25.8	6.5	75.5	00:07:42	
598.0	26.1	6.5	75.1	00:07:42	
599.0	25.9	6.5	75.2	00:07:43	
600.0	25.9	6.5	75.2	00:07:44	
601.0	25.9	6.5	75.2	00:07:45	
602.0	26.0	6.5	75.0	00:07:46	
603.0	25.9	6.5	75.2	00:07:46	
604.0	26.0	6.5	75.4	00:07:47	
605.0	25.9	6.5	75.2	00:07:48	
606.0	26.0	6.5	75.0	00:07:49	
607.0	26.0	6.5	75.1	00:07:50	
608.0	25.9	6.5	75.3	00:07:50	
609.0	26.1	6.5	75.0	00:07:51	
610.0	26.0	6.5	75.0	00:07:52	
611.0	26.3	6.5	74.9	00:07:53	
612.0	25.9	6.5	75.3	00:07:54	
613.0	26.1	6.5	75.0	00:07:54	
614.0	26.1	6.5	75.0	00:07:55	
615.0	26.1	6.5	75.0	00:07:56	
616.0	26.1	6.5	75.0	00:07:57	
617.0	26.1	6.5	75.0	00:07:58	
618.0	26.3	6.5	74.8	00:07:58	
619.0	26.2	6.5	74.8	00:07:59	
620.0	26.2	6.5	74.8	00:08:00	
621.0	26.5	6.5	74.5	00:08:01	
622.0	26.5	6.5	74.5	00:08:02	
623.0	26.6	6.5	74.2	00:08:02	
624.0	26.6	6.5	74.4	00:08:03	
625.0	26.6	6.5	74.2	00:08:04	
626.0	26.7	6.5	74.2	00:08:05	
627.0	26.6	6.5	74.2	00:08:06	
628.0	26.7	6.5	74.2	00:08:06	
629.0	26.7	6.5	74.0	00:08:07	
630.0	26.6	6.5	74.5	00:08:08	
631.0	26.4	6.5	74.4	00:08:09	
632.0	26.3	6.5	74.7	00:08:10	
633.0	26.3	6.5	74.6	00:08:10	
634.0	26.3	6.5	74.6	00:08:11	
635.0	26.4	6.5	74.5	00:08:12	
636.0	26.4	6.5	74.7	00:08:13	
637.0	26.4	6.5	74.6	00:08:14	
638.0	26.5	6.5	74.3	00:08:15	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
639.0	26.5	6.5	74.3	00:08:15	
640.0	26.6	6.5	74.4	00:08:16	
641.0	26.6	6.5	74.2	00:08:17	
642.0	26.7	6.5	74.0	00:08:18	
643.0	26.7	6.5	74.2	00:08:19	
644.0	26.7	6.5	74.1	00:08:19	
645.0	26.9	6.5	73.8	00:08:20	
646.0	26.7	6.5	74.1	00:08:21	
647.0	26.8	6.5	74.0	00:08:22	
648.0	26.7	6.5	74.1	00:08:23	
649.0	26.8	6.5	74.0	00:08:23	
650.0	26.8	6.5	74.0	00:08:24	
651.0	26.9	6.5	73.7	00:08:25	
652.0	26.9	6.5	73.8	00:08:26	
653.0	27.0	6.5	73.7	00:08:27	
654.0	26.9	6.5	73.9	00:08:27	
655.0	27.0	6.5	73.7	00:08:28	
656.0	26.8	6.5	73.9	00:08:29	
657.0	27.1	6.5	73.4	00:08:30	
658.0	27.1	6.5	73.5	00:08:31	
659.0	27.3	6.5	73.2	00:08:32	
660.0	27.2	6.5	73.3	00:08:32	
661.0	27.3	6.5	73.2	00:08:33	
662.0	27.4	6.5	73.1	00:08:34	
663.0	27.3	6.5	73.2	00:08:35	
664.0	27.2	6.5	73.3	00:08:36	
665.0	27.3	6.5	73.2	00:08:36	
666.0	27.3	6.5	73.2	00:08:37	
667.0	27.4	6.5	73.0	00:08:38	
668.0	27.4	6.5	73.1	00:08:39	
669.0	27.5	6.5	72.9	00:08:40	
670.0	27.5	6.5	72.8	00:08:41	
671.0	27.7	6.5	72.6	00:08:41	
672.0	27.7	6.5	72.6	00:08:42	
673.0	28.0	6.5	72.2	00:08:43	
674.0	27.9	6.5	72.3	00:08:44	
675.0	27.9	6.5	72.4	00:08:45	
676.0	27.8	6.5	72.5	00:08:46	
677.0	27.9	6.5	72.2	00:08:46	
678.0	28.0	6.5	72.1	00:08:47	
679.0	28.1	6.5	72.1	00:08:48	
680.0	28.0	6.5	72.3	00:08:49	
681.0	28.1	6.5	71.9	00:08:50	
682.0	28.1	6.5	72.1	00:08:50	
683.0	27.9	6.5	72.2	00:08:51	
684.0	28.0	6.5	72.2	00:08:52	
685.0	28.2	6.5	71.9	00:08:53	
686.0	28.2	6.5	71.8	00:08:54	
687.0	28.3	6.5	71.7	00:08:55	
688.0	28.5	6.5	71.4	00:08:55	
689.0	28.7	6.5	71.1	00:08:56	
690.0	28.7	6.5	71.0	00:08:57	
691.0	28.7	6.5	71.0	00:08:58	
692.0	29.0	6.5	70.7	00:08:59	
693.0	29.2	6.5	70.4	00:09:00	
694.0	29.3	6.5	70.0	00:09:01	
695.0	29.4	6.5	70.2	00:09:02	
696.0	29.3	6.5	70.1	00:09:02	
697.0	29.3	6.5	70.3	00:09:03	
698.0	29.0	6.5	70.6	00:09:04	
699.0	29.2	6.6	70.4	00:09:05	
700.0	29.1	6.8	70.6	00:09:06	
701.0	29.1	6.9	70.6	00:09:07	
702.0	28.9	7.0	70.9	00:09:07	
703.0	28.5	7.0	71.5	00:09:08	
704.0	28.2	7.0	71.9	00:09:09	
705.0	27.9	7.1	72.5	00:09:10	
706.0	27.6	7.1	72.7	00:09:11	
707.0	27.5	7.1	73.0	00:09:12	
708.0	27.2	7.1	73.2	00:09:12	
709.0	27.2	7.1	73.2	00:09:13	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
710.0	27.3	7.2	73.1	00:09:14	
711.0	27.3	7.2	73.2	00:09:15	
712.0	27.2	7.2	73.4	00:09:16	
713.0	27.3	7.3	73.2	00:09:17	
714.0	27.3	7.3	73.1	00:09:17	
715.0	27.6	7.4	72.8	00:09:18	
716.0	27.3	7.3	73.1	00:09:19	
717.0	27.4	7.3	73.1	00:09:20	
718.0	27.3	7.3	73.1	00:09:21	
