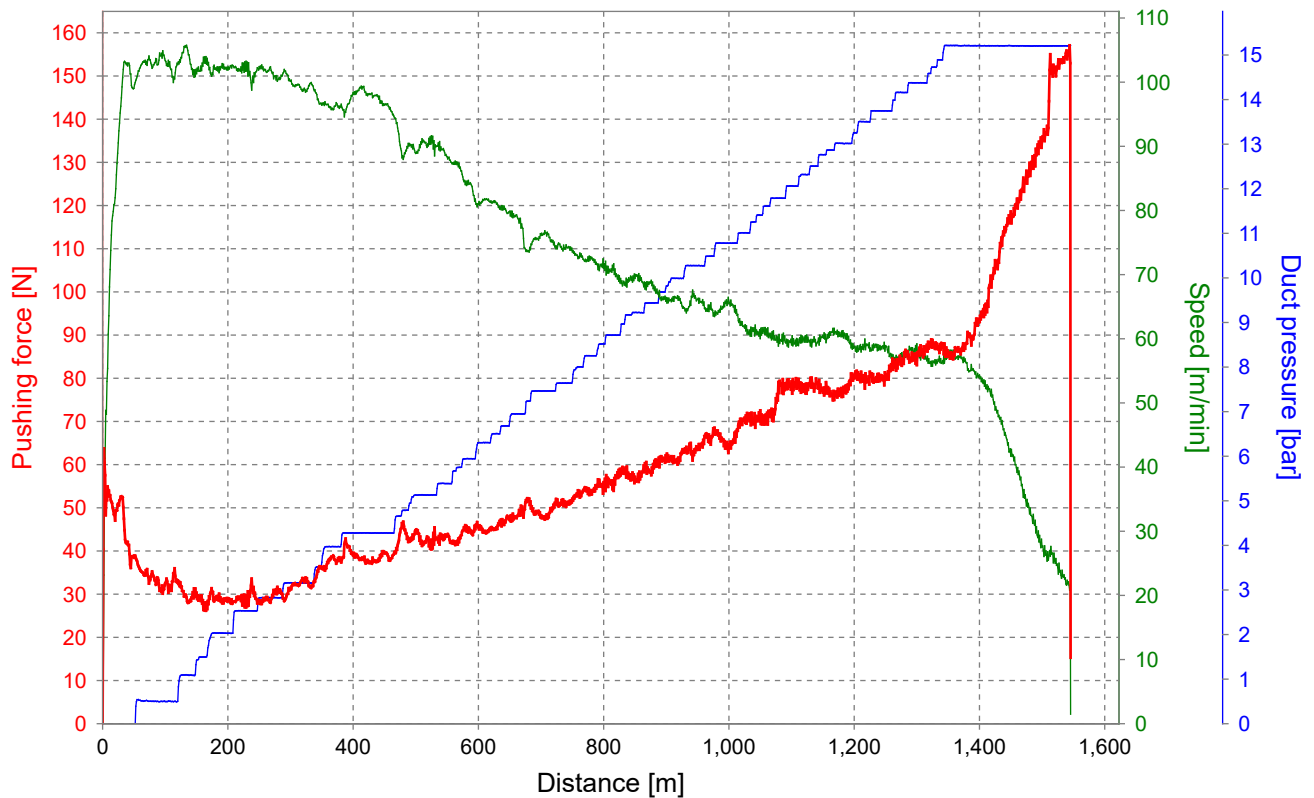


<b>KCEP Kazcentrelectroprovod LLP</b> 1 <A>, Makarenko st. KZ-M22D3A8 Saran, Karaganda region, Kasachstan		<h1>Jetting Report</h1>		<b>KCEP</b>
Project-#	KCEP Cable blowing test	Date: 10/29/19		
Trace Section	V5-96F_D6.5_10x1			
Company name	KCEP	Operator: A. Zoller		
Remarks	Blowing in process successful			
Duct specs		Cable specs		Devices
Manufacturer: Gabocom		Manufacturer: KCEP		Jetting machine: IntelliJet-P02 (SN#122360)
Duct type: 10x1,0 (10/8)		Designation: A-DQ(ZN)2Y 8x12-G652.D-UCF-1036		+ Slipping clutch [ ] + Lubricator [ ]
Duct assy: 3 x 1530 m in 50x4.6		Cable Ø: 6.5 mm	Fiber amount: 96	Lubricant: MicroJetting Lube
Color/marks: 2x Orange		Reel Nb.: 005		Compressor: MK 17
Inner design: Grooved		Metering: Start: 2061 m End: 523 m		+ Oil separator [ X ] + aftercooler [ X ]
Duct temperature: 4 °C		Cable temperature: 10 °C		Cable Tap type: [ X ]
Summary:	Max pushforce: 320 N (Measured by the crashtest)			
Trace distance: 1545.5 m	Weather: 11.5 °C, 70.3 % humidity.		Jetting temperature: 10.8 °C	
Jetting duration: 00:23:36	Operating mode: Recording only		GPS Location: 47.6320°; 8.5794°; 411 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 (08:36)
1545.5	15.3	15.2	1.5	00:23:36	Stop (09:00)

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 (08:36)
1.0	40.4	0.0	5.8	00:00:08	
2.0	63.8	0.0	23.2	00:00:11	
3.0	60.5	0.0	36.7	00:00:12	
4.0	57.5	0.0	41.4	00:00:14	
5.0	48.3	0.0	48.8	00:00:15	
6.0	52.8	0.0	48.2	00:00:16	
7.0	51.8	0.0	53.4	00:00:17	
8.0	54.9	0.0	55.4	00:00:18	
9.0	54.0	0.0	60.7	00:00:19	
10.0	54.0	0.0	63.6	00:00:20	
11.0	52.6	0.0	68.1	00:00:21	
12.0	52.9	0.0	70.8	00:00:22	
13.0	51.8	0.0	73.8	00:00:23	
14.0	51.4	0.0	76.2	00:00:23	
15.0	51.1	0.0	78.4	00:00:24	
16.0	50.1	0.0	79.2	00:00:25	
17.0	49.4	0.0	79.8	00:00:26	
18.0	48.5	0.0	80.9	00:00:26	
19.0	48.3	0.0	81.0	00:00:27	
20.0	47.0	0.0	82.0	00:00:28	
21.0	49.4	0.0	83.4	00:00:29	
22.0	49.3	0.0	85.5	00:00:29	
23.0	49.4	0.0	87.3	00:00:30	
24.0	50.7	0.0	88.9	00:00:31	
25.0	51.0	0.0	90.5	00:00:31	
26.0	50.6	0.0	92.4	00:00:32	
27.0	51.7	0.0	93.6	00:00:33	
28.0	52.0	0.0	95.2	00:00:33	
29.0	52.6	0.0	96.3	00:00:34	
30.0	52.6	0.0	97.6	00:00:35	
31.0	52.4	0.0	99.3	00:00:35	
32.0	52.4	0.0	100.7	00:00:36	
33.0	50.1	0.0	102.0	00:00:36	
34.0	47.5	0.0	103.1	00:00:37	
35.0	44.8	0.0	103.2	00:00:37	
36.0	42.6	0.0	103.1	00:00:38	
37.0	42.0	0.0	102.9	00:00:39	
38.0	42.0	0.0	102.7	00:00:39	
39.0	41.6	0.0	103.0	00:00:40	
40.0	42.1	0.0	102.5	00:00:40	
41.0	41.4	0.0	102.9	00:00:41	
42.0	41.4	0.0	103.0	00:00:42	
43.0	39.3	0.0	102.6	00:00:42	
44.0	36.8	0.0	101.3	00:00:43	
45.0	36.1	0.0	101.3	00:00:43	
46.0	38.5	0.0	99.5	00:00:44	
47.0	38.7	0.0	99.2	00:00:45	
48.0	38.8	0.0	99.0	00:00:45	
49.0	38.8	0.0	99.0	00:00:46	
50.0	38.5	0.0	99.0	00:00:46	
51.0	38.9	0.0	99.6	00:00:47	
52.0	38.9	0.0	99.9	00:00:48	
53.0	38.4	0.4	100.3	00:00:48	
54.0	38.0	0.5	100.5	00:00:49	
55.0	37.7	0.5	100.9	00:00:49	
56.0	37.0	0.5	101.3	00:00:50	
57.0	36.5	0.5	101.8	00:00:51	
58.0	36.3	0.5	101.7	00:00:51	
59.0	35.9	0.5	102.1	00:00:52	
60.0	35.6	0.5	102.3	00:00:52	
61.0	35.3	0.5	102.6	00:00:53	
62.0	35.2	0.5	102.8	00:00:53	
63.0	35.1	0.5	102.9	00:00:54	
64.0	35.0	0.5	103.1	00:00:55	
65.0	34.8	0.5	103.1	00:00:55	
66.0	34.4	0.5	103.3	00:00:56	
67.0	34.6	0.5	103.1	00:00:56	
68.0	34.3	0.5	103.4	00:00:57	
69.0	35.5	0.5	102.8	00:00:58	
70.0	34.9	0.5	103.2	00:00:58	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
71.0	35.8	0.5	102.6	00:00:59	
72.0	34.3	0.5	103.5	00:00:59	
73.0	34.0	0.5	103.5	00:01:00	
74.0	32.5	0.5	104.1	00:01:00	
75.0	33.3	0.5	103.5	00:01:01	
76.0	33.3	0.5	103.5	00:01:02	
77.0	34.1	0.5	103.0	00:01:02	
78.0	34.6	0.5	102.7	00:01:03	
79.0	35.2	0.5	102.2	00:01:03	
80.0	34.6	0.5	102.4	00:01:04	
81.0	34.2	0.5	102.7	00:01:04	
82.0	33.9	0.5	102.7	00:01:05	
83.0	33.3	0.5	103.0	00:01:06	
84.0	33.3	0.5	103.0	00:01:06	
85.0	32.2	0.5	103.7	00:01:07	
86.0	32.3	0.5	103.6	00:01:07	
87.0	33.9	0.5	102.7	00:01:08	
88.0	33.8	0.5	102.7	00:01:09	
89.0	33.3	0.5	102.8	00:01:09	
90.0	32.1	0.5	103.4	00:01:10	
91.0	30.8	0.5	104.5	00:01:10	
92.0	31.4	0.5	104.1	00:01:11	
93.0	31.4	0.5	104.1	00:01:11	
94.0	30.5	0.5	104.5	00:01:12	
95.0	32.0	0.5	103.8	00:01:13	
96.0	30.1	0.5	104.9	00:01:13	
97.0	31.0	0.5	104.2	00:01:14	
98.0	31.1	0.5	104.2	00:01:14	
99.0	32.0	0.5	103.7	00:01:15	
100.0	32.6	0.5	103.4	00:01:15	
101.0	32.7	0.5	103.2	00:01:16	
102.0	33.6	0.5	102.6	00:01:17	
103.0	33.0	0.5	102.9	00:01:17	
104.0	32.2	0.5	102.5	00:01:18	
105.0	30.4	0.5	103.4	00:01:18	
106.0	32.1	0.5	102.5	00:01:19	
107.0	30.8	0.5	103.2	00:01:20	
108.0	32.0	0.5	102.3	00:01:20	
109.0	31.6	0.5	102.0	00:01:21	
110.0	30.8	0.5	102.0	00:01:21	
111.0	32.9	0.5	100.8	00:01:22	
112.0	33.0	0.5	100.9	00:01:23	
113.0	34.8	0.5	99.9	00:01:23	
114.0	34.9	0.5	100.8	00:01:24	
115.0	36.0	0.5	100.5	00:01:24	
116.0	34.2	0.5	101.5	00:01:25	
117.0	33.0	0.5	102.3	00:01:26	
118.0	33.3	0.5	102.5	00:01:26	
119.0	32.7	0.5	103.0	00:01:27	
120.0	33.2	0.5	102.7	00:01:27	
121.0	32.4	0.8	103.2	00:01:28	
122.0	32.9	1.0	102.9	00:01:28	
123.0	31.9	1.0	103.5	00:01:29	
124.0	32.7	1.1	103.1	00:01:30	
125.0	31.6	1.1	103.8	00:01:30	
126.0	31.8	1.1	103.8	00:01:31	
127.0	30.8	1.1	104.6	00:01:31	
128.0	30.7	1.1	104.6	00:01:32	
129.0	30.7	1.1	104.6	00:01:33	
130.0	29.5	1.1	105.5	00:01:33	
131.0	29.8	1.1	105.4	00:01:34	
132.0	29.5	1.1	105.7	00:01:34	
133.0	29.8	1.1	105.5	00:01:35	
134.0	29.2	1.1	105.7	00:01:35	
135.0	28.3	1.1	105.4	00:01:36	
136.0	28.0	1.1	104.9	00:01:36	
137.0	28.3	1.1	104.3	00:01:37	
138.0	28.1	1.1	104.2	00:01:38	
139.0	28.5	1.1	103.6	00:01:38	
140.0	28.7	1.1	102.8	00:01:39	
141.0	28.4	1.1	102.8	00:01:39	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
142.0	29.2	1.1	102.0	00:01:40	
143.0	29.3	1.1	102.1	00:01:41	
144.0	30.4	1.1	101.2	00:01:41	
145.0	29.1	1.1	101.9	00:01:42	
146.0	31.3	1.1	100.8	00:01:42	
147.0	29.5	1.1	101.9	00:01:43	
148.0	31.3	1.1	100.9	00:01:44	
149.0	29.4	1.3	102.0	00:01:44	
150.0	30.3	1.4	101.3	00:01:45	
151.0	28.9	1.4	102.2	00:01:45	
152.0	29.7	1.4	101.7	00:01:46	
153.0	28.5	1.4	102.3	00:01:46	
154.0	29.5	1.5	101.7	00:01:47	
155.0	29.5	1.5	101.8	00:01:48	
156.0	29.6	1.5	101.7	00:01:48	
157.0	28.4	1.5	102.5	00:01:49	
158.0	29.7	1.5	101.8	00:01:49	
159.0	27.8	1.5	103.0	00:01:50	
160.0	28.6	1.5	102.5	00:01:51	
161.0	26.4	1.5	103.9	00:01:51	
