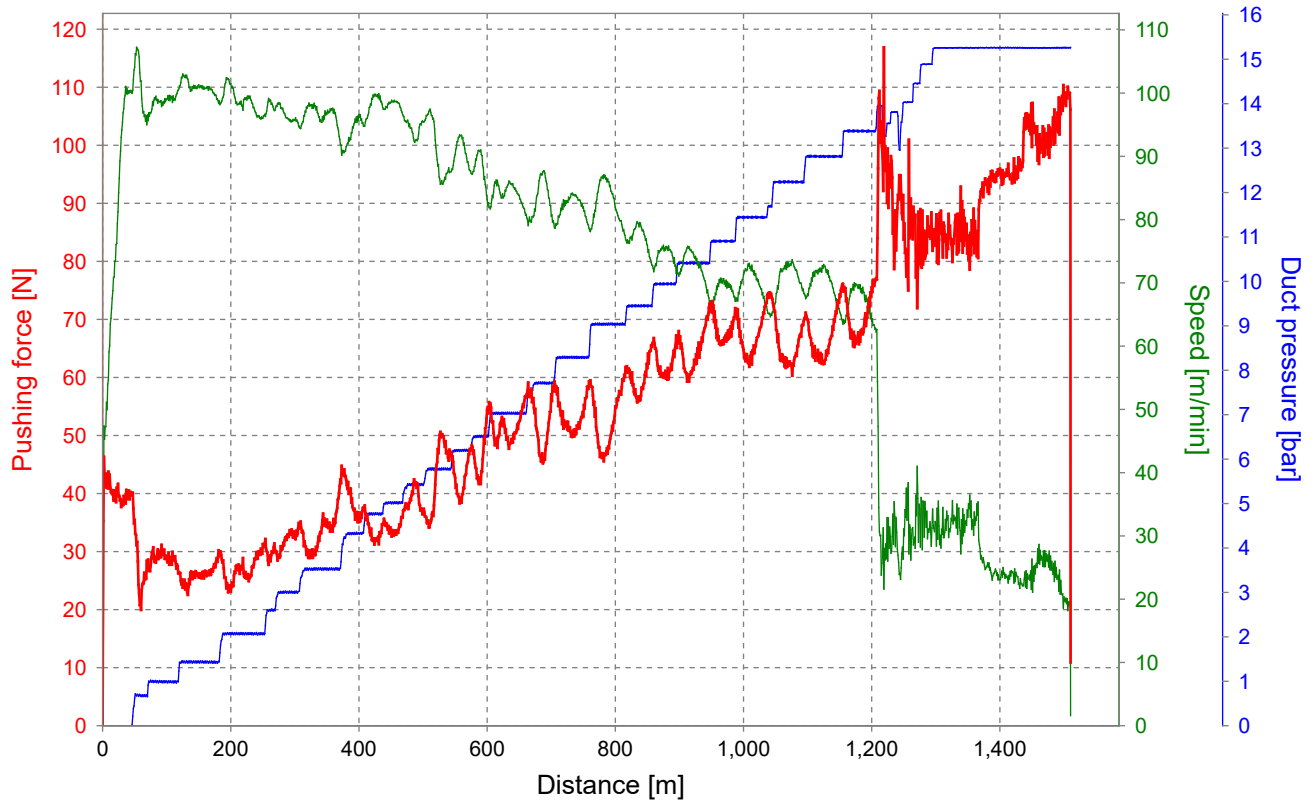


<b>KCEP Kazcentrelectroprovod LLP</b> 1 <A>, Makarenko st. KZ-M22D3A8 Saran, Karaganda region, Kasachstan		<h1>Jetting Report</h1>		<b>KCEP</b>
Project-#	KCEP Cable blowing test	Date: 10/28/19		
Trace Section	V1-96F_D6.5			
Company name	KCEP	Operator: A. Zoller		
Remarks	Termination of the test due to reduced speed below 20 m/min agreed with the customer			
Duct specs		Cable specs		Devices
Manufacturer: Gabocom		Manufacturer: KCEP		Jetting machine: IntelliJet-P02 (SN#122360)
Duct type: 14x2,0 (14/10)		Designation: A-DQ(ZN)2Y 8x12-G652.D-UCF-1036		+ Slipping clutch [ ] + Lubricator [ ]
Duct assy: 4 x 505 m 14x2 in 50x4.6		Cable Ø: 6.5 mm	Fiber amount: 96	Lubricant: MicroJetting Lube
Color/marks: 2x Orange		Reel Nb.: 001		Compressor: MK 17
Inner design: Grooved		Metering: Start: 2497 m End: 993 m		+ Oil separator [ X ] + aftercooler [ X ]
Duct temperature: 9 °C		Cable temperature: 14 °C		Cable Tap type: [ X ]
Summary:	Max pushforce: 290 N (Measured by the crashtest)			
Trace distance: 1510.3 m	Weather: 16.8 °C, 64.3 % humidity.		Jetting temperature: 12.4 °C	
Jetting duration: 00:26:06	Operating mode: Recording only		GPS Location: 47.6324°; 8.5791°; 434 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 (09:44)
1510.3	10.9	15.3	1.6	00:26:06	Stop (10:10)

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 (09:44)
1.0	35.3	0.0	8.2	00:00:06	
2.0	46.3	0.0	47.4	00:00:07	
3.0	43.3	0.0	45.3	00:00:08	
4.0	43.0	0.0	47.2	00:00:09	
5.0	43.4	0.0	47.3	00:00:11	
6.0	41.0	0.0	51.1	00:00:12	
7.0	42.9	0.0	50.0	00:00:13	
8.0	40.9	0.0	54.0	00:00:14	
9.0	43.8	0.0	54.6	00:00:15	
10.0	40.9	0.0	59.1	00:00:16	
11.0	43.2	0.0	60.1	00:00:17	
12.0	41.0	0.0	63.5	00:00:18	
13.0	40.3	0.0	64.4	00:00:19	