719.0	27.5	7.3	72.9	00:09:21	
720.0	27.8	7.3	72.5	00:09:22	
721.0	27.6	7.3	72.6	00:09:23	
722.0	27.8	7.3	72.5	00:09:24	
723.0	27.4	7.3	73.0	00:09:25	
724.0	27.6	7.3	72.7	00:09:26	
725.0	27.5	7.3	72.9	00:09:26	
726.0	27.4	7.3	73.2	00:09:27	
727.0	27.4	7.3	73.1	00:09:28	
728.0	27.3	7.3	73.1	00:09:29	
729.0	27.2	7.3	73.4	00:09:30	
730.0	27.3	7.3	73.1	00:09:30	
731.0	27.3	7.3	73.3	00:09:31	
732.0	27.3	7.3	73.2	00:09:32	
733.0	27.5	7.3	72.8	00:09:33	
734.0	27.4	7.3	73.1	00:09:34	
735.0	27.4	7.3	73.0	00:09:35	
736.0	27.6	7.3	72.9	00:09:35	
737.0	27.4	7.3	73.0	00:09:36	
738.0	27.4	7.3	73.0	00:09:37	
739.0	27.3	7.3	73.2	00:09:38	
740.0	27.4	7.3	73.0	00:09:39	
741.0	27.5	7.3	73.0	00:09:40	
742.0	27.3	7.3	73.1	00:09:40	
743.0	27.5	7.3	72.9	00:09:41	
744.0	27.4	7.3	73.1	00:09:42	
745.0	27.7	7.3	72.7	00:09:43	
746.0	27.8	7.3	72.3	00:09:44	
747.0	27.5	7.3	72.8	00:09:45	
748.0	27.8	7.3	72.5	00:09:45	
749.0	27.7	7.3	72.6	00:09:46	
750.0	27.7	7.3	72.7	00:09:47	
751.0	27.8	7.3	72.5	00:09:48	
752.0	27.7	7.3	72.5	00:09:49	
753.0	27.8	7.3	72.4	00:09:49	
754.0	28.0	7.3	72.2	00:09:50	
755.0	27.9	7.3	72.4	00:09:51	
756.0	28.1	7.3	71.9	00:09:52	
757.0	28.1	7.3	72.1	00:09:53	
758.0	28.3	7.3	71.7	00:09:54	
759.0	28.3	7.3	71.6	00:09:54	
760.0	28.4	7.3	71.6	00:09:55	
761.0	28.1	7.3	72.0	00:09:56	
762.0	28.2	7.3	71.8	00:09:57	
763.0	27.9	7.3	72.3	00:09:58	
764.0	28.0	7.3	72.2	00:09:59	
765.0	27.9	7.3	72.4	00:09:59	
766.0	28.0	7.3	72.1	00:10:00	
767.0	28.2	7.3	72.0	00:10:01	
768.0	28.0	7.3	72.1	00:10:02	
769.0	28.1	7.3	72.0	00:10:03	
770.0	27.9	7.3	72.3	00:10:04	
771.0	27.9	7.3	72.3	00:10:04	
772.0	28.1	7.3	72.0	00:10:05	
773.0	27.9	7.3	72.2	00:10:06	
774.0	28.0	7.3	72.1	00:10:07	
775.0	27.9	7.3	72.3	00:10:08	
776.0	28.1	7.3	72.1	00:10:09	
777.0	28.1	7.4	72.0	00:10:09	
778.0	27.7	7.6	72.4	00:10:10	
779.0	27.8	7.7	72.4	00:10:11	
780.0	27.9	7.7	72.4	00:10:12	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
781.0	27.6	7.7	72.7	00:10:13	
782.0	27.6	7.7	72.7	00:10:14	
783.0	27.5	7.7	72.9	00:10:14	
784.0	27.6	7.7	72.5	00:10:15	
785.0	27.8	7.8	72.5	00:10:16	
786.0	27.8	7.8	72.4	00:10:17	
787.0	27.9	7.8	72.3	00:10:18	
788.0	27.9	7.8	72.3	00:10:19	
789.0	28.0	7.8	72.2	00:10:19	
790.0	28.2	7.8	71.8	00:10:20	
791.0	28.2	7.8	71.6	00:10:21	
792.0	28.4	7.8	71.6	00:10:22	
793.0	28.6	7.8	71.2	00:10:23	
794.0	28.7	7.8	71.1	00:10:24	
795.0	28.7	7.8	71.1	00:10:24	
796.0	28.4	7.8	71.5	00:10:25	
797.0	28.4	7.8	71.6	00:10:26	
798.0	28.5	7.8	71.5	00:10:27	
799.0	28.3	7.8	71.7	00:10:28	
800.0	28.3	7.8	71.7	00:10:29	
801.0	28.2	7.8	71.9	00:10:30	
802.0	28.0	7.8	72.1	00:10:30	
803.0	28.1	7.8	71.9	00:10:31	
804.0	28.1	7.9	71.9	00:10:32	
805.0	28.1	8.0	72.0	00:10:33	
806.0	28.0	8.1	72.2	00:10:34	
807.0	28.0	8.1	72.1	00:10:34	
808.0	28.1	8.1	71.8	00:10:35	
809.0	28.1	8.1	71.9	00:10:36	
810.0	28.0	8.1	72.1	00:10:37	
811.0	28.2	8.1	71.8	00:10:38	
812.0	28.3	8.1	71.6	00:10:39	
813.0	28.4	8.1	71.5	00:10:39	
814.0	28.4	8.1	71.5	00:10:40	
815.0	28.5	8.1	71.5	00:10:41	
816.0	28.5	8.1	71.5	00:10:42	
817.0	28.4	8.1	71.5	00:10:43	
818.0	28.4	8.1	71.5	00:10:44	
819.0	28.5	8.1	71.4	00:10:44	
820.0	28.6	8.1	71.3	00:10:45	
821.0	28.7	8.1	70.9	00:10:46	
822.0	28.6	8.1	71.1	00:10:47	
823.0	28.9	8.1	71.0	00:10:48	
824.0	28.9	8.2	70.7	00:10:49	
825.0	28.9	8.3	70.8	00:10:50	
826.0	29.0	8.4	70.5	00:10:50	
827.0	29.1	8.5	70.5	00:10:51	
828.0	29.3	8.5	70.3	00:10:52	
829.0	29.2	8.5	70.3	00:10:53	
830.0	29.2	8.5	70.4	00:10:54	
831.0	29.1	8.5	70.5	00:10:55	
832.0	29.0	8.5	70.5	00:10:55	
833.0	28.9	8.5	70.9	00:10:56	
834.0	28.8	8.5	71.0	00:10:57	
835.0	28.7	8.5	70.9	00:10:58	
836.0	28.8	8.5	70.9	00:10:59	
837.0	28.9	8.6	70.9	00:11:00	
838.0	28.9	8.6	70.9	00:11:01	
839.0	28.9	8.6	70.7	00:11:01	
840.0	28.9	8.6	70.8	00:11:02	
841.0	28.8	8.6	70.9	00:11:03	