162.0	28.0	1.5	103.0	00:01:52	
163.0	26.2	1.5	103.9	00:01:52	
164.0	28.1	1.5	102.9	00:01:53	
165.0	26.2	1.5	104.0	00:01:53	
166.0	28.0	1.5	102.8	00:01:54	
167.0	26.6	1.5	103.7	00:01:55	
168.0	28.4	1.7	102.7	00:01:55	
169.0	27.7	1.8	103.1	00:01:56	
170.0	29.5	1.9	101.9	00:01:56	
171.0	28.9	1.9	102.3	00:01:57	
172.0	30.3	1.9	101.4	00:01:58	
173.0	30.6	2.0	101.2	00:01:58	
174.0	31.4	2.0	100.9	00:01:59	
175.0	30.3	2.0	101.5	00:01:59	
176.0	30.5	2.0	101.2	00:02:00	
177.0	28.6	2.0	102.4	00:02:01	
178.0	28.3	2.0	102.6	00:02:01	
179.0	29.2	2.0	102.0	00:02:02	
180.0	29.2	2.0	102.0	00:02:02	
181.0	28.8	2.0	102.2	00:02:03	
182.0	29.5	2.0	101.9	00:02:03	
183.0	28.7	2.0	102.4	00:02:04	
184.0	29.6	2.0	101.8	00:02:05	
185.0	28.6	2.0	102.3	00:02:05	
186.0	30.1	2.0	101.5	00:02:06	
187.0	28.5	2.0	102.4	00:02:06	
188.0	29.3	2.0	101.9	00:02:07	
189.0	28.2	2.0	102.4	00:02:08	
190.0	28.8	2.0	102.3	00:02:08	
191.0	27.9	2.0	102.9	00:02:09	
192.0	28.8	2.0	102.2	00:02:09	
193.0	27.9	2.0	102.8	00:02:10	
194.0	28.9	2.0	102.0	00:02:10	
195.0	28.5	2.0	102.3	00:02:11	
196.0	28.9	2.0	102.1	00:02:12	
197.0	28.6	2.0	102.3	00:02:12	
198.0	29.1	2.0	101.9	00:02:13	
199.0	28.3	2.0	102.3	00:02:14	
200.0	29.1	2.0	101.9	00:02:14	
201.0	28.4	2.0	102.3	00:02:15	
202.0	28.9	2.0	102.0	00:02:15	
203.0	28.6	2.0	102.3	00:02:16	
204.0	28.0	2.0	102.5	00:02:16	
205.0	27.9	2.0	102.6	00:02:17	
206.0	28.8	2.0	102.2	00:02:18	
207.0	27.8	2.0	102.6	00:02:18	
208.0	28.1	2.0	102.6	00:02:19	
209.0	28.2	2.3	102.5	00:02:19	
210.0	28.3	2.5	102.3	00:02:20	
211.0	28.3	2.5	102.3	00:02:21	
212.0	28.2	2.5	102.4	00:02:21	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
213.0	28.4	2.5	102.3	00:02:22	
214.0	29.3	2.5	101.8	00:02:22	
215.0	28.8	2.5	102.1	00:02:23	
216.0	29.4	2.5	101.7	00:02:23	
217.0	28.9	2.5	102.1	00:02:24	
218.0	29.2	2.5	101.8	00:02:25	
219.0	29.0	2.5	102.0	00:02:25	
220.0	29.4	2.5	101.7	00:02:26	
221.0	28.4	2.5	102.4	00:02:26	
222.0	29.8	2.5	101.5	00:02:27	
223.0	27.4	2.5	103.0	00:02:28	
224.0	29.3	2.5	101.9	00:02:28	
225.0	27.4	2.5	102.9	00:02:29	
226.0	29.9	2.5	101.5	00:02:29	
227.0	27.0	2.5	103.2	00:02:30	
228.0	29.6	2.5	101.7	00:02:31	
229.0	26.9	2.5	103.3	00:02:31	
230.0	29.7	2.5	101.7	00:02:32	
231.0	27.3	2.5	103.1	00:02:32	
232.0	30.7	2.5	101.0	00:02:33	
233.0	27.4	2.5	103.0	00:02:33	
234.0	30.5	2.5	101.0	00:02:34	
235.0	29.4	2.5	101.7	00:02:35	
236.0	30.8	2.5	100.8	00:02:35	
237.0	32.1	2.5	99.9	00:02:36	
238.0	33.6	2.5	98.8	00:02:36	
239.0	31.3	2.5	100.2	00:02:37	
240.0	30.3	2.5	100.9	00:02:38	
241.0	31.6	2.5	99.9	00:02:38	
242.0	29.6	2.5	101.5	00:02:39	
243.0	30.3	2.5	100.8	00:02:39	
244.0	29.0	2.5	101.5	00:02:40	
245.0	29.0	2.5	101.6	00:02:41	
246.0	28.8	2.5	101.8	00:02:41	
247.0	27.9	2.5	102.2	00:02:42	
248.0	28.3	2.7	102.1	00:02:42	
249.0	28.6	2.8	101.9	00:02:43	
250.0	28.0	2.8	102.4	00:02:44	
251.0	28.4	2.8	102.1	00:02:44	
252.0	27.8	2.8	102.5	00:02:45	
253.0	28.5	2.8	102.2	00:02:45	
254.0	27.7	2.8	102.7	00:02:46	
255.0	28.5	2.8	102.1	00:02:46	
256.0	28.3	2.8	102.4	00:02:47	
257.0	29.0	2.8	101.8	00:02:48	
258.0	28.6	2.8	101.9	00:02:48	
259.0	28.8	2.8	102.0	00:02:49	
260.0	28.7	2.8	101.9	00:02:49	
261.0	29.3	2.8	101.6	00:02:50	
262.0	29.2	2.8	101.5	00:02:51	
263.0	29.3	2.8	101.6	00:02:51	
264.0	28.7	2.8	101.8	00:02:52	
265.0	28.8	2.8	101.8	00:02:52	
266.0	28.6	2.8	102.0	00:02:53	
267.0	28.1	2.8	102.3	00:02:53	
268.0	28.0	2.8	102.4	00:02:54	
269.0	28.8	2.8	101.8	00:02:55	
270.0	29.1	2.8	101.6	00:02:55	
271.0	29.8	2.8	101.3	00:02:56	
272.0	29.6	2.8	101.5	00:02:56	
273.0	31.0	2.8	100.5	00:02:57	
274.0	30.1	2.8	100.9	00:02:58	
275.0	30.3	2.8	100.9	00:02:58	
276.0	30.2	2.8	101.0	00:02:59	
277.0	31.1	2.8	100.4	00:02:59	
278.0	30.0	2.8	101.0	00:03:00	
279.0	31.7	2.8	100.1	00:03:01	
280.0	31.1	2.8	100.4	00:03:01	
281.0	31.0	2.8	100.5	00:03:02	
282.0	30.4	2.8	100.7	00:03:02	
283.0	31.1	2.8	100.4	00:03:03	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
284.0	30.7	2.8	100.6	00:03:04	
285.0	30.2	2.8	101.1	00:03:04	
286.0	30.2	2.8	100.9	00:03:05	
287.0	30.0	2.9	101.0	00:03:05	
288.0	29.0	3.0	101.4	00:03:06	
289.0	29.0	3.1	101.5	00:03:07	
290.0	28.4	3.2	102.0	00:03:07	
291.0	28.6	3.2	101.7	00:03:08	
292.0	28.9	3.2	101.7	00:03:08	
293.0	29.3	3.2	101.4	00:03:09	
294.0	29.8	3.2	101.3	00:03:10	
295.0	30.1	3.2	101.1	00:03:10	
296.0	30.1	3.2	101.1	00:03:11	
297.0	31.4	3.2	100.3	00:03:11	
298.0	30.8	3.2	100.5	00:03:12	
299.0	31.4	3.2	100.2	00:03:13	
300.0	31.2	3.2	100.2	00:03:13	
301.0	31.2	3.2	100.3	00:03:14	
302.0	31.9	3.2	99.7	00:03:14	
303.0	32.1	3.2	99.7	00:03:15	
304.0	32.3	3.2	99.4	00:03:16	
305.0	32.2	3.2	99.5	00:03:16	
306.0	32.4	3.2	99.4	00:03:17	
307.0	32.5	3.2	99.3	00:03:17	
308.0	32.2	3.2	99.6	00:03:18	
309.0	32.2	3.2	99.5	00:03:19	
310.0	32.1	3.2	99.6	00:03:19	
311.0	32.1	3.2	99.6	00:03:20	
312.0	32.2	3.2	99.7	00:03:20	
313.0	32.0	3.2	99.6	00:03:21	
314.0	32.1	3.2	99.6	00:03:22	
315.0	32.4	3.2	99.2	00:03:22	
316.0	32.7	3.2	99.2	00:03:23	
317.0	33.0	3.2	98.9	00:03:23	
318.0	33.2	3.2	98.8	00:03:24	
319.0	33.7	3.2	98.6	00:03:25	
320.0	33.2	3.2	98.9	00:03:25	
321.0	33.5	3.2	98.7	00:03:26	
322.0	32.8	3.2	99.0	00:03:26	
323.0	33.3	3.2	98.8	00:03:27	
324.0	33.8	3.2	98.4	00:03:28	
325.0	33.3	3.2	98.7	00:03:28	
326.0	33.7	3.2	98.6	00:03:29	
327.0	32.7	3.2	98.9	00:03:29	
328.0	32.9	3.2	99.0	00:03:30	
329.0	31.9	3.2	99.5	00:03:31	
330.0	32.0	3.2	99.4	00:03:31	
331.0	31.7	3.2	99.8	00:03:32	
332.0	31.6	3.2	99.8	00:03:32	
333.0	31.5	3.2	99.9	00:03:33	
334.0	32.0	3.2	99.7	00:03:34	
335.0	32.0	3.2	99.5	00:03:34	
336.0	31.9	3.2	99.4	00:03:35	
337.0	32.8	3.2	98.9	00:03:35	
338.0	33.1	3.4	98.7	00:03:36	
339.0	32.9	3.5	98.8	00:03:37	
340.0	33.6	3.5	98.4	00:03:37	
341.0	33.8	3.5	98.3	00:03:38	
342.0	34.5	3.5	98.1	00:03:39	
343.0	35.4	3.5	97.3	00:03:39	
344.0	35.2	3.5	97.4	00:03:40	
345.0	36.0	3.5	96.9	00:03:40	
346.0	36.4	3.5	96.6	00:03:41	
347.0	36.2	3.5	96.6	00:03:42	
348.0	36.4	3.5	96.7	00:03:42	
349.0	36.0	3.5	96.7	00:03:43	
350.0	36.3	3.6	96.4	00:03:43	
351.0	35.9	3.8	96.7	00:03:44	
352.0	36.2	3.8	96.6	00:03:45	
353.0	35.8	3.9	96.8	00:03:45	
354.0	36.4	3.9	96.4	00:03:46	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
355.0	35.5	4.0	96.9	00:03:47	
356.0	36.1	4.0	96.6	00:03:47	
357.0	36.0	4.0	96.5	00:03:48	
358.0	36.9	4.0	96.5	00:03:48	
359.0	37.5	4.0	96.5	00:03:49	
360.0	37.3	4.0	96.5	00:03:50	
361.0	38.0	4.0	96.1	00:03:50	