14.0	40.1	0.0	66.0	00:00:20	
15.0	39.9	0.0	67.6	00:00:21	
16.0	40.6	0.0	68.8	00:00:22	
17.0	38.8	0.0	70.8	00:00:23	
18.0	40.5	0.0	70.9	00:00:23	
19.0	38.8	0.0	73.4	00:00:24	
20.0	39.4	0.0	73.5	00:00:25	
21.0	38.5	0.0	76.1	00:00:26	
22.0	41.0	0.0	76.2	00:00:27	
23.0	39.8	0.0	79.3	00:00:27	
24.0	41.7	0.0	81.3	00:00:28	
25.0	39.6	0.0	84.3	00:00:29	
26.0	39.6	0.0	86.5	00:00:30	
27.0	38.8	0.0	89.3	00:00:30	
28.0	39.0	0.0	90.8	00:00:31	
29.0	37.7	0.0	93.0	00:00:32	
30.0	38.7	0.0	94.2	00:00:32	
31.0	38.3	0.0	95.4	00:00:33	
32.0	38.0	0.0	96.9	00:00:33	
33.0	39.6	0.0	97.6	00:00:34	
34.0	39.1	0.0	99.1	00:00:35	
35.0	38.8	0.0	99.6	00:00:35	
36.0	38.3	0.0	101.0	00:00:36	
37.0	40.6	0.0	99.9	00:00:36	
38.0	39.1	0.0	100.7	00:00:37	
39.0	39.9	0.0	99.9	00:00:38	
40.0	39.9	0.0	100.3	00:00:38	
41.0	40.5	0.0	100.0	00:00:39	
42.0	39.0	0.0	100.4	00:00:39	
43.0	40.2	0.0	100.2	00:00:40	
44.0	40.2	0.0	100.4	00:00:41	
45.0	40.0	0.0	100.2	00:00:41	
46.0	39.7	0.0	100.0	00:00:42	
47.0	40.1	0.2	100.4	00:00:42	
48.0	37.4	0.4	102.1	00:00:43	
49.0	34.9	0.4	103.6	00:00:44	
50.0	35.5	0.6	104.1	00:00:44	
51.0	33.1	0.7	106.2	00:00:45	
52.0	32.8	0.7	106.0	00:00:45	
53.0	31.1	0.7	107.2	00:00:46	
54.0	31.7	0.7	107.1	00:00:46	
55.0	28.3	0.7	106.9	00:00:47	
56.0	24.3	0.7	106.6	00:00:48	
57.0	22.7	0.7	105.7	00:00:48	
58.0	20.8	0.7	103.2	00:00:49	
59.0	21.0	0.7	101.9	00:00:49	
60.0	20.0	0.7	101.9	00:00:50	
61.0	23.4	0.7	99.1	00:00:50	
62.0	24.3	0.7	97.9	00:00:51	
63.0	24.6	0.7	96.9	00:00:52	
64.0	24.5	0.7	97.1	00:00:52	
65.0	26.3	0.7	96.3	00:00:53	
66.0	25.1	0.7	96.6	00:00:54	
67.0	26.2	0.7	95.5	00:00:54	
68.0	25.4	0.7	96.4	00:00:55	
69.0	28.4	0.7	95.0	00:00:55	
70.0	26.7	0.7	96.5	00:00:56	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
71.0	28.6	0.9	95.6	00:00:57	