842.0	29.0	8.6	70.8	00:11:04	
843.0	29.0	8.6	70.6	00:11:05	
844.0	29.2	8.6	70.3	00:11:06	
845.0	29.0	8.6	70.6	00:11:07	
846.0	29.2	8.6	70.3	00:11:07	
847.0	29.2	8.6	70.3	00:11:08	
848.0	29.1	8.6	70.5	00:11:09	
849.0	29.2	8.6	70.4	00:11:10	
850.0	28.9	8.6	70.6	00:11:11	
851.0	29.2	8.6	70.5	00:11:12	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
852.0	29.0	8.6	70.7	00:11:12	
853.0	29.2	8.6	70.3	00:11:13	
854.0	29.0	8.6	70.7	00:11:14	
855.0	29.3	8.4	70.3	00:11:15	
856.0	29.2	8.4	70.3	00:11:16	
857.0	29.2	8.4	70.2	00:11:17	
858.0	29.3	8.3	70.2	00:11:18	
859.0	29.4	8.3	69.9	00:11:18	
860.0	29.7	8.3	69.6	00:11:19	
861.0	29.7	8.3	69.5	00:11:20	
862.0	29.6	8.3	69.6	00:11:21	
863.0	29.7	8.3	69.5	00:11:22	
864.0	30.0	8.3	69.2	00:11:23	
865.0	29.8	8.3	69.5	00:11:24	
866.0	29.6	8.2	69.6	00:11:25	
867.0	29.8	8.2	69.5	00:11:25	
868.0	29.7	8.1	69.7	00:11:26	
869.0	29.6	8.1	69.7	00:11:27	
870.0	29.6	8.1	69.8	00:11:28	
871.0	29.6	8.1	69.8	00:11:29	
872.0	29.7	8.1	69.6	00:11:30	
873.0	29.6	8.0	69.7	00:11:31	
874.0	29.9	8.0	69.4	00:11:31	
875.0	29.8	8.0	69.3	00:11:32	
876.0	29.9	8.0	69.3	00:11:33	
877.0	30.0	8.0	69.1	00:11:34	
878.0	30.1	8.0	68.9	00:11:35	
879.0	30.2	8.0	68.8	00:11:36	
880.0	30.1	8.0	68.9	00:11:37	
881.0	30.3	8.1	68.7	00:11:37	
882.0	30.2	8.2	68.8	00:11:38	
883.0	30.2	8.2	68.9	00:11:39	
884.0	30.0	8.3	69.1	00:11:40	
885.0	29.8	8.3	69.3	00:11:41	
886.0	29.8	8.3	69.5	00:11:42	
887.0	29.8	8.3	69.4	00:11:43	
888.0	29.8	8.3	69.4	00:11:44	
889.0	29.6	8.3	69.6	00:11:44	
890.0	30.0	8.3	69.2	00:11:45	
891.0	29.9	8.3	69.2	00:11:46	
892.0	30.1	8.3	68.9	00:11:47	
893.0	30.1	8.3	69.1	00:11:48	
894.0	30.2	8.3	68.8	00:11:49	
895.0	30.5	8.3	68.5	00:11:50	
896.0	30.4	8.3	68.6	00:11:50	
897.0	30.4	8.3	68.4	00:11:51	
898.0	30.3	8.3	68.7	00:11:52	
899.0	30.2	8.3	68.9	00:11:53	
900.0	30.1	8.3	69.0	00:11:54	
901.0	30.2	8.3	68.8	00:11:55	
902.0	30.0	8.3	69.1	00:11:56	
903.0	29.9	8.3	69.2	00:11:57	
904.0	30.0	8.3	69.1	00:11:58	
905.0	30.1	8.3	69.1	00:11:58	
906.0	30.2	8.3	68.8	00:11:59	
907.0	30.0	8.3	69.2	00:12:00	
908.0	30.1	8.3	68.9	00:12:01	
909.0	30.1	8.3	69.1	00:12:02	
910.0	30.1	8.3	69.0	00:12:03	
911.0	30.2	8.3	69.0	00:12:04	
912.0	30.0	8.3	69.2	00:12:05	
913.0	30.1	8.4	69.0	00:12:05	
914.0	30.0	8.5	69.0	00:12:06	
915.0	30.2	8.5	68.8	00:12:07	
916.0	30.0	8.5	69.3	00:12:08	
917.0	29.8	8.6	69.2	00:12:09	
918.0	30.0	8.6	69.2	00:12:10	
919.0	30.1	8.6	69.0	00:12:11	
920.0	29.9	8.6	69.3	00:12:11	
921.0	30.0	8.6	69.2	00:12:12	
922.0	30.0	8.6	69.1	00:12:13	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
923.0	30.1	8.6	69.0	00:12:14	
924.0	30.2	8.6	68.9	00:12:15	
925.0	30.3	8.6	68.7	00:12:16	
926.0	30.5	8.5	68.4	00:12:17	
927.0	30.5	8.6	68.5	00:12:18	
928.0	30.5	8.6	68.3	00:12:18	
929.0	30.4	8.6	68.6	00:12:19	
930.0	30.2	8.6	68.8	00:12:20	
931.0	30.2	8.6	68.7	00:12:21	
932.0	30.3	8.6	68.8	00:12:22	
933.0	30.1	8.6	69.0	00:12:23	
934.0	30.2	8.6	68.9	00:12:24	
935.0	30.0	8.6	69.1	00:12:24	
936.0	30.1	8.6	69.0	00:12:25	
937.0	30.1	8.6	69.0	00:12:26	
938.0	30.0	8.6	69.1	00:12:27	
939.0	30.0	8.6	69.1	00:12:28	
940.0	30.1	8.6	69.0	00:12:29	
941.0	30.1	8.7	69.0	00:12:30	
942.0	30.1	8.8	68.9	00:12:31	
943.0	29.9	8.8	69.4	00:12:31	
944.0	30.0	8.8	69.3	00:12:32	
945.0	30.0	8.8	69.1	00:12:33	
946.0	30.1	8.8	68.9	00:12:34	
947.0	30.1	8.8	69.0	00:12:35	
948.0	30.0	8.8	69.2	00:12:36	
949.0	30.0	8.8	69.1	00:12:37	
950.0	30.3	8.8	68.8	00:12:38	
951.0	30.1	8.8	68.9	00:12:38	
952.0	30.2	8.8	68.7	00:12:39	
953.0	30.1	8.8	69.0	00:12:40	
954.0	30.3	8.8	68.7	00:12:41	
955.0	30.4	8.8	68.5	00:12:42	
956.0	30.2	8.8	68.7	00:12:43	
957.0	30.3	8.8	68.6	00:12:44	
958.0	30.2	8.8	68.7	00:12:45	
959.0	30.3	8.8	68.7	00:12:45	
960.0	30.3	8.8	68.7	00:12:46	
961.0	30.3	8.8	68.7	00:12:47	
962.0	30.4	8.8	68.6	00:12:48	
963.0	30.4	8.8	68.6	00:12:49	