362.0	37.8	4.0	96.2	00:03:51	
363.0	38.3	4.0	96.0	00:03:52	
364.0	38.1	4.0	96.1	00:03:52	
365.0	38.6	4.0	95.7	00:03:53	
366.0	38.6	4.0	95.9	00:03:54	
367.0	38.6	4.0	95.9	00:03:54	
368.0	38.9	4.0	95.7	00:03:55	
369.0	38.7	4.0	95.8	00:03:55	
370.0	38.0	4.0	96.2	00:03:56	
371.0	37.9	4.0	96.3	00:03:57	
372.0	37.8	4.0	96.3	00:03:57	
373.0	37.1	4.0	96.8	00:03:58	
374.0	37.5	4.0	96.6	00:03:59	
375.0	37.8	4.0	96.4	00:03:59	
376.0	38.3	4.0	96.1	00:04:00	
377.0	37.7	4.0	96.2	00:04:00	
378.0	38.5	4.0	95.9	00:04:01	
379.0	38.1	4.0	96.3	00:04:02	
380.0	37.9	4.0	96.1	00:04:02	
381.0	37.4	4.0	96.6	00:04:03	
382.0	38.0	4.2	96.1	00:04:04	
383.0	38.5	4.3	95.8	00:04:04	
384.0	38.6	4.3	95.6	00:04:05	
385.0	38.6	4.3	95.7	00:04:05	
386.0	41.6	4.3	94.6	00:04:06	
387.0	42.2	4.3	95.5	00:04:07	
388.0	42.9	4.3	95.3	00:04:07	
389.0	41.7	4.3	95.8	00:04:08	
390.0	41.5	4.3	96.1	00:04:09	
391.0	40.9	4.3	96.5	00:04:09	
392.0	41.0	4.3	96.6	00:04:10	
393.0	41.1	4.3	96.6	00:04:10	
394.0	41.0	4.3	96.8	00:04:11	
395.0	40.1	4.3	97.2	00:04:12	
396.0	40.1	4.3	97.4	00:04:12	
397.0	39.4	4.3	97.9	00:04:13	
398.0	39.6	4.3	97.8	00:04:13	
399.0	39.3	4.3	98.1	00:04:14	
400.0	39.0	4.3	98.4	00:04:15	
401.0	39.5	4.3	98.1	00:04:15	
402.0	38.5	4.3	98.5	00:04:16	
403.0	39.3	4.3	98.1	00:04:17	
404.0	38.6	4.3	98.6	00:04:17	
405.0	39.2	4.3	98.2	00:04:18	
406.0	38.8	4.3	98.6	00:04:18	
407.0	38.9	4.3	98.5	00:04:19	
408.0	38.5	4.3	98.7	00:04:20	
409.0	38.3	4.3	98.7	00:04:20	
410.0	38.0	4.3	99.0	00:04:21	
411.0	38.2	4.3	99.2	00:04:21	
412.0	38.2	4.3	99.1	00:04:22	
413.0	38.0	4.3	99.4	00:04:23	
414.0	38.4	4.3	98.9	00:04:23	
415.0	38.2	4.3	99.3	00:04:24	
416.0	38.4	4.3	99.2	00:04:24	
417.0	38.0	4.3	99.3	00:04:25	
418.0	38.7	4.3	98.7	00:04:26	
419.0	37.5	4.3	98.4	00:04:26	
420.0	37.1	4.3	98.4	00:04:27	
421.0	37.7	4.3	98.0	00:04:27	
422.0	37.5	4.3	98.2	00:04:28	
423.0	37.9	4.3	97.9	00:04:29	
424.0	37.3	4.3	98.2	00:04:29	
425.0	37.6	4.3	98.1	00:04:30	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
426.0	37.2	4.3	98.2	00:04:30	
427.0	37.4	4.3	98.1	00:04:31	
428.0	37.5	4.3	98.1	00:04:32	
429.0	37.2	4.3	98.2	00:04:32	
430.0	37.1	4.3	98.3	00:04:33	
431.0	38.4	4.3	97.6	00:04:34	
432.0	37.9	4.3	97.7	00:04:34	
433.0	37.6	4.3	97.9	00:04:35	
434.0	37.8	4.3	97.9	00:04:35	
435.0	37.7	4.3	98.0	00:04:36	
436.0	37.7	4.3	97.9	00:04:37	
437.0	37.5	4.3	97.9	00:04:37	
438.0	37.5	4.3	98.0	00:04:38	
439.0	37.8	4.3	97.8	00:04:38	
440.0	37.6	4.3	97.8	00:04:39	
441.0	38.2	4.3	97.3	00:04:40	
442.0	37.8	4.3	97.8	00:04:40	
443.0	39.0	4.3	96.7	00:04:41	
444.0	38.6	4.3	97.1	00:04:42	
445.0	39.3	4.3	96.7	00:04:42	
446.0	38.9	4.3	97.0	00:04:43	
447.0	39.9	4.3	96.4	00:04:43	
448.0	39.5	4.3	96.6	00:04:44	
449.0	39.9	4.3	96.4	00:04:45	
450.0	39.6	4.3	96.5	00:04:45	
451.0	39.5	4.3	96.6	00:04:46	
452.0	39.6	4.3	96.5	00:04:46	
453.0	39.6	4.3	96.5	00:04:47	
454.0	39.4	4.3	96.6	00:04:48	
455.0	39.0	4.3	96.6	00:04:48	
456.0	38.7	4.3	96.3	00:04:49	
457.0	37.8	4.3	96.2	00:04:50	
458.0	38.2	4.3	95.8	00:04:50	
459.0	37.8	4.3	96.0	00:04:51	
460.0	38.2	4.3	95.6	00:04:52	
461.0	38.3	4.3	95.4	00:04:52	
462.0	38.4	4.3	95.4	00:04:53	
463.0	38.9	4.3	94.9	00:04:53	
464.0	39.1	4.3	95.0	00:04:54	
465.0	39.2	4.3	94.7	00:04:55	
466.0	39.8	4.4	94.4	00:04:55	
467.0	39.7	4.6	94.4	00:04:56	
468.0	39.5	4.6	94.3	00:04:57	
469.0	40.7	4.7	93.6	00:04:57	
470.0	40.3	4.7	93.7	00:04:58	
471.0	41.3	4.7	92.9	00:04:59	
472.0	41.9	4.7	92.3	00:04:59	
473.0	42.4	4.7	91.9	00:05:00	
474.0	43.7	4.7	90.8	00:05:01	
475.0	44.3	4.7	90.2	00:05:01	
476.0	45.1	4.7	89.6	00:05:02	
477.0	45.2	4.7	89.3	00:05:03	
478.0	46.4	4.8	88.2	00:05:03	
479.0	45.8	4.8	88.5	00:05:04	
480.0	46.8	4.8	88.0	00:05:05	
481.0	45.8	4.8	88.4	00:05:05	
482.0	44.9	4.8	89.0	00:05:06	
483.0	44.9	4.8	88.9	00:05:07	
484.0	44.0	4.8	89.4	00:05:07	
485.0	44.1	4.8	89.3	00:05:08	
486.0	42.8	4.8	90.0	00:05:09	
487.0	43.3	4.8	89.8	00:05:09	
488.0	42.1	4.8	90.4	00:05:10	
489.0	42.8	4.9	90.0	00:05:11	
490.0	42.2	4.9	90.4	00:05:11	
491.0	42.8	4.9	90.1	00:05:12	
492.0	42.4	5.0	90.3	00:05:13	
493.0	43.1	5.0	89.9	00:05:13	
494.0	42.6	5.1	90.3	00:05:14	
495.0	43.8	5.1	89.6	00:05:15	
496.0	42.9	5.1	90.3	00:05:15	



Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
497.0	43.7	5.1	89.7	00:05:16	
498.0	43.9	5.1	89.4	00:05:17	
499.0	44.7	5.1	89.0	00:05:17	
500.0	44.9	5.1	88.9	00:05:18	
501.0	45.0	5.1	88.9	00:05:19	
502.0	44.1	5.1	89.2	00:05:19	
503.0	44.8	5.1	89.0	00:05:20	
504.0	44.1	5.1	89.4	00:05:21	
505.0	44.0	5.1	89.4	00:05:21	
506.0	42.4	5.1	90.2	00:05:22	
507.0	43.3	5.1	89.8	00:05:23	
508.0	41.7	5.1	90.7	00:05:23	
509.0	42.3	5.1	90.4	00:05:24	
510.0	41.2	5.1	91.2	00:05:25	
511.0	42.1	5.1	90.6	00:05:25	
512.0	41.5	5.1	90.9	00:05:26	
513.0	41.8	5.1	90.8	00:05:27	
514.0	41.9	5.1	90.7	00:05:27	
515.0	42.2	5.1	90.5	00:05:28	
516.0	42.0	5.1	90.6	00:05:29	
517.0	42.7	5.1	90.1	00:05:29	
518.0	43.3	5.1	89.8	00:05:30	
519.0	42.5	5.1	90.4	00:05:31	
520.0	43.1	5.1	90.1	00:05:31	
521.0	41.1	5.1	91.2	00:05:32	
522.0	42.4	5.1	90.3	00:05:33	
523.0	40.5	5.1	91.5	00:05:33	
524.0	42.6	5.1	90.3	00:05:34	
525.0	40.4	5.1	91.6	00:05:35	
526.0	42.4	5.1	90.5	00:05:35	
527.0	40.6	5.1	91.6	00:05:36	
528.0	44.2	5.1	89.6	00:05:36	
529.0	41.5	5.1	90.9	00:05:37	
530.0	45.5	5.1	88.5	00:05:38	
531.0	42.6	5.1	90.2	00:05:38	
532.0	43.1	5.1	89.9	00:05:39	
533.0	43.0	5.1	90.0	00:05:40	
534.0	43.0	5.3	90.0	00:05:40	
535.0	42.7	5.4	90.1	00:05:41	
536.0	42.0	5.4	90.5	00:05:42	
537.0	43.5	5.4	89.5	00:05:43	
538.0	41.5	5.4	90.7	00:05:43	
539.0	44.0	5.4	89.3	00:05:44	
540.0	42.8	5.4	89.9	00:05:45	
541.0	43.5	5.4	89.5	00:05:45	
542.0	43.7	5.4	89.5	00:05:46	
543.0	43.6	5.4	89.5	00:05:47	
544.0	42.6	5.4	89.6	00:05:47	
545.0	42.7	5.4	89.3	00:05:48	
546.0	42.9	5.4	89.1	00:05:49	
547.0	43.8	5.4	88.6	00:05:49	
548.0	43.4	5.4	88.7	00:05:50	
549.0	43.4	5.4	88.5	00:05:51	
550.0	43.5	5.4	88.4	00:05:51	
551.0	43.9	5.4	88.0	00:05:52	
552.0	43.6	5.4	88.2	00:05:53	
553.0	43.4	5.4	88.3	00:05:53	
554.0	42.6	5.4	87.8	00:05:54	
555.0	41.9	5.4	87.8	00:05:55	
556.0	41.9	5.4	87.5	00:05:55	
557.0	42.0	5.4	87.5	00:05:56	
558.0	42.3	5.4	87.3	00:05:57	
559.0	41.7	5.7	87.4	00:05:57	
560.0	42.3	5.7	87.2	00:05:58	
561.0	41.8	5.7	87.5	00:05:59	
562.0	42.2	5.7	87.2	00:06:00	
563.0	41.4	5.7	87.7	00:06:00	
564.0	42.1	5.7	87.2	00:06:01	
565.0	41.6	5.7	87.5	00:06:02	
566.0	42.3	5.7	87.1	00:06:02	