964.0	30.5	8.8	68.3	00:12:50	
965.0	30.4	8.8	68.4	00:12:51	
966.0	30.4	8.8	68.6	00:12:51	
967.0	30.4	8.8	68.4	00:12:52	
968.0	30.5	8.8	68.4	00:12:53	
969.0	30.4	8.8	68.5	00:12:54	
970.0	30.5	8.8	68.4	00:12:55	
971.0	30.5	8.8	68.4	00:12:56	
972.0	30.6	8.8	68.2	00:12:57	
973.0	30.6	8.8	68.1	00:12:58	
974.0	30.6	8.8	68.3	00:12:59	
975.0	30.6	8.8	68.3	00:12:59	
976.0	30.6	8.8	68.2	00:13:00	
977.0	30.7	8.8	68.2	00:13:01	
978.0	30.7	8.8	67.9	00:13:02	
979.0	30.6	8.8	68.1	00:13:03	
980.0	30.7	8.8	68.0	00:13:04	
981.0	30.9	8.8	67.8	00:13:05	
982.0	30.8	8.8	67.9	00:13:06	
983.0	30.8	8.8	68.0	00:13:06	
984.0	30.7	8.8	68.1	00:13:07	
985.0	30.8	8.9	67.9	00:13:08	
986.0	30.7	9.0	68.0	00:13:09	
987.0	30.6	9.0	68.2	00:13:10	
988.0	30.5	9.0	68.3	00:13:11	
989.0	30.5	9.0	68.4	00:13:12	
990.0	30.5	9.0	68.4	00:13:13	
991.0	30.6	9.0	68.2	00:13:13	
992.0	30.5	9.1	68.4	00:13:14	
993.0	30.5	9.2	68.3	00:13:15	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
994.0	30.5	9.3	68.5	00:13:16	
995.0	30.5	9.3	68.4	00:13:17	
996.0	30.5	9.3	68.2	00:13:18	
997.0	30.5	9.3	68.3	00:13:19	
998.0	30.6	9.3	68.1	00:13:20	
999.0	30.8	9.3	68.0	00:13:21	
1000.0	30.9	9.3	67.8	00:13:21	
1001.0	30.8	9.3	67.9	00:13:22	
1002.0	30.6	9.3	68.2	00:13:23	
1003.0	30.8	9.3	67.9	00:13:24	
1004.0	30.8	9.3	68.1	00:13:25	
1005.0	30.6	9.3	68.2	00:13:26	
1006.0	30.6	9.3	68.2	00:13:27	
1007.0	30.7	9.3	68.1	00:13:28	
1008.0	30.7	9.3	68.2	00:13:29	
1009.0	30.8	9.3	67.9	00:13:29	
1010.0	30.7	9.3	68.2	00:13:30	
1011.0	30.6	9.3	68.1	00:13:31	
1012.0	30.6	9.3	68.2	00:13:32	
1013.0	30.7	9.3	68.2	00:13:33	
1014.0	30.5	9.3	68.3	00:13:34	
1015.0	30.6	9.3	68.2	00:13:35	
1016.0	30.6	9.3	68.1	00:13:36	
1017.0	30.6	9.3	68.2	00:13:36	
1018.0	30.8	9.3	67.9	00:13:37	
1019.0	30.6	9.3	68.1	00:13:38	
1020.0	30.8	9.3	67.9	00:13:39	
1021.0	30.9	9.3	67.8	00:13:40	
1022.0	31.2	9.3	67.4	00:13:41	
1023.0	31.0	9.3	67.6	00:13:42	
1024.0	30.7	9.3	67.9	00:13:43	
1025.0	30.9	9.3	67.8	00:13:43	
1026.0	30.9	9.3	67.7	00:13:44	
1027.0	31.2	9.3	67.4	00:13:45	
1028.0	30.8	9.3	67.8	00:13:46	
1029.0	30.8	9.3	67.8	00:13:47	
1030.0	31.0	9.3	67.6	00:13:48	
1031.0	31.1	9.3	67.5	00:13:49	
1032.0	31.1	9.3	67.5	00:13:50	
1033.0	31.0	9.3	67.6	00:13:51	
1034.0	31.1	9.3	67.4	00:13:51	
1035.0	31.2	9.3	67.4	00:13:52	
1036.0	31.1	9.3	67.4	00:13:53	
1037.0	31.2	9.3	67.2	00:13:54	
1038.0	31.1	9.3	67.5	00:13:55	
1039.0	31.2	9.3	67.2	00:13:56	
1040.0	31.3	9.3	67.2	00:13:57	
1041.0	31.3	9.4	67.1	00:13:58	
1042.0	31.2	9.5	67.3	00:13:59	
1043.0	31.2	9.5	67.3	00:14:00	
1044.0	31.2	9.5	67.3	00:14:00	
1045.0	31.1	9.5	67.2	00:14:01	
1046.0	31.3	9.5	67.2	00:14:02	
1047.0	31.3	9.5	67.1	00:14:03	
1048.0	31.3	9.5	67.2	00:14:04	
1049.0	31.4	9.6	67.0	00:14:05	
1050.0	31.3	9.7	67.0	00:14:06	
1051.0	31.3	9.7	67.2	00:14:07	
1052.0	31.4	9.7	67.0	00:14:08	
1053.0	31.6	9.7	66.7	00:14:08	
1054.0	31.6	9.7	66.7	00:14:09	
1055.0	31.6	9.7	66.7	00:14:10	
1056.0	31.4	9.7	66.9	00:14:11	
1057.0	31.4	9.7	66.9	00:14:12	
1058.0	31.5	9.7	66.9	00:14:13	
1059.0	31.6	9.7	66.7	00:14:14	
1060.0	31.6	9.7	66.7	00:14:15	
1061.0	31.5	9.7	66.9	00:14:16	
1062.0	31.7	9.7	66.6	00:14:16	
1063.0	31.7	9.7	66.6	00:14:17	
1064.0	31.6	9.7	66.7	00:14:18	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1065.0	31.7	9.7	66.6	00:14:19	
1066.0	31.9	9.7	66.5	00:14:20	
1067.0	31.7	9.8	66.5	00:14:21	
1068.0	31.9	9.9	66.4	00:14:22	
1069.0	31.7	10.0	66.5	00:14:23	
1070.0	31.8	10.0	66.4	00:14:24	
1071.0	31.8	10.0	66.5	00:14:25	
1072.0	31.8	10.0	66.5	00:14:26	
1073.0	31.8	10.0	66.4	00:14:26	
1074.0	31.8	10.1	66.5	00:14:27	
1075.0	31.7	10.1	66.5	00:14:28	
1076.0	31.7	10.0	66.5	00:14:29	
1077.0	31.7	10.0	66.5	00:14:30	
1078.0	31.8	10.1	66.3	00:14:31	
1079.0	31.9	10.0	66.2	00:14:32	
1080.0	31.9	10.1	66.2	00:14:33	
1081.0	31.9	10.1	66.5	00:14:34	
1082.0	32.0	10.1	66.2	00:14:35	
1083.0	32.0	10.1	66.1	00:14:35	
1084.0	32.0	10.1	66.0	00:14:36	
1085.0	32.2	10.0	65.9	00:14:37	
1086.0	32.1	10.1	65.9	00:14:38	
1087.0	32.0	10.1	66.2	00:14:39	
1088.0	32.0	10.0	66.1	00:14:40	
1089.0	32.1	10.2	65.9	00:14:41	
1090.0	32.2	10.3	65.9	00:14:42	
1091.0	32.2	10.5	65.8	00:14:43	
1092.0	32.2	10.5	65.8	00:14:44	
1093.0	32.3	10.5	65.6	00:14:45	
1094.0	32.5	10.5	65.4	00:14:46	
1095.0	32.4	10.5	65.4	00:14:46	
1096.0	32.6	10.5	65.2	00:14:47	
1097.0	32.4	10.5	65.5	00:14:48	
1098.0	32.3	10.5	65.6	00:14:49	
1099.0	32.5	10.5	65.4	00:14:50	
1100.0	32.5	10.5	65.4	00:14:51	
1101.0	34.9	10.5	61.6	00:14:52	
1102.0	33.3	10.5	64.2	00:14:53	
1103.0	33.2	10.5	64.4	00:14:54	
1104.0	32.7	10.5	65.1	00:14:55	
1105.0	41.9	10.5	49.9	00:14:56	
1106.0	46.3	10.2	43.8	00:14:58	
1107.0	38.6	10.1	57.0	00:14:59	
1108.0	33.6	10.0	63.6	00:15:00	
1109.0	33.6	10.0	63.4	00:15:01	
1110.0	43.9	10.0	46.1	00:15:02	
1111.0	45.4	10.0	45.5	00:15:03	
1112.0	33.3	10.0	56.5	00:15:04	
1113.0	31.5	10.0	56.4	00:15:05	
1114.0	32.1	10.0	55.4	00:15:07	
1115.0	32.1	10.0	56.4	00:15:08	
1116.0	32.5	10.0	56.3	00:15:09	
1117.0	32.2	10.0	56.6	00:15:10	
1118.0	32.7	10.0	56.5	00:15:11	
1119.0	33.2	10.0	57.8	00:15:12	
1120.0	32.9	10.0	58.4	00:15:13	
1121.0	32.7	10.0	58.6	00:15:14	
1122.0	32.7	10.0	58.5	00:15:15	
1123.0	32.7	10.0	58.5	00:15:16	
1124.0	32.6	10.0	58.7	00:15:17	
1125.0	32.6	10.0	58.8	00:15:18	
1126.0	32.6	10.0	58.6	00:15:19	
1127.0	32.6	10.0	58.6	00:15:20	
1128.0	32.7	10.0	58.7	00:15:21	
1129.0	32.6	10.0	58.8	00:15:22	
1130.0	32.7	10.0	58.6	00:15:23	
1131.0	32.6	10.0	58.9	00:15:24	
1132.0	32.5	10.0	58.9	00:15:25	
1133.0	32.2	10.0	59.2	00:15:26	
1134.0	32.5	10.0	59.1	00:15:27	
1135.0	32.9	10.0	59.6	00:15:28	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1136.0	33.1	10.0	59.7	00:15:29	
1137.0	33.0	10.0	59.9	00:15:30	
1138.0	33.0	9.9	60.0	00:15:31	
1139.0	33.1	9.8	59.8	00:15:32	
1140.0	33.3	9.8	59.4	00:15:33	
1141.0	33.4	9.8	59.5	00:15:34	
1142.0	33.3	9.8	59.4	00:15:35	
1143.0	33.3	9.8	59.4	00:15:36	
1144.0	33.5	9.8	59.2	00:15:37	
1145.0	33.4	9.8	59.3	00:15:38	
1146.0	33.6	9.8	58.8	00:15:39	
1147.0	33.5	9.8	59.0	00:15:40	
1148.0	33.7	9.8	58.9	00:15:41	
1149.0	33.6	9.8	58.9	00:15:42	
1150.0	33.6	9.8	59.0	00:15:43	
1151.0	33.6	9.8	59.0	00:15:44	
1152.0	33.7	9.8	58.7	00:15:45	
1153.0	33.8	9.8	58.7	00:15:46	
1154.0	34.0	9.8	58.4	00:15:47	
1155.0	33.9	9.8	58.5	00:15:49	
1156.0	33.9	9.8	58.5	00:15:49	
1157.0	33.9	9.8	58.5	00:15:51	
1158.0	34.1	9.8	58.2	00:15:52	
1159.0	34.0	9.8	58.3	00:15:53	
1160.0	34.1	9.8	58.1	00:15:54	
1161.0	34.1	9.8	58.3	00:15:55	
1162.0	34.0	9.8	58.3	00:15:56	
1163.0	34.3	9.8	57.9	00:15:57	
1164.0	34.2	9.8	58.1	00:15:58	
1165.0	34.3	9.8	57.7	00:15:59	
1166.0	34.4	9.8	57.7	00:16:00	
1167.0	34.4	9.8	57.7	00:16:01	
1168.0	34.6	9.8	57.4	00:16:02	
1169.0	34.6	9.8	57.2	00:16:03	
1170.0	34.5	9.9	57.5	00:16:04	
1171.0	34.4	10.1	57.8	00:16:05	
1172.0	34.1	10.1	58.2	00:16:06	
1173.0	33.9	10.1	58.5	00:16:07	
1174.0	33.5	10.1	59.1	00:16:08	
1175.0	33.4	10.1	59.3	00:16:09	
1176.0	33.2	10.1	59.4	00:16:10	
1177.0	33.3	10.1	59.6	00:16:11	
1178.0	33.3	10.1	59.5	00:16:12	
1179.0	33.2	10.1	59.5	00:16:13	
1180.0	33.3	10.1	59.5	00:16:14	
1181.0	33.2	10.1	59.6	00:16:15	
1182.0	33.2	10.1	59.6	00:16:16	
1183.0	33.2	10.1	59.5	00:16:17	
1184.0	33.1	10.1	59.6	00:16:18	
1185.0	33.2	10.1	59.5	00:16:19	
1186.0	33.3	10.1	59.5	00:16:20	
1187.0	33.2	10.1	59.5	00:16:21	
1188.0	33.3	10.1	59.5	00:16:22	
1189.0	33.3	10.1	59.5	00:16:23	
1190.0	33.3	10.1	59.4	00:16:24	
1191.0	33.3	10.1	59.5	00:16:25	
1192.0	33.5	10.1	59.1	00:16:26	
1193.0	33.4	10.1	59.3	00:16:27	
1194.0	33.4	10.1	59.3	00:16:28	
1195.0	33.2	10.1	59.5	00:16:29	
1196.0	33.5	10.1	59.0	00:16:30	
1197.0	33.4	10.1	59.2	00:16:31	
1198.0	33.5	10.1	59.1	00:16:32	