567.0	41.5	5.7	87.5	00:06:03	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
568.0	42.9	5.7	86.8	00:06:04	
569.0	42.0	5.7	87.3	00:06:04	
570.0	43.1	5.8	86.6	00:06:05	
571.0	43.0	5.7	86.7	00:06:06	
572.0	43.6	5.8	86.2	00:06:06	
573.0	43.7	5.8	86.2	00:06:07	
574.0	44.5	5.8	85.6	00:06:08	
575.0	44.8	5.9	85.2	00:06:08	
576.0	44.9	5.9	84.8	00:06:09	
577.0	45.5	5.9	84.5	00:06:10	
578.0	45.2	5.9	84.7	00:06:11	
579.0	46.0	5.9	84.0	00:06:11	
580.0	44.6	5.9	84.5	00:06:12	
581.0	45.8	5.9	83.9	00:06:13	
582.0	44.5	5.9	84.6	00:06:13	
583.0	45.4	5.9	84.0	00:06:14	
584.0	44.3	5.9	84.7	00:06:15	
585.0	45.4	5.9	84.1	00:06:16	
586.0	44.9	5.9	84.2	00:06:16	
587.0	44.9	5.9	84.3	00:06:17	
588.0	44.5	5.9	84.1	00:06:18	
589.0	44.0	5.9	83.9	00:06:18	
590.0	43.9	5.9	83.7	00:06:19	
591.0	43.7	5.9	83.0	00:06:20	
592.0	44.6	5.9	82.4	00:06:21	
593.0	44.5	5.9	82.3	00:06:21	
594.0	45.8	5.9	81.4	00:06:22	
595.0	45.0	5.9	81.8	00:06:23	
596.0	46.1	6.1	81.0	00:06:24	
597.0	45.9	6.2	81.1	00:06:24	
598.0	46.7	6.3	80.6	00:06:25	
599.0	45.6	6.3	81.0	00:06:26	
600.0	45.7	6.3	81.0	00:06:27	
601.0	45.0	6.3	81.4	00:06:27	
602.0	45.9	6.3	80.9	00:06:28	
603.0	45.4	6.3	81.2	00:06:29	
604.0	45.7	6.3	81.1	00:06:29	
605.0	44.9	6.3	81.4	00:06:30	
606.0	45.1	6.3	81.3	00:06:31	
607.0	44.3	6.3	81.7	00:06:32	
608.0	44.7	6.3	81.6	00:06:32	
609.0	44.4	6.3	81.7	00:06:33	
610.0	44.3	6.3	81.8	00:06:34	
611.0	44.6	6.3	81.7	00:06:35	
612.0	44.1	6.3	81.7	00:06:35	
613.0	44.2	6.3	81.8	00:06:36	
614.0	44.3	6.3	81.7	00:06:37	
615.0	44.7	6.3	81.6	00:06:38	
616.0	44.5	6.3	81.8	00:06:38	
617.0	44.9	6.3	81.4	00:06:39	
618.0	45.2	6.3	81.4	00:06:40	
619.0	45.3	6.3	81.3	00:06:41	
620.0	44.9	6.4	81.5	00:06:41	
621.0	45.5	6.5	81.2	00:06:42	
622.0	45.2	6.5	81.2	00:06:43	
623.0	45.2	6.5	81.3	00:06:44	
624.0	44.9	6.5	81.4	00:06:44	
625.0	45.1	6.5	81.2	00:06:45	
626.0	45.0	6.5	81.5	00:06:46	
627.0	45.0	6.5	81.4	00:06:46	
628.0	45.3	6.5	81.3	00:06:47	
629.0	45.5	6.5	81.0	00:06:48	
630.0	45.1	6.5	81.1	00:06:49	
631.0	45.9	6.5	80.9	00:06:49	
632.0	46.4	6.5	80.5	00:06:50	
633.0	46.0	6.5	80.6	00:06:51	
634.0	47.0	6.5	80.2	00:06:52	
635.0	46.5	6.6	80.5	00:06:52	
636.0	47.3	6.7	80.1	00:06:53	
637.0	45.7	6.7	80.8	00:06:54	
638.0	47.3	6.7	80.1	00:06:55	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
639.0	46.2	6.7	80.7	00:06:55	
640.0	46.9	6.7	80.1	00:06:56	
641.0	46.1	6.7	80.7	00:06:57	
642.0	47.0	6.7	80.2	00:06:58	
643.0	46.6	6.7	80.3	00:06:58	
644.0	47.2	6.7	80.0	00:06:59	
645.0	47.8	6.7	79.7	00:07:00	
646.0	48.1	6.7	79.5	00:07:01	
647.0	47.8	6.7	79.6	00:07:01	
648.0	47.5	6.7	79.7	00:07:02	
649.0	47.4	6.7	79.8	00:07:03	
650.0	47.2	6.8	79.9	00:07:04	
651.0	48.1	6.9	79.2	00:07:04	
652.0	46.8	6.9	79.9	00:07:05	
653.0	48.3	6.9	79.0	00:07:06	
654.0	47.0	7.0	79.9	00:07:07	
655.0	48.6	7.0	78.9	00:07:07	
656.0	47.4	7.0	79.5	00:07:08	
657.0	48.0	7.0	79.0	00:07:09	
658.0	47.8	6.9	79.2	00:07:10	
659.0	47.9	6.9	79.1	00:07:10	
660.0	47.7	7.0	79.3	00:07:11	
661.0	47.6	7.0	79.3	00:07:12	
662.0	48.1	6.9	79.0	00:07:13	
663.0	48.2	7.0	78.8	00:07:13	
664.0	48.5	7.0	78.6	00:07:14	
665.0	49.5	7.0	78.1	00:07:15	
666.0	48.2	7.0	78.7	00:07:16	
667.0	48.3	6.9	78.8	00:07:17	
668.0	50.5	6.9	77.3	00:07:17	
669.0	49.2	6.9	77.9	00:07:18	
670.0	50.3	6.9	77.3	00:07:19	
671.0	48.5	6.9	77.2	00:07:20	
672.0	47.7	7.0	75.6	00:07:20	
673.0	49.5	6.9	74.2	00:07:21	
674.0	49.7	7.0	74.1	00:07:22	
675.0	51.3	7.0	74.0	00:07:23	
676.0	51.8	7.2	73.6	00:07:24	
677.0	51.4	7.2	73.8	00:07:24	
678.0	52.2	7.2	73.6	00:07:25	
679.0	51.6	7.2	73.7	00:07:26	
680.0	51.8	7.2	73.7	00:07:27	
681.0	52.1	7.2	73.5	00:07:28	
682.0	50.7	7.2	74.2	00:07:29	
683.0	51.5	7.2	73.9	00:07:29	
684.0	49.8	7.4	74.8	00:07:30	
685.0	50.3	7.5	74.7	00:07:31	
686.0	49.3	7.5	75.1	00:07:32	
687.0	49.8	7.5	75.2	00:07:33	
688.0	49.0	7.5	75.5	00:07:33	
689.0	48.5	7.5	75.6	00:07:34	
690.0	48.9	7.5	75.5	00:07:35	
691.0	48.5	7.5	75.8	00:07:36	
692.0	49.2	7.5	75.5	00:07:37	
693.0	48.8	7.5	75.7	00:07:37	
694.0	49.0	7.5	75.6	00:07:38	
695.0	48.9	7.5	75.6	00:07:39	
696.0	49.3	7.5	75.4	00:07:40	
697.0	48.4	7.5	75.9	00:07:41	
698.0	48.9	7.5	75.7	00:07:41	
699.0	47.8	7.5	76.4	00:07:42	
700.0	48.3	7.5	76.1	00:07:43	
701.0	47.6	7.5	76.4	00:07:44	
702.0	48.0	7.5	76.2	00:07:45	
703.0	47.9	7.5	76.2	00:07:45	
704.0	47.6	7.5	76.4	00:07:46	
705.0	47.9	7.5	76.3	00:07:47	
706.0	47.3	7.5	76.8	00:07:48	
707.0	48.0	7.5	76.5	00:07:48	
708.0	47.7	7.5	76.5	00:07:49	
709.0	48.5	7.5	76.0	00:07:50	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
710.0	47.5	7.5	76.6	00:07:51	
711.0	48.0	7.5	76.3	00:07:52	
712.0	47.8	7.5	76.3	00:07:52	
713.0	48.8	7.5	75.8	00:07:53	
714.0	48.9	7.5	75.8	00:07:54	
715.0	49.9	7.5	75.2	00:07:55	
716.0	49.9	7.5	75.1	00:07:56	
717.0	49.2	7.5	75.4	00:07:56	
718.0	49.9	7.5	75.1	00:07:57	
719.0	49.7	7.5	75.3	00:07:58	
720.0	50.7	7.5	74.7	00:07:59	
721.0	50.1	7.5	75.0	00:08:00	
722.0	51.1	7.5	74.3	00:08:00	
723.0	51.1	7.5	74.5	00:08:01	
724.0	52.0	7.6	74.0	00:08:02	
725.0	50.7	7.6	74.4	00:08:03	
726.0	51.9	7.6	74.0	00:08:04	
727.0	50.8	7.6	74.7	00:08:04	
728.0	50.3	7.6	74.9	00:08:05	
729.0	50.6	7.6	74.7	00:08:06	
730.0	50.6	7.6	74.8	00:08:07	
731.0	51.1	7.6	74.3	00:08:08	
732.0	50.7	7.6	74.4	00:08:08	
733.0	51.8	7.6	74.0	00:08:09	
734.0	51.5	7.6	74.1	00:08:10	
735.0	51.9	7.6	73.7	00:08:11	
736.0	50.5	7.6	74.6	00:08:12	
737.0	51.5	7.6	74.0	00:08:12	
738.0	50.9	7.6	74.2	00:08:13	
739.0	51.4	7.6	74.0	00:08:14	
740.0	50.2	7.6	74.6	00:08:15	
741.0	50.9	7.6	74.3	00:08:16	
742.0	51.0	7.6	74.2	00:08:16	
743.0	51.3	7.6	74.2	00:08:17	
744.0	50.8	7.6	74.4	00:08:18	
745.0	50.8	7.6	74.3	00:08:19	
746.0	51.6	7.6	73.8	00:08:20	
747.0	51.0	7.6	74.3	00:08:20	
748.0	51.7	7.6	73.8	00:08:21	
749.0	51.3	7.6	74.1	00:08:22	
750.0	52.1	7.7	73.5	00:08:23	
751.0	51.7	7.8	73.8	00:08:24	
752.0	52.5	7.9	73.3	00:08:25	
753.0	52.2	7.9	73.5	00:08:25	
754.0	52.9	7.9	73.1	00:08:26	
755.0	52.6	7.9	73.3	00:08:27	
756.0	52.9	8.0	73.1	00:08:28	
757.0	53.3	8.0	73.0	00:08:29	
758.0	52.7	8.0	73.0	00:08:30	
759.0	54.0	8.0	72.5	00:08:30	
760.0	53.4	8.0	72.8	00:08:31	
761.0	53.9	8.0	72.6	00:08:32	
762.0	52.4	8.0	73.3	00:08:33	
763.0	53.5	8.0	72.8	00:08:34	
764.0	52.7	8.0	73.2	00:08:34	
765.0	53.4	8.0	72.7	00:08:35	
766.0	53.5	8.0	72.9	00:08:36	
767.0	54.0	8.0	72.4	00:08:37	
768.0	54.2	8.1	72.4	00:08:38	
769.0	54.5	8.2	72.2	00:08:39	
770.0	54.7	8.2	72.1	00:08:39	
771.0	54.0	8.3	72.4	00:08:40	