1199.0	33.5	10.1	59.0	00:16:33	
1200.0	33.3	10.1	59.5	00:16:34	
1201.0	33.5	10.1	59.1	00:16:35	
1202.0	33.4	10.1	59.2	00:16:36	
1203.0	33.5	10.1	59.2	00:16:37	
1204.0	33.4	10.1	59.3	00:16:39	
1205.0	33.5	10.1	59.2	00:16:39	
1206.0	33.4	10.1	59.4	00:16:41	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1207.0	33.4	10.1	59.2	00:16:42	
1208.0	33.5	10.1	59.0	00:16:43	
1209.0	33.5	10.1	59.1	00:16:44	
1210.0	33.7	10.1	58.7	00:16:45	
1211.0	33.7	10.1	58.9	00:16:46	
1212.0	33.7	10.1	58.8	00:16:47	
1213.0	33.8	10.1	58.6	00:16:48	
1214.0	33.7	10.1	58.8	00:16:49	
1215.0	33.7	10.1	58.7	00:16:50	
1216.0	33.8	10.1	58.6	00:16:51	
1217.0	33.8	10.1	58.7	00:16:52	
1218.0	34.0	10.1	58.2	00:16:53	
1219.0	34.1	10.1	58.2	00:16:54	
1220.0	34.1	10.1	58.2	00:16:55	
1221.0	34.1	10.1	58.2	00:16:56	
1222.0	34.2	10.1	58.1	00:16:57	
1223.0	34.2	10.1	58.1	00:16:58	
1224.0	34.2	10.1	58.0	00:16:59	
1225.0	34.2	10.1	58.0	00:17:00	
1226.0	34.4	10.2	57.7	00:17:01	
1227.0	34.2	10.4	57.9	00:17:02	
1228.0	34.2	10.4	58.1	00:17:03	
1229.0	34.0	10.5	58.4	00:17:04	
1230.0	33.5	10.5	59.1	00:17:05	
1231.0	33.4	10.5	59.2	00:17:06	
1232.0	33.5	10.5	59.3	00:17:07	
1233.0	33.4	10.5	59.2	00:17:08	
1234.0	33.5	10.5	58.9	00:17:09	
1235.0	33.4	10.5	59.3	00:17:10	
1236.0	33.4	10.5	59.3	00:17:11	
1237.0	33.4	10.5	59.3	00:17:12	
1238.0	33.2	10.5	59.4	00:17:13	
1239.0	33.3	10.5	59.5	00:17:14	
1240.0	33.2	10.5	59.5	00:17:15	
1241.0	33.1	10.5	59.5	00:17:16	
1242.0	33.4	10.5	59.4	00:17:17	
1243.0	33.3	10.5	59.2	00:17:18	
1244.0	33.4	10.5	59.2	00:17:19	
1245.0	33.3	10.5	59.4	00:17:20	
1246.0	33.3	10.6	59.5	00:17:21	
1247.0	33.3	10.7	59.3	00:17:22	
1248.0	33.2	10.8	59.5	00:17:23	
1249.0	33.1	10.8	59.8	00:17:24	
1250.0	33.0	10.8	59.8	00:17:25	
1251.0	33.3	10.8	59.4	00:17:26	
1252.0	33.2	10.8	59.5	00:17:27	
1253.0	33.3	10.8	59.3	00:17:28	
1254.0	33.2	10.8	59.5	00:17:29	
1255.0	33.4	10.8	59.3	00:17:30	
1256.0	33.5	10.8	59.0	00:17:31	
1257.0	33.6	10.8	59.0	00:17:32	
1258.0	33.4	10.8	59.4	00:17:33	
1259.0	33.2	10.8	59.4	00:17:34	
1260.0	33.4	10.8	59.2	00:17:35	
1261.0	33.5	10.8	59.1	00:17:36	
1262.0	33.5	10.8	59.2	00:17:38	
1263.0	33.8	10.8	58.8	00:17:38	
1264.0	33.5	10.8	59.2	00:17:40	
1265.0	33.7	10.8	58.9	00:17:40	
1266.0	33.3	10.8	59.2	00:17:42	
1267.0	33.6	10.8	58.9	00:17:43	
1268.0	33.5	10.8	59.0	00:17:44	
1269.0	33.5	10.8	59.1	00:17:45	
1270.0	33.7	10.8	58.8	00:17:46	
1271.0	33.5	10.8	59.1	00:17:47	
1272.0	33.5	10.8	59.2	00:17:48	
1273.0	33.6	10.8	58.8	00:17:49	
1274.0	33.6	10.8	59.0	00:17:50	
1275.0	33.7	10.8	58.7	00:17:51	
1276.0	33.6	10.8	58.9	00:17:52	
1277.0	33.8	10.8	58.6	00:17:53	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1278.0	33.8	10.8	58.7	00:17:54	
1279.0	33.9	10.8	58.5	00:17:55	
1280.0	33.9	10.8	58.4	00:17:56	
1281.0	33.9	10.9	58.5	00:17:57	
1282.0	33.7	11.0	58.7	00:17:58	
1283.0	33.9	11.0	58.6	00:17:59	
1284.0	33.8	11.0	58.6	00:18:00	
1285.0	34.0	11.0	58.4	00:18:01	
1286.0	34.0	11.0	58.3	00:18:02	
1287.0	34.1	10.9	58.1	00:18:03	
1288.0	34.2	10.8	58.1	00:18:04	
1289.0	34.4	10.9	57.6	00:18:05	
1290.0	34.1	11.0	58.2	00:18:06	
1291.0	34.1	11.0	58.1	00:18:07	
1292.0	34.0	11.0	58.4	00:18:08	
1293.0	33.9	11.2	58.5	00:18:09	
1294.0	33.8	11.2	58.7	00:18:10	
1295.0	34.1	11.2	58.1	00:18:11	
1296.0	34.3	11.2	57.8	00:18:12	
1297.0	34.0	11.2	58.4	00:18:13	
1298.0	33.9	11.2	58.4	00:18:14	
1299.0	33.9	11.2	58.5	00:18:15	
1300.0	34.0	11.2	58.4	00:18:16	
1301.0	34.0	11.2	58.2	00:18:17	
1302.0	34.0	11.2	58.3	00:18:18	
1303.0	34.1	11.2	58.2	00:18:20	
1304.0	33.9	11.2	58.3	00:18:21	
1305.0	34.2	11.2	58.0	00:18:22	
1306.0	34.1	11.2	58.2	00:18:23	
1307.0	34.2	11.2	57.9	00:18:24	
1308.0	34.3	11.2	57.8	00:18:25	
1309.0	34.2	11.2	58.1	00:18:26	
1310.0	34.2	11.2	57.9	00:18:27	
1311.0	34.3	11.2	57.8	00:18:28	
1312.0	34.4	11.2	57.6	00:18:29	