772.0	54.6	8.3	72.0	00:08:41	
773.0	53.8	8.3	72.3	00:08:42	
774.0	54.5	8.3	72.1	00:08:43	
775.0	53.2	8.3	72.8	00:08:44	
776.0	54.4	8.3	72.1	00:08:44	
777.0	53.0	8.3	72.9	00:08:45	
778.0	54.1	8.3	72.3	00:08:46	
779.0	53.2	8.3	72.8	00:08:47	
780.0	53.5	8.3	72.5	00:08:48	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
781.0	53.1	8.3	72.7	00:08:49	
782.0	54.1	8.3	72.4	00:08:49	
783.0	54.2	8.3	72.2	00:08:50	
784.0	53.8	8.3	72.4	00:08:51	
785.0	54.5	8.3	71.9	00:08:52	
786.0	53.8	8.3	72.3	00:08:53	
787.0	55.2	8.3	71.6	00:08:54	
788.0	54.4	8.3	71.9	00:08:54	
789.0	55.3	8.3	71.6	00:08:55	
790.0	54.9	8.4	71.6	00:08:56	
791.0	56.6	8.4	70.8	00:08:57	
792.0	55.0	8.5	71.6	00:08:58	
793.0	56.5	8.5	70.6	00:08:59	
794.0	55.5	8.5	71.3	00:08:59	
795.0	55.0	8.5	71.5	00:09:00	
796.0	54.9	8.5	71.6	00:09:01	
797.0	55.3	8.5	71.3	00:09:02	
798.0	55.5	8.5	71.1	00:09:03	
799.0	53.3	8.5	72.4	00:09:04	
800.0	55.9	8.5	71.0	00:09:04	
801.0	54.6	8.5	71.7	00:09:05	
802.0	56.7	8.5	70.7	00:09:06	
803.0	53.9	8.7	72.1	00:09:07	
804.0	57.5	8.7	70.0	00:09:08	
805.0	55.1	8.7	71.3	00:09:09	
806.0	57.0	8.7	70.3	00:09:10	
807.0	54.9	8.7	71.3	00:09:10	
808.0	56.6	8.7	70.3	00:09:11	
809.0	55.7	8.7	70.8	00:09:12	
810.0	56.3	8.7	70.5	00:09:13	
811.0	56.0	8.7	70.6	00:09:14	
812.0	55.4	8.7	70.9	00:09:15	
813.0	56.3	8.7	70.4	00:09:16	
814.0	54.3	8.7	71.4	00:09:16	
815.0	55.8	8.7	70.7	00:09:17	
816.0	53.9	8.7	71.7	00:09:18	
817.0	56.9	8.7	70.0	00:09:19	
818.0	55.4	8.7	70.9	00:09:20	
819.0	57.5	8.7	69.7	00:09:21	
820.0	56.9	8.7	70.1	00:09:21	
821.0	57.4	8.7	69.8	00:09:22	
822.0	58.2	8.7	69.3	00:09:23	
823.0	56.9	8.7	69.9	00:09:24	
824.0	58.7	8.7	69.0	00:09:25	
825.0	57.3	8.7	69.8	00:09:26	
826.0	59.0	8.7	68.7	00:09:27	
827.0	57.5	8.8	69.4	00:09:28	
828.0	58.9	9.0	68.6	00:09:28	
829.0	58.0	9.0	69.0	00:09:29	
830.0	59.4	9.0	68.3	00:09:30	
831.0	58.6	9.0	68.7	00:09:31	
832.0	57.9	9.0	69.0	00:09:32	
833.0	59.0	9.0	68.4	00:09:33	
834.0	58.2	9.1	68.8	00:09:34	
835.0	59.3	9.2	68.3	00:09:35	
836.0	57.0	9.2	69.4	00:09:35	
837.0	59.5	9.2	68.1	00:09:36	
838.0	57.4	9.2	69.2	00:09:37	
839.0	58.1	9.2	68.8	00:09:38	
840.0	56.8	9.2	69.5	00:09:39	
841.0	57.7	9.2	69.0	00:09:40	
842.0	57.3	9.2	69.3	00:09:41	
843.0	56.4	9.2	69.8	00:09:41	
844.0	57.7	9.2	69.1	00:09:42	
845.0	56.7	9.2	69.6	00:09:43	
846.0	58.2	9.2	68.8	00:09:44	
847.0	56.5	9.2	69.8	00:09:45	
848.0	57.7	9.2	69.1	00:09:46	
849.0	55.7	9.2	70.1	00:09:47	
850.0	57.2	9.2	69.4	00:09:47	
851.0	56.2	9.2	70.0	00:09:48	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
852.0	56.1	9.2	70.0	00:09:49	
853.0	56.5	9.2	69.8	00:09:50	
854.0	56.4	9.2	69.9	00:09:51	
855.0	57.8	9.2	69.1	00:09:52	
856.0	56.0	9.2	70.2	00:09:53	
857.0	58.4	9.2	68.9	00:09:54	
858.0	56.6	9.2	69.8	00:09:54	
859.0	57.9	9.2	69.1	00:09:55	
860.0	57.3	9.2	69.5	00:09:56	
861.0	58.1	9.2	68.9	00:09:57	
862.0	58.4	9.2	68.9	00:09:58	
863.0	58.6	9.2	68.7	00:09:59	
864.0	59.8	9.2	68.1	00:10:00	
865.0	58.3	9.3	68.8	00:10:00	
866.0	60.3	9.4	67.8	00:10:01	
867.0	58.4	9.4	68.8	00:10:02	
868.0	60.6	9.4	67.6	00:10:03	
869.0	57.9	9.4	68.9	00:10:04	
870.0	59.3	9.4	68.2	00:10:05	
871.0	58.3	9.4	68.8	00:10:06	
872.0	58.8	9.4	68.5	00:10:07	
873.0	58.3	9.4	68.7	00:10:08	
874.0	58.2	9.4	68.9	00:10:08	
875.0	58.4	9.4	68.7	00:10:09	
876.0	57.6	9.4	69.1	00:10:10	
877.0	59.3	9.4	68.3	00:10:11	
878.0	58.2	9.4	68.8	00:10:12	
879.0	60.1	9.4	67.8	00:10:13	
880.0	59.2	9.4	68.3	00:10:14	
881.0	60.8	9.4	67.5	00:10:15	
882.0	59.5	9.4	68.1	00:10:15	
883.0	61.2	9.4	67.2	00:10:16	
884.0	60.9	9.4	67.2	00:10:17	
885.0	59.6	9.4	67.7	00:10:18	
886.0	61.0	9.4	67.0	00:10:19	
887.0	60.7	9.4	67.2	00:10:20	
888.0	61.6	9.6	66.5	00:10:21	
889.0	59.4	9.7	67.5	00:10:22	
890.0	61.8	9.7	66.2	00:10:23	
891.0	61.2	9.7	66.4	00:10:24	
892.0	61.9	9.7	66.0	00:10:24	
893.0	60.8	9.7	66.5	00:10:25	
894.0	61.5	9.7	66.1	00:10:26	
895.0	61.5	9.7	66.1	00:10:27	
896.0	60.9	9.7	66.5	00:10:28	
897.0	61.4	9.7	66.2	00:10:29	
898.0	60.4	9.7	66.6	00:10:30	
899.0	62.1	9.8	65.9	00:10:31	
900.0	60.7	9.8	66.4	00:10:32	
901.0	62.5	9.8	65.6	00:10:33	
902.0	61.1	9.8	66.3	00:10:33	
903.0	62.1	9.8	65.6	00:10:34	
904.0	60.8	9.9	66.3	00:10:35	
905.0	61.7	9.9	65.9	00:10:36	
906.0	61.5	9.9	66.0	00:10:37	
907.0	61.1	10.0	66.1	00:10:38	
908.0	61.9	10.0	65.8	00:10:39	
909.0	60.8	10.0	66.3	00:10:40	
910.0	61.6	10.0	65.9	00:10:41	
911.0	60.4	10.0	66.5	00:10:42	
912.0	61.9	10.0	65.8	00:10:43	
913.0	60.6	10.0	66.6	00:10:43	
914.0	60.9	10.0	66.4	00:10:44	
915.0	60.6	10.0	66.5	00:10:45	
916.0	61.1	10.0	66.3	00:10:46	
917.0	61.2	10.0	66.3	00:10:47	
918.0	60.0	10.0	66.7	00:10:48	
919.0	61.6	10.0	66.0	00:10:49	
920.0	60.5	10.0	66.5	00:10:50	
921.0	61.5	10.0	66.0	00:10:51	
922.0	60.9	10.0	66.3	00:10:52	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
923.0	62.6	10.0	65.5	00:10:52	
924.0	62.4	10.0	65.7	00:10:53	
925.0	63.1	10.0	65.1	00:10:54	
926.0	63.5	10.0	64.8	00:10:55	
927.0	62.8	10.0	65.0	00:10:56	
928.0	63.1	10.0	64.8	00:10:57	
929.0	62.8	10.2	64.8	00:10:58	
930.0	63.7	10.2	64.4	00:10:59	
931.0	63.1	10.3	64.6	00:11:00	
932.0	64.1	10.3	64.0	00:11:01	
933.0	62.7	10.3	64.7	00:11:02	
934.0	63.5	10.3	64.4	00:11:03	
935.0	62.8	10.3	64.7	00:11:04	
936.0	63.6	10.3	65.0	00:11:05	
937.0	64.8	10.3	65.0	00:11:06	
938.0	63.5	10.3	65.9	00:11:06	
939.0	65.0	10.3	65.2	00:11:07	
940.0	62.4	10.3	66.6	00:11:08	
941.0	63.0	10.3	66.5	00:11:09	
942.0	61.0	10.3	67.6	00:11:10	
943.0	63.0	10.3	66.6	00:11:11	
944.0	62.2	10.3	67.0	00:11:12	
945.0	63.5	10.3	66.4	00:11:13	
946.0	62.8	10.3	66.7	00:11:14	
947.0	63.7	10.3	66.3	00:11:15	
948.0	64.2	10.3	65.9	00:11:15	
949.0	63.4	10.3	66.1	00:11:16	
950.0	63.7	10.3	66.1	00:11:17	
951.0	63.5	10.3	66.3	00:11:18	
952.0	64.7	10.3	65.5	00:11:19	
953.0	63.4	10.3	66.3	00:11:20	
954.0	64.5	10.3	65.7	00:11:21	
955.0	64.6	10.3	65.8	00:11:22	
956.0	64.5	10.3	65.8	00:11:23	
957.0	65.0	10.3	65.6	00:11:24	
958.0	64.0	10.3	66.1	00:11:25	
959.0	65.7	10.3	65.2	00:11:25	
960.0	64.8	10.3	65.7	00:11:26	
961.0	66.6	10.3	64.7	00:11:27	
962.0	66.4	10.4	64.8	00:11:28	
963.0	67.1	10.5	64.3	00:11:29	
964.0	67.2	10.5	64.4	00:11:30	
965.0	66.3	10.5	64.7	00:11:31	
966.0	67.0	10.5	64.3	00:11:32	
967.0	65.3	10.5	65.2	00:11:33	
968.0	66.9	10.5	64.3	00:11:34	
969.0	65.1	10.5	65.2	00:11:35	
970.0	66.5	10.5	64.6	00:11:36	
971.0	64.6	10.5	65.6	00:11:37	
972.0	66.5	10.5	64.5	00:11:37	
973.0	66.4	10.5	64.6	00:11:38	
974.0	66.7	10.5	64.4	00:11:39	
975.0	68.4	10.5	63.6	00:11:40	
976.0	67.3	10.5	64.1	00:11:41	
977.0	68.5	10.6	63.5	00:11:42	
978.0	67.0	10.7	64.3	00:11:43	
979.0	67.9	10.8	63.7	00:11:44	
980.0	67.1	10.8	64.1	00:11:45	
981.0	67.3	10.8	64.0	00:11:46	
982.0	67.9	10.8	63.9	00:11:47	
983.0	66.8	10.8	64.4	00:11:48	
984.0	67.1	10.8	64.1	00:11:49	
985.0	66.0	10.8	64.6	00:11:50	
986.0	67.1	10.8	64.2	00:11:51	
987.0	65.4	10.8	65.1	00:11:52	
988.0	66.2	10.8	64.6	00:11:53	
989.0	66.0	10.8	64.7	00:11:53	
990.0	65.6	10.8	65.0	00:11:54	
991.0	65.8	10.8	64.9	00:11:55	
992.0	64.3	10.8	65.6	00:11:56	
993.0	65.4	10.8	65.0	00:11:57	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
994.0	63.7	10.8	65.8	00:11:58	
995.0	64.6	10.8	65.5	00:11:59	
996.0	63.8	10.8	66.1	00:12:00	
997.0	65.2	10.8	65.2	00:12:01	
998.0	64.1	10.8	65.8	00:12:02	
999.0	62.7	10.8	66.5	00:12:03	
1000.0	64.6	10.8	65.5	00:12:03	
1001.0	64.3	10.8	65.7	00:12:04	
1002.0	65.3	10.8	65.1	00:12:05	
1003.0	63.8	10.8	66.0	00:12:06	
1004.0	65.3	10.8	65.2	00:12:07	
1005.0	64.7	10.8	65.4	00:12:08	
1006.0	65.1	10.8	65.3	00:12:09	
1007.0	65.7	10.8	65.0	00:12:10	
1008.0	65.2	10.8	65.2	00:12:11	
1009.0	67.4	10.8	64.2	00:12:12	
1010.0	65.1	10.8	65.2	00:12:13	
1011.0	67.6	10.8	63.9	00:12:14	
1012.0	66.5	10.8	64.5	00:12:15	
1013.0	68.1	10.8	63.6	00:12:15	
1014.0	67.8	10.9	63.8	00:12:16	
1015.0	69.3	11.0	62.8	00:12:17	
1016.0	69.9	11.0	62.5	00:12:18	
1017.0	68.6	11.0	63.1	00:12:19	
1018.0	70.6	11.0	62.1	00:12:20	
1019.0	69.3	11.0	62.7	00:12:21	
1020.0	70.6	11.0	62.2	00:12:22	
1021.0	69.2	11.0	62.7	00:12:23	
1022.0	70.5	11.0	61.9	00:12:24	
1023.0	70.5	11.0	61.9	00:12:25	
1024.0	70.2	11.0	62.0	00:12:26	
1025.0	70.8	11.0	61.7	00:12:27	
1026.0	69.7	11.0	62.2	00:12:28	
1027.0	71.4	11.0	61.2	00:12:29	
1028.0	69.5	11.0	62.0	00:12:30	
1029.0	71.9	11.0	60.8	00:12:31	
1030.0	70.6	11.0	61.4	00:12:32	
1031.0	71.0	11.0	61.0	00:12:33	
1032.0	71.7	11.0	60.7	00:12:34	
1033.0	70.1	11.0	61.3	00:12:35	
1034.0	71.9	11.1	60.4	00:12:36	
1035.0	69.2	11.2	61.8	00:12:37	
1036.0	72.0	11.2	60.4	00:12:38	
1037.0	69.4	11.3	61.7	00:12:39	
1038.0	70.2	11.3	61.2	00:12:40	
1039.0	70.5	11.3	61.2	00:12:41	
1040.0	69.4	11.3	61.7	00:12:42	
1041.0	71.9	11.3	60.4	00:12:43	
1042.0	68.5	11.3	62.1	00:12:44	
1043.0	71.2	11.3	60.8	00:12:45	
1044.0	70.1	11.4	61.4	00:12:46	
1045.0	71.2	11.4	60.7	00:12:47	
1046.0	70.4	11.4	61.1	00:12:48	
1047.0	70.9	11.4	60.9	00:12:49	
1048.0	72.1	11.4	60.4	00:12:50	
1049.0	70.0	11.4	61.4	00:12:51	
1050.0	72.6	11.4	60.0	00:12:52	
1051.0	69.4	11.4	61.6	00:12:53	
1052.0	71.6	11.4	60.6	00:12:54	
1053.0	69.3	11.4	61.7	00:12:55	
1054.0	71.1	11.4	60.9	00:12:56	
1055.0	70.4	11.6	61.2	00:12:57	
1056.0	69.3	11.6	61.7	00:12:57	
1057.0	71.4	11.6	60.7	00:12:58	
1058.0	69.4	11.6	61.7	00:12:59	
1059.0	71.6	11.6	60.7	00:13:00	
1060.0	69.8	11.6	61.5	00:13:01	
1061.0	72.0	11.6	60.4	00:13:02	
1062.0	69.3	11.6	61.7	00:13:03	
1063.0	72.4	11.6	60.2	00:13:04	
1064.0	71.2	11.6	60.8	00:13:05	



Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1065.0	71.6	11.6	60.5	00:13:06	
1066.0	72.5	11.7	60.2	00:13:07	
1067.0	71.0	11.8	60.8	00:13:08	
1068.0	72.9	11.8	59.8	00:13:09	
1069.0	70.2	11.8	61.1	00:13:10	
1070.0	72.6	11.8	60.0	00:13:11	
1071.0	70.1	11.8	61.2	00:13:12	
1072.0	72.8	11.8	59.8	00:13:13	
1073.0	71.7	11.8	60.4	00:13:14	
1074.0	72.9	11.8	59.9	00:13:15	
1075.0	75.4	11.8	59.8	00:13:16	
1076.0	74.4	11.8	60.4	00:13:17	
1077.0	76.3	11.8	59.5	00:13:18	
1078.0	74.9	11.8	60.3	00:13:19	
1079.0	79.1	11.8	58.9	00:13:20	
1080.0	76.6	11.8	60.7	00:13:21	
1081.0	79.4	11.8	59.3	00:13:22	
1082.0	78.4	11.8	59.9	00:13:23	
1083.0	78.4	11.8	59.7	00:13:24	
1084.0	78.8	11.8	59.6	00:13:25	
1085.0	76.6	11.8	60.7	00:13:26	
1086.0	79.8	11.8	59.2	00:13:27	
1087.0	76.4	11.8	60.9	00:13:28	
1088.0	78.8	11.8	59.7	00:13:29	
1089.0	77.3	11.8	60.4	00:13:30	
1090.0	78.6	11.8	59.5	00:13:31	
1091.0	78.9	12.0	59.3	00:13:32	
1092.0	77.5	12.1	59.9	00:13:33	
1093.0	79.6	12.1	58.9	00:13:34	
1094.0	77.6	12.1	59.8	00:13:35	
1095.0	79.7	12.1	58.7	00:13:36	
1096.0	78.1	12.1	59.7	00:13:37	
1097.0	78.2	12.1	59.5	00:13:38	
1098.0	78.6	12.1	59.4	00:13:39	
1099.0	77.4	12.1	59.9	00:13:40	
1100.0	79.3	12.1	59.0	00:13:41	
1101.0	76.4	12.1	60.5	00:13:42	
1102.0	79.8	12.1	58.9	00:13:43	
1103.0	77.3	12.1	60.0	00:13:44	
1104.0	79.1	12.1	59.2	00:13:45	
1105.0	79.0	12.1	59.3	00:13:46	
1106.0	78.1	12.1	59.8	00:13:47	
1107.0	80.0	12.1	58.9	00:13:48	
1108.0	77.6	12.1	60.0	00:13:49	
1109.0	79.8	12.1	59.0	00:13:51	
1110.0	77.9	12.1	59.9	00:13:52	
1111.0	79.8	12.1	58.9	00:13:53	
1112.0	78.9	12.3	59.5	00:13:54	
1113.0	77.3	12.3	60.1	00:13:55	
1114.0	79.0	12.3	59.4	00:13:56	
1115.0	76.7	12.3	60.5	00:13:57	
1116.0	78.8	12.3	59.4	00:13:58	
1117.0	76.9	12.3	60.4	00:13:59	
1118.0	78.5	12.3	59.5	00:14:00	
1119.0	77.8	12.3	59.9	00:14:01	
1120.0	76.9	12.3	60.3	00:14:02	
1121.0	78.6	12.3	59.5	00:14:03	
1122.0	76.6	12.3	60.5	00:14:04	
1123.0	78.7	12.3	59.5	00:14:05	
1124.0	76.4	12.3	60.6	00:14:06	
1125.0	78.7	12.3	59.5	00:14:07	
1126.0	77.3	12.3	60.3	00:14:08	
1127.0	78.4	12.3	59.7	00:14:09	
1128.0	78.8	12.3	59.5	00:14:10	
1129.0	78.3	12.4	59.8	00:14:11	
1130.0	80.1	12.5	58.9	00:14:12	
1131.0	77.9	12.5	59.9	00:14:13	
1132.0	80.1	12.5	58.7	00:14:14	
1133.0	78.8	12.5	59.4	00:14:15	
1134.0	77.8	12.5	59.9	00:14:16	
1135.0	78.6	12.5	59.5	00:14:17	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1136.0	77.0	12.5	60.3	00:14:18	
1137.0	78.6	12.5	59.5	00:14:19	
1138.0	77.8	12.5	59.9	00:14:20	
1139.0	79.9	12.5	58.9	00:14:21	
1140.0	79.1	12.5	59.2	00:14:22	
1141.0	78.8	12.5	59.4	00:14:23	
1142.0	78.6	12.5	59.5	00:14:24	
1143.0	77.6	12.7	60.1	00:14:25	
1144.0	79.6	12.8	59.0	00:14:26	
1145.0	76.7	12.8	60.5	00:14:27	
1146.0	78.5	12.8	59.6	00:14:28	
1147.0	77.1	12.8	60.3	00:14:29	
1148.0	77.3	12.8	60.2	00:14:30	
1149.0	77.4	12.8	60.2	00:14:31	
1150.0	76.7	12.8	60.5	00:14:32	
1151.0	77.8	12.8	60.1	00:14:33	
1152.0	76.1	12.8	60.9	00:14:34	
1153.0	77.8	12.8	60.0	00:14:35	
1154.0	76.5	12.8	60.7	00:14:36	
1155.0	79.1	12.8	59.4	00:14:37	
1156.0	77.9	12.9	60.0	00:14:38	
1157.0	76.8	12.9	60.6	00:14:39	
1158.0	77.9	12.9	60.1	00:14:40	
1159.0	76.4	12.9	60.9	00:14:41	
1160.0	77.6	12.9	60.2	00:14:42	
1161.0	75.9	12.9	61.1	00:14:43	
1162.0	77.0	12.9	60.5	00:14:44	
1163.0	76.1	12.9	61.0	00:14:45	
1164.0	76.0	12.9	61.0	00:14:46	
1165.0	76.3	12.9	61.0	00:14:47	
1166.0	74.9	12.9	61.6	00:14:48	