1313.0	34.3	11.2	57.8	00:18:30	
1314.0	34.4	11.2	57.5	00:18:31	
1315.0	34.4	11.2	57.7	00:18:32	
1316.0	34.4	11.2	57.7	00:18:33	
1317.0	34.2	11.2	57.9	00:18:34	
1318.0	34.4	11.2	57.8	00:18:35	
1319.0	34.3	11.2	57.7	00:18:36	
1320.0	34.4	11.2	57.6	00:18:37	
1321.0	34.4	11.2	57.6	00:18:38	
1322.0	34.5	11.2	57.5	00:18:39	
1323.0	34.3	11.2	57.7	00:18:40	
1324.0	34.3	11.2	57.7	00:18:41	
1325.0	34.6	11.2	57.5	00:18:42	
1326.0	34.6	11.2	57.3	00:18:43	
1327.0	34.4	11.2	57.6	00:18:44	
1328.0	34.4	11.2	57.9	00:18:46	
1329.0	34.4	11.2	57.6	00:18:47	
1330.0	34.7	11.2	57.2	00:18:48	
1331.0	34.8	11.2	57.0	00:18:49	
1332.0	34.6	11.2	57.4	00:18:50	
1333.0	34.7	11.2	57.2	00:18:51	
1334.0	34.5	11.2	57.5	00:18:52	
1335.0	34.7	11.2	57.3	00:18:53	
1336.0	34.7	11.2	57.1	00:18:54	
1337.0	34.8	11.2	57.0	00:18:55	
1338.0	34.7	11.2	57.3	00:18:56	
1339.0	34.7	11.2	57.0	00:18:57	
1340.0	34.8	11.2	57.0	00:18:58	
1341.0	34.7	11.2	57.1	00:18:59	
1342.0	34.9	11.2	56.8	00:19:00	
1343.0	35.0	11.2	56.8	00:19:01	
1344.0	34.9	11.2	56.9	00:19:02	
1345.0	35.0	11.2	56.7	00:19:03	
1346.0	35.0	11.2	56.5	00:19:04	
1347.0	35.1	11.2	56.7	00:19:05	
1348.0	35.0	11.2	56.7	00:19:06	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1349.0	35.1	11.2	56.5	00:19:08	
1350.0	35.1	11.2	56.5	00:19:09	
1351.0	35.0	11.2	56.7	00:19:10	
1352.0	35.0	11.2	56.6	00:19:11	
1353.0	35.1	11.2	56.6	00:19:12	
1354.0	35.2	11.2	56.4	00:19:13	
1355.0	35.0	11.2	56.6	00:19:14	
1356.0	35.3	11.3	56.2	00:19:15	
1357.0	35.2	11.4	56.5	00:19:16	
1358.0	35.0	11.6	56.6	00:19:17	
1359.0	34.7	11.7	57.1	00:19:18	
1360.0	34.7	11.8	57.2	00:19:19	
1361.0	34.7	11.8	57.2	00:19:20	
1362.0	34.8	11.8	57.1	00:19:21	
1363.0	34.9	11.8	56.7	00:19:22	
1364.0	34.9	11.9	56.9	00:19:23	
1365.0	34.8	11.9	57.1	00:19:25	
1366.0	35.0	11.9	56.8	00:19:26	
1367.0	35.0	11.9	56.6	00:19:27	
1368.0	35.0	11.9	56.7	00:19:28	
1369.0	34.9	11.9	56.9	00:19:29	
1370.0	34.7	11.9	57.1	00:19:30	
1371.0	34.8	11.9	57.1	00:19:31	
1372.0	34.7	11.9	57.2	00:19:32	
1373.0	34.7	11.9	57.0	00:19:33	
1374.0	35.0	11.9	56.6	00:19:34	
1375.0	34.7	11.9	57.1	00:19:35	
1376.0	34.8	11.9	57.1	00:19:36	
1377.0	34.9	11.9	56.9	00:19:37	
1378.0	34.9	11.9	56.8	00:19:38	
1379.0	34.7	11.9	57.1	00:19:39	
1380.0	37.2	11.9	52.1	00:19:41	
1381.0	48.9	11.9	32.5	00:19:42	
1382.0	36.8	11.9	40.5	00:19:44	
1383.0	34.1	11.9	37.5	00:19:46	
1384.0	36.1	11.9	34.2	00:19:47	
1385.0	36.7	11.6	33.1	00:19:49	
1386.0	33.8	11.6	39.2	00:19:51	
1387.0	34.0	11.6	38.6	00:19:52	
1388.0	34.6	11.8	37.5	00:19:54	
1389.0	33.4	11.8	39.8	00:19:55	
1390.0	33.7	11.9	39.1	00:19:57	
1391.0	34.0	12.0	38.7	00:19:58	
1392.0	35.0	12.0	35.4	00:20:00	
1393.0	39.1	11.9	28.1	00:20:02	
1394.0	34.5	11.6	37.6	00:20:04	
1395.0	34.2	11.5	37.8	00:20:06	
1396.0	39.2	11.3	26.5	00:20:08	
1397.0	35.3	11.3	35.9	00:20:10	
1398.0	34.7	11.3	37.0	00:20:11	
1399.0	34.9	11.5	36.8	00:20:13	
1400.0	34.6	11.5	37.2	00:20:15	
1401.0	34.6	11.5	37.2	00:20:16	
1402.0	34.6	11.6	37.1	00:20:18	
1403.0	34.2	11.7	37.9	00:20:19	
1404.0	34.1	11.7	38.0	00:20:21	
1405.0	34.3	11.7	37.8	00:20:23	
1406.0	34.1	11.7	38.1	00:20:24	
1407.0	34.1	11.7	38.1	00:20:26	
1408.0	34.0	11.7	38.2	00:20:27	
1409.0	34.1	11.8	38.1	00:20:29	
1410.0	34.1	11.8	38.2	00:20:30	
1411.0	34.1	11.8	38.1	00:20:32	
1412.0	34.0	11.8	38.3	00:20:34	
1413.0	34.0	11.9	38.2	00:20:35	
1414.0	34.4	11.9	37.6	00:20:37	
1415.0	34.1	11.9	38.1	00:20:38	
1416.0	34.1	11.9	38.2	00:20:40	
1417.0	34.1	11.9	38.2	00:20:41	
1418.0	34.3	11.9	37.7	00:20:43	
1419.0	34.4	12.0	37.5	00:20:45	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1420.0	35.4	12.0	35.4	00:20:46	
1421.0	34.7	12.0	36.8	00:20:48	
1422.0	34.4	12.2	37.4	00:20:50	
1423.0	34.9	12.3	36.5	00:20:51	
1424.0	34.7	12.1	37.0	00:20:53	
1425.0	34.6	12.0	36.9	00:20:54	
1426.0	34.7	11.9	37.0	00:20:56	