1167.0	77.0	12.9	60.6	00:14:49	
1168.0	75.0	12.9	61.6	00:14:49	
1169.0	76.7	13.0	60.8	00:14:50	
1170.0	76.2	13.0	61.1	00:14:51	
1171.0	75.9	13.0	61.1	00:14:52	
1172.0	77.0	13.0	60.7	00:14:53	
1173.0	75.6	13.0	61.3	00:14:54	
1174.0	77.6	13.0	60.3	00:14:55	
1175.0	76.0	13.0	61.1	00:14:56	
1176.0	77.4	13.0	60.4	00:14:57	
1177.0	76.2	13.0	61.0	00:14:58	
1178.0	77.4	13.0	60.6	00:14:59	
1179.0	77.7	13.0	60.3	00:15:00	
1180.0	75.7	13.0	61.2	00:15:01	
1181.0	77.7	13.0	60.3	00:15:02	
1182.0	75.7	13.0	61.3	00:15:03	
1183.0	78.0	13.0	60.1	00:15:04	
1184.0	76.7	13.0	60.9	00:15:05	
1185.0	77.3	13.0	60.5	00:15:06	
1186.0	78.2	13.0	60.0	00:15:07	
1187.0	76.5	13.0	60.8	00:15:08	
1188.0	78.4	13.0	59.9	00:15:09	
1189.0	76.9	13.0	60.7	00:15:10	
1190.0	78.6	13.0	59.7	00:15:11	
1191.0	77.5	13.0	60.4	00:15:12	
1192.0	79.2	13.0	59.4	00:15:13	
1193.0	79.5	13.0	59.2	00:15:14	
1194.0	78.5	13.0	59.8	00:15:15	
1195.0	81.1	13.0	58.6	00:15:16	
1196.0	79.5	13.0	59.3	00:15:17	
1197.0	81.0	13.1	58.4	00:15:18	
1198.0	79.5	13.2	59.2	00:15:19	
1199.0	80.6	13.3	58.5	00:15:20	
1200.0	80.4	13.3	58.7	00:15:21	
1201.0	80.0	13.3	58.8	00:15:22	
1202.0	81.5	13.3	58.1	00:15:24	
1203.0	80.2	13.3	58.7	00:15:25	
1204.0	81.7	13.3	57.9	00:15:26	
1205.0	79.7	13.3	58.9	00:15:27	
1206.0	81.4	13.4	58.1	00:15:28	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1207.0	80.8	13.5	58.4	00:15:29	
1208.0	79.6	13.5	58.9	00:15:30	
1209.0	80.9	13.5	58.3	00:15:31	
1210.0	79.1	13.5	59.1	00:15:32	
1211.0	81.5	13.5	58.0	00:15:33	
1212.0	79.7	13.5	58.8	00:15:34	
1213.0	80.4	13.5	58.4	00:15:35	
1214.0	79.2	13.5	59.1	00:15:36	
1215.0	80.7	13.5	58.3	00:15:37	
1216.0	80.1	13.5	58.8	00:15:38	
1217.0	77.6	13.5	60.0	00:15:39	
1218.0	81.1	13.5	58.3	00:15:40	
1219.0	79.1	13.5	59.2	00:15:41	
1220.0	79.7	13.5	59.0	00:15:42	
1221.0	79.6	13.5	59.0	00:15:43	
1222.0	79.2	13.5	59.1	00:15:44	
1223.0	80.4	13.5	58.6	00:15:45	
1224.0	78.6	13.5	59.4	00:15:46	
1225.0	81.5	13.5	58.1	00:15:47	
1226.0	80.4	13.6	58.5	00:15:48	
1227.0	81.1	13.7	58.1	00:15:49	
1228.0	81.1	13.7	58.2	00:15:50	
1229.0	79.3	13.7	59.0	00:15:51	
1230.0	80.9	13.7	58.2	00:15:52	
1231.0	79.0	13.7	59.2	00:15:53	
1232.0	79.9	13.7	58.6	00:15:54	
1233.0	79.3	13.8	59.0	00:15:55	
1234.0	79.2	13.7	59.1	00:15:56	
1235.0	80.2	13.7	58.7	00:15:57	
1236.0	79.3	13.7	59.1	00:15:58	
1237.0	80.9	13.7	58.1	00:15:59	
1238.0	79.3	13.7	59.1	00:16:00	
1239.0	81.0	13.7	58.2	00:16:01	
1240.0	80.4	13.7	58.4	00:16:02	
1241.0	79.4	13.7	58.9	00:16:03	
1242.0	80.7	13.7	58.3	00:16:04	
1243.0	79.8	13.7	58.8	00:16:05	
1244.0	80.6	13.7	58.4	00:16:06	
1245.0	79.7	13.7	58.8	00:16:08	
1246.0	79.6	13.7	58.9	00:16:09	
1247.0	80.4	13.7	58.5	00:16:10	
1248.0	78.4	13.7	59.4	00:16:11	
1249.0	81.4	13.7	58.1	00:16:12	
1250.0	79.7	13.7	58.9	00:16:13	
1251.0	79.8	13.7	58.8	00:16:14	
1252.0	79.8	13.7	58.7	00:16:15	
1253.0	80.9	13.7	58.3	00:16:16	
1254.0	81.6	13.7	57.8	00:16:17	
1255.0	79.7	13.7	58.8	00:16:18	
1256.0	82.9	13.7	57.2	00:16:19	
1257.0	82.1	13.7	57.6	00:16:20	
1258.0	81.7	13.7	57.7	00:16:21	
1259.0	83.2	13.7	57.0	00:16:22	
1260.0	82.0	13.7	57.6	00:16:23	
1261.0	84.5	13.9	56.3	00:16:24	
1262.0	82.0	14.0	57.5	00:16:25	
1263.0	84.2	14.0	56.4	00:16:26	
1264.0	82.9	14.0	57.0	00:16:27	
1265.0	82.5	14.0	57.1	00:16:28	
1266.0	83.8	14.1	56.5	00:16:29	
1267.0	81.8	14.2	57.4	00:16:30	
1268.0	84.4	14.2	56.1	00:16:31	
1269.0	82.3	14.2	57.1	00:16:32	
1270.0	84.3	14.2	56.5	00:16:33	
1271.0	84.4	14.2	57.1	00:16:35	
1272.0	83.9	14.2	57.3	00:16:36	
1273.0	85.2	14.2	56.7	00:16:37	
1274.0	83.2	14.2	57.7	00:16:38	
1275.0	84.6	14.2	57.0	00:16:39	
1276.0	82.9	14.2	57.8	00:16:40	
1277.0	84.3	14.2	57.1	00:16:41	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1278.0	84.3	14.2	57.3	00:16:42	
1279.0	83.3	14.2	58.0	00:16:43	
1280.0	86.0	14.2	57.4	00:16:44	
1281.0	85.4	14.2	57.7	00:16:45	
1282.0	86.5	14.2	57.1	00:16:46	
1283.0	85.6	14.2	57.6	00:16:47	
1284.0	85.1	14.2	57.9	00:16:48	
1285.0	86.2	14.2	57.4	00:16:49	
1286.0	84.6	14.3	58.2	00:16:50	
1287.0	85.4	14.4	57.8	00:16:51	
1288.0	83.7	14.4	58.8	00:16:52	
1289.0	84.7	14.4	58.2	00:16:53	
1290.0	84.5	14.4	58.4	00:16:54	
1291.0	84.0	14.4	58.6	00:16:55	
1292.0	85.9	14.4	57.7	00:16:56	
1293.0	84.1	14.4	58.6	00:16:57	
1294.0	85.5	14.4	57.9	00:16:59	
1295.0	85.2	14.4	58.0	00:17:00	
1296.0	84.3	14.4	58.4	00:17:01	
1297.0	85.7	14.4	57.9	00:17:02	
1298.0	83.4	14.4	58.9	00:17:03	
1299.0	85.1	14.4	58.1	00:17:04	
1300.0	83.1	14.4	59.2	00:17:05	
1301.0	86.0	14.4	57.8	00:17:06	
1302.0	86.1	14.4	57.7	00:17:07	
1303.0	85.4	14.4	57.9	00:17:08	
1304.0	87.0	14.4	57.1	00:17:09	
1305.0	85.3	14.4	57.8	00:17:10	
1306.0	87.6	14.4	56.7	00:17:11	
1307.0	85.7	14.4	57.6	00:17:12	
1308.0	86.1	14.4	57.4	00:17:13	
1309.0	86.7	14.4	57.2	00:17:14	
1310.0	84.9	14.4	58.0	00:17:15	
1311.0	87.4	14.4	56.9	00:17:16	
1312.0	85.5	14.4	57.8	00:17:17	
1313.0	87.3	14.4	56.9	00:17:18	
1314.0	86.5	14.4	57.3	00:17:19	
1315.0	86.8	14.4	56.9	00:17:20	
1316.0	87.7	14.4	56.6	00:17:21	
1317.0	86.2	14.5	57.3	00:17:22	
1318.0	88.4	14.6	56.2	00:17:23	
1319.0	86.9	14.6	56.9	00:17:25	
1320.0	88.1	14.6	56.2	00:17:26	
1321.0	88.3	14.6	56.2	00:17:27	
1322.0	87.3	14.6	56.5	00:17:28	
1323.0	89.0	14.7	55.7	00:17:29	
1324.0	87.1	14.7	56.5	00:17:30	
1325.0	88.8	14.7	55.7	00:17:31	
1326.0	87.2	14.7	56.5	00:17:32	
1327.0	87.5	14.7	56.3	00:17:33	
1328.0	87.9	14.7	56.3	00:17:34	
1329.0	86.8	14.7	56.7	00:17:35	
1330.0	88.3	14.7	55.9	00:17:36	
1331.0	86.8	14.7	56.7	00:17:37	
1332.0	88.0	14.8	56.2	00:17:38	
1333.0	87.5	14.9	56.4	00:17:40	
1334.0	86.8	14.9	56.8	00:17:41	
1335.0	87.4	14.9	56.5	00:17:42	
1336.0	85.9	14.9	57.3	00:17:43	
1337.0	87.9	14.9	56.3	00:17:44	
1338.0	86.7	14.9	56.9	00:17:45	
1339.0	88.2	14.9	56.2	00:17:46	
1340.0	88.0	14.9	56.3	00:17:47	
1341.0	87.1	14.9	56.6	00:17:48	
1342.0	88.1	15.1	56.1	00:17:49	
1343.0	85.6	15.1	57.3	00:17:50	
1344.0	88.0	15.2	56.2	00:17:51	
1345.0	86.5	15.2	56.9	00:17:52	
1346.0	85.0	15.2	57.7	00:17:53	
1347.0	87.1	15.2	56.8	00:17:54	
1348.0	85.7	15.2	57.4	00:17:55	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1349.0	86.5	15.2	57.0	00:17:56	
1350.0	85.0	15.2	57.9	00:17:57	
1351.0	85.3	15.2	57.8	00:17:58	
1352.0	85.6	15.2	57.7	00:18:00	
1353.0	84.6	15.2	58.2	00:18:01	
1354.0	86.0	15.2	57.4	00:18:02	
1355.0	84.6	15.2	58.2	00:18:03	
1356.0	85.0	15.2	58.0	00:18:04	
1357.0	85.6	15.2	57.7	00:18:05	