1427.0	35.7	11.8	34.6	00:20:58	
1428.0	35.3	11.8	35.8	00:20:59	
1429.0	34.8	11.8	36.7	00:21:01	
1430.0	35.0	11.8	36.3	00:21:03	
1431.0	34.8	11.8	36.7	00:21:04	
1432.0	34.8	11.8	36.6	00:21:06	
1433.0	35.0	11.8	36.3	00:21:08	
1434.0	35.1	11.8	36.0	00:21:09	
1435.0	35.1	11.9	36.0	00:21:11	
1436.0	35.2	12.1	35.9	00:21:13	
1437.0	35.1	12.1	36.1	00:21:14	
1438.0	35.0	12.1	36.3	00:21:16	
1439.0	35.8	12.1	38.3	00:21:18	
1440.0	35.4	12.1	40.0	00:21:19	
1441.0	36.0	12.1	40.0	00:21:21	
1442.0	39.1	12.1	32.1	00:21:22	
1443.0	37.0	12.1	28.0	00:21:25	
1444.0	34.6	12.1	32.6	00:21:27	
1445.0	35.4	12.1	34.0	00:21:28	
1446.0	35.0	12.1	34.8	00:21:30	
1447.0	35.1	12.3	34.6	00:21:32	
1448.0	35.0	12.4	34.9	00:21:33	
1449.0	35.1	12.4	34.7	00:21:35	
1450.0	35.3	12.4	34.3	00:21:37	
1451.0	35.3	12.4	34.2	00:21:39	
1452.0	35.4	12.4	33.9	00:21:41	
1453.0	35.6	12.1	33.6	00:21:42	
1454.0	35.6	12.0	33.6	00:21:44	
1455.0	35.5	12.0	33.7	00:21:46	
1456.0	35.6	12.0	33.6	00:21:48	
1457.0	35.3	12.0	34.1	00:21:49	
1458.0	35.5	12.0	33.8	00:21:51	
1459.0	35.5	12.0	33.8	00:21:53	
1460.0	35.6	12.0	33.6	00:21:55	
1461.0	35.6	12.2	33.7	00:21:57	
1462.0	35.5	12.2	33.7	00:21:58	
1463.0	35.4	12.2	34.1	00:22:00	
1464.0	35.3	12.2	34.1	00:22:02	
1465.0	35.5	12.3	33.8	00:22:04	
1466.0	35.7	12.4	33.4	00:22:05	
1467.0	35.6	12.4	33.5	00:22:07	
1468.0	35.5	12.4	33.7	00:22:09	
1469.0	35.6	12.4	33.6	00:22:11	
1470.0	36.2	12.4	34.9	00:22:12	
1471.0	36.2	12.4	35.8	00:22:14	
1472.0	36.3	12.4	35.8	00:22:16	
1473.0	36.6	12.4	36.4	00:22:17	
1474.0	36.7	12.4	37.4	00:22:19	
1475.0	36.8	12.4	37.1	00:22:21	
1476.0	37.0	12.4	36.7	00:22:22	
1477.0	36.9	12.4	36.9	00:22:24	
1478.0	36.4	12.4	38.0	00:22:26	
1479.0	36.6	12.4	37.8	00:22:27	
1480.0	36.8	12.4	37.0	00:22:29	
1481.0	37.7	12.4	35.4	00:22:30	
1482.0	37.6	12.4	35.5	00:22:32	
1483.0	37.5	12.4	35.8	00:22:34	
1484.0	37.7	12.4	35.4	00:22:35	
1485.0	37.6	12.4	35.6	00:22:37	
1486.0	37.5	12.4	35.7	00:22:39	
1487.0	37.3	12.4	36.3	00:22:40	
1488.0	37.3	12.4	37.1	00:22:42	
1489.0	37.6	12.4	36.3	00:22:44	
1490.0	38.2	12.4	35.2	00:22:45	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1491.0	38.2	12.4	35.1	00:22:47	
1492.0	38.3	12.4	34.9	00:22:49	
1493.0	38.3	12.4	35.0	00:22:51	
1494.0	38.1	12.4	35.4	00:22:52	
1495.0	37.8	12.4	36.0	00:22:54	
1496.0	37.7	12.4	36.3	00:22:56	
1497.0	37.6	12.4	36.4	00:22:57	
1498.0	37.7	12.4	36.2	00:22:59	
1499.0	37.9	12.4	35.9	00:23:01	
1500.0	37.7	12.4	36.1	00:23:02	
1501.0	37.4	12.4	36.7	00:23:04	
1502.0	37.7	12.4	36.2	00:23:05	
1503.0	38.0	12.4	35.6	00:23:07	
1504.0	38.2	12.4	35.2	00:23:09	
1505.0	38.3	12.4	34.9	00:23:11	
1506.0	38.3	12.4	35.0	00:23:12	
1507.0	38.0	12.4	35.5	00:23:14	
1508.0	38.1	12.4	35.2	00:23:16	
1509.0	38.4	12.4	34.8	00:23:18	
1510.0	38.2	12.4	35.0	00:23:19	
1511.0	38.1	12.4	35.2	00:23:21	
1512.0	38.2	12.4	35.2	00:23:23	
1513.0	38.3	12.4	34.9	00:23:24	
1514.0	38.3	12.4	35.0	00:23:26	
1515.0	38.2	12.4	35.2	00:23:28	
1516.0	38.3	12.4	34.9	00:23:30	
1517.0	38.4	12.4	34.8	00:23:31	
1518.0	38.3	12.4	35.0	00:23:33	
1519.0	38.4	12.4	34.8	00:23:35	
1520.0	38.5	12.4	34.5	00:23:36	
1521.0	38.5	12.4	34.6	00:23:38	
1522.0	38.5	12.4	34.5	00:23:40	
1523.0	38.7	12.4	34.2	00:23:42	
1524.0	38.7	12.4	34.1	00:23:43	
1525.0	38.5	12.4	34.5	00:23:45	
1526.0	38.6	12.4	34.3	00:23:47	
1527.0	38.6	12.4	34.3	00:23:49	
1528.0	38.6	12.4	34.3	00:23:50	
1529.0	38.7	12.4	34.1	00:23:52	
1530.0	38.6	12.4	34.4	00:23:54	
1531.0	38.6	12.4	34.2	00:23:56	
1532.0	38.6	12.4	34.3	00:23:57	
1533.0	38.7	12.4	34.2	00:23:59	
1534.0	38.5	12.4	34.6	00:24:01	
1535.0	38.4	12.4	34.6	00:24:03	
1536.0	38.3	12.4	34.9	00:24:04	
1537.0	38.2	12.4	35.1	00:24:06	
1538.0	38.4	12.4	34.7	00:24:08	
1539.0	35.6	12.4	32.0	00:24:10	
1540.0	33.7	12.4	20.1	00:24:13	
1540.1	0.6	12.4	1.6	00:24:22	Stop (11:42)