1358.0	84.4	15.2	58.2	00:18:06	
1359.0	85.9	15.2	57.5	00:18:07	
1360.0	85.2	15.2	57.8	00:18:08	
1361.0	87.1	15.2	56.8	00:18:09	
1362.0	86.9	15.2	56.9	00:18:10	
1363.0	86.5	15.2	57.0	00:18:11	
1364.0	86.4	15.2	57.2	00:18:12	
1365.0	86.2	15.2	57.3	00:18:13	
1366.0	87.2	15.2	56.8	00:18:14	
1367.0	86.2	15.2	57.3	00:18:15	
1368.0	86.4	15.2	57.2	00:18:16	
1369.0	86.6	15.2	57.1	00:18:17	
1370.0	85.6	15.2	57.6	00:18:18	
1371.0	86.8	15.2	56.9	00:18:19	
1372.0	86.4	15.2	57.1	00:18:20	
1373.0	87.2	15.2	56.7	00:18:21	
1374.0	88.1	15.2	56.3	00:18:23	
1375.0	86.4	15.2	57.1	00:18:24	
1376.0	87.7	15.2	56.5	00:18:25	
1377.0	86.8	15.2	56.8	00:18:26	
1378.0	88.1	15.2	56.4	00:18:27	
1379.0	88.2	15.2	56.2	00:18:28	
1380.0	88.0	15.2	56.2	00:18:29	
1381.0	90.7	15.2	55.1	00:18:30	
1382.0	89.7	15.2	55.3	00:18:31	
1383.0	90.2	15.2	54.9	00:18:32	
1384.0	90.3	15.2	55.0	00:18:33	
1385.0	89.6	15.2	55.0	00:18:34	
1386.0	89.5	15.2	55.0	00:18:35	
1387.0	87.6	15.2	56.0	00:18:37	
1388.0	89.7	15.2	55.1	00:18:38	
1389.0	89.1	15.2	55.3	00:18:39	
1390.0	89.1	15.2	55.3	00:18:40	
1391.0	89.9	15.2	55.0	00:18:41	
1392.0	90.2	15.2	54.9	00:18:42	
1393.0	92.7	15.2	54.5	00:18:43	
1394.0	92.3	15.2	54.8	00:18:44	
1395.0	93.8	15.2	53.9	00:18:45	
1396.0	93.4	15.2	54.2	00:18:46	
1397.0	92.2	15.2	54.6	00:18:48	
1398.0	93.7	15.2	54.0	00:18:49	
1399.0	93.3	15.2	54.3	00:18:50	
1400.0	93.0	15.2	54.3	00:18:51	
1401.0	94.4	15.2	53.8	00:18:52	
1402.0	93.7	15.2	54.0	00:18:53	
1403.0	95.3	15.2	53.3	00:18:54	
1404.0	94.2	15.2	53.8	00:18:55	
1405.0	95.4	15.2	53.2	00:18:56	
1406.0	96.0	15.2	53.0	00:18:58	
1407.0	94.2	15.2	53.6	00:18:59	
1408.0	96.8	15.2	52.6	00:19:00	
1409.0	94.8	15.2	53.4	00:19:01	
1410.0	97.2	15.2	52.3	00:19:02	
1411.0	97.0	15.2	52.2	00:19:03	
1412.0	95.3	15.2	52.8	00:19:04	
1413.0	97.9	15.2	51.8	00:19:06	
1414.0	96.6	15.2	52.6	00:19:07	
1415.0	100.9	15.2	52.1	00:19:08	
1416.0	101.5	15.2	52.2	00:19:09	
1417.0	101.8	15.2	51.8	00:19:10	
1418.0	103.7	15.2	51.1	00:19:11	
1419.0	101.1	15.2	52.1	00:19:12	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1420.0	103.5	15.2	50.9	00:19:14	
1421.0	103.1	15.2	51.2	00:19:15	
1422.0	104.2	15.2	50.5	00:19:16	
1423.0	105.5	15.2	49.8	00:19:17	
1424.0	104.4	15.2	50.1	00:19:18	
1425.0	107.3	15.2	48.9	00:19:20	
1426.0	105.8	15.2	49.4	00:19:21	
1427.0	106.2	15.2	48.9	00:19:22	
1428.0	107.1	15.2	48.5	00:19:23	
1429.0	105.3	15.2	48.8	00:19:25	
1430.0	107.4	15.2	47.9	00:19:26	
1431.0	106.8	15.2	48.1	00:19:27	
1432.0	109.3	15.2	47.6	00:19:28	
1433.0	111.3	15.2	47.4	00:19:30	
1434.0	110.5	15.2	47.7	00:19:31	
1435.0	112.6	15.2	46.7	00:19:32	
1436.0	110.8	15.2	47.3	00:19:33	
1437.0	112.8	15.2	46.4	00:19:35	
1438.0	114.0	15.2	45.8	00:19:36	
1439.0	113.1	15.2	45.9	00:19:37	
1440.0	115.0	15.2	45.0	00:19:39	
1441.0	113.9	15.2	45.4	00:19:40	
1442.0	114.3	15.2	44.9	00:19:41	
1443.0	115.4	15.2	44.5	00:19:43	
1444.0	115.4	15.2	44.3	00:19:44	
1445.0	117.0	15.2	43.5	00:19:45	
1446.0	115.9	15.2	43.8	00:19:47	
1447.0	117.7	15.2	42.4	00:19:48	
1448.0	117.7	15.2	42.4	00:19:50	
1449.0	116.1	15.2	42.9	00:19:51	
1450.0	118.6	15.2	41.7	00:19:52	
1451.0	115.9	15.2	42.8	00:19:54	
1452.0	118.0	15.2	41.7	00:19:55	
1453.0	117.6	15.2	42.0	00:19:57	
1454.0	117.5	15.2	41.8	00:19:58	
1455.0	119.4	15.2	41.0	00:20:00	
1456.0	117.9	15.2	41.5	00:20:01	
1457.0	120.1	15.2	40.4	00:20:03	
1458.0	120.3	15.2	40.4	00:20:04	
1459.0	119.5	15.2	39.9	00:20:06	
1460.0	121.6	15.2	39.2	00:20:07	
1461.0	119.4	15.2	39.9	00:20:09	
1462.0	121.5	15.2	38.9	00:20:10	
1463.0	120.9	15.2	39.4	00:20:12	
1464.0	121.4	15.2	38.7	00:20:13	
1465.0	123.3	15.2	38.0	00:20:15	
1466.0	121.4	15.2	38.4	00:20:16	
1467.0	123.6	15.2	37.1	00:20:18	
1468.0	123.3	15.2	37.3	00:20:20	
1469.0	124.0	15.2	36.4	00:20:21	
1470.0	126.4	15.2	35.3	00:20:23	
1471.0	123.2	15.2	36.5	00:20:25	
1472.0	125.8	15.2	35.1	00:20:26	
1473.0	125.2	15.2	35.7	00:20:28	
1474.0	126.0	15.2	34.8	00:20:30	
1475.0	128.0	15.2	33.9	00:20:31	
1476.0	125.1	15.2	34.9	00:20:33	
1477.0	127.7	15.2	33.8	00:20:35	
1478.0	126.8	15.2	34.3	00:20:37	
1479.0	126.9	15.2	33.7	00:20:38	
1480.0	129.9	15.2	32.7	00:20:40	
1481.0	126.9	15.2	33.6	00:20:42	
1482.0	128.8	15.2	32.5	00:20:44	
1483.0	130.1	15.2	32.4	00:20:46	
1484.0	128.6	15.2	32.3	00:20:48	
1485.0	131.4	15.2	31.2	00:20:50	
1486.0	128.5	15.2	32.6	00:20:51	
1487.0	130.7	15.2	31.2	00:20:53	
1488.0	131.6	15.2	30.9	00:20:55	
1489.0	129.1	15.2	31.7	00:20:57	
1490.0	133.1	15.2	29.7	00:20:59	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1491.0	131.7	15.2	30.7	00:21:01	
1492.0	132.7	15.2	29.4	00:21:03	
1493.0	134.1	15.2	29.0	00:21:05	
1494.0	132.0	15.2	30.0	00:21:07	
1495.0	134.8	15.2	28.4	00:21:09	
1496.0	133.7	15.2	29.3	00:21:12	
1497.0	133.8	15.2	28.3	00:21:14	
1498.0	135.7	15.2	27.5	00:21:16	
1499.0	133.4	15.2	28.8	00:21:18	
1500.0	135.2	15.2	27.5	00:21:20	
1501.0	136.0	15.2	27.7	00:21:22	
1502.0	135.2	15.2	27.1	00:21:24	
1503.0	137.7	15.2	26.1	00:21:27	
1504.0	134.9	15.2	27.7	00:21:29	
1505.0	136.9	15.2	26.3	00:21:31	
1506.0	136.6	15.2	26.9	00:21:33	
1507.0	136.7	15.2	26.3	00:21:36	
1508.0	138.4	15.2	25.3	00:21:38	
1509.0	136.4	15.2	26.8	00:21:40	
1510.0	138.0	15.2	25.5	00:21:43	
1511.0	144.2	15.2	26.3	00:21:45	
1512.0	151.4	15.2	27.0	00:21:47	
1513.0	155.0	15.2	26.1	00:21:49	
1514.0	151.3	15.2	27.6	00:21:52	
1515.0	150.5	15.2	26.4	00:21:54	
1516.0	151.3	15.2	26.6	00:21:56	
1517.0	149.9	15.2	26.5	00:21:59	
1518.0	152.6	15.2	25.1	00:22:01	
1519.0	150.7	15.2	26.6	00:22:03	
1520.0	151.7	15.2	25.4	00:22:06	
1521.0	152.1	15.2	25.0	00:22:08	
1522.0	150.0	15.2	25.7	00:22:10	
1523.0	151.4	15.2	24.7	00:22:13	
1524.0	152.1	15.2	24.9	00:22:15	
1525.0	151.9	15.2	24.3	00:22:18	
1526.0	153.8	15.2	23.3	00:22:20	
1527.0	151.8	15.2	25.0	00:22:23	
1528.0	152.9	15.2	23.7	00:22:25	
1529.0	153.7	15.2	23.9	00:22:28	
1530.0	153.3	15.2	23.2	00:22:30	
1531.0	153.8	15.2	22.7	00:22:33	
1532.0	153.1	15.2	23.9	00:22:35	
1533.0	153.3	15.2	22.9	00:22:38	
1534.0	154.3	15.2	22.9	00:22:41	
1535.0	153.1	15.2	23.2	00:22:43	
1536.0	154.2	15.2	22.6	00:22:46	
1537.0	154.5	15.2	22.7	00:22:49	
1538.0	155.3	15.2	21.8	00:22:51	
1539.0	155.9	15.2	21.6	00:22:54	
1540.0	153.9	15.2	22.4	00:22:57	
1541.0	154.8	15.2	21.8	00:22:59	
1542.0	155.1	15.2	22.1	00:23:02	
1543.0	155.0	15.2	21.6	00:23:05	
1544.0	157.1	15.2	20.8	00:23:08	
1545.0	153.0	15.2	20.9	00:23:11	
1545.5	15.3	15.2	1.5	00:23:36	Stop (09:00)