72.0	27.1	1.0	96.9	00:00:57	
73.0	27.2	1.0	96.4	00:00:58	
74.0	26.7	1.0	96.9	00:00:59	
75.0	27.6	1.0	96.8	00:00:59	
76.0	28.8	1.0	97.0	00:01:00	
77.0	29.9	1.0	97.5	00:01:00	
78.0	30.0	1.0	98.7	00:01:01	
79.0	30.7	1.0	98.0	00:01:02	
80.0	28.8	1.0	98.9	00:01:02	
81.0	28.3	1.0	99.3	00:01:03	
82.0	29.1	1.0	99.0	00:01:03	
83.0	28.1	1.0	99.5	00:01:04	
84.0	28.8	1.0	98.8	00:01:05	
85.0	29.4	1.0	99.0	00:01:05	
86.0	30.4	1.0	98.4	00:01:06	
87.0	28.7	1.0	98.9	00:01:06	
88.0	29.5	1.0	98.7	00:01:07	
89.0	30.1	1.0	98.6	00:01:08	
90.0	29.5	1.0	98.6	00:01:08	
91.0	29.0	1.0	98.8	00:01:09	
92.0	31.1	1.0	97.9	00:01:10	
93.0	29.6	1.0	98.5	00:01:10	
94.0	29.8	1.0	98.1	00:01:11	
95.0	29.4	1.0	98.7	00:01:11	
96.0	30.3	1.0	98.4	00:01:12	
97.0	28.8	1.0	99.1	00:01:13	
98.0	29.1	1.0	98.6	00:01:13	
99.0	29.3	1.0	99.1	00:01:14	
100.0	29.1	1.0	99.0	00:01:14	
101.0	28.2	1.0	99.1	00:01:15	
102.0	28.3	1.0	99.6	00:01:16	
103.0	29.7	1.0	98.9	00:01:16	
104.0	27.7	1.0	99.6	00:01:17	
105.0	29.1	1.0	98.8	00:01:17	
106.0	28.5	1.0	99.5	00:01:18	
107.0	28.6	1.0	99.2	00:01:19	
108.0	27.7	1.0	99.4	00:01:19	
109.0	29.9	1.0	98.5	00:01:20	
110.0	28.6	1.0	99.6	00:01:21	
111.0	28.6	1.0	98.9	00:01:21	
112.0	28.5	1.0	99.1	00:01:22	
113.0	29.2	1.0	98.9	00:01:22	
114.0	28.2	1.0	99.4	00:01:23	
115.0	27.1	1.0	99.8	00:01:24	
116.0	27.8	1.0	99.9	00:01:24	
117.0	27.5	1.0	100.3	00:01:25	
118.0	26.3	1.0	100.5	00:01:25	
119.0	26.3	1.2	100.7	00:01:26	
120.0	26.4	1.4	101.1	00:01:27	
121.0	26.3	1.4	101.2	00:01:27	
122.0	24.9	1.4	101.7	00:01:28	
123.0	24.4	1.4	102.5	00:01:28	
124.0	25.2	1.5	102.4	00:01:29	
125.0	23.8	1.4	103.0	00:01:29	
126.0	24.0	1.4	102.8	00:01:30	
127.0	24.7	1.5	102.6	00:01:31	
128.0	25.1	1.4	102.5	00:01:31	
129.0	23.5	1.4	102.8	00:01:32	
130.0	24.5	1.4	102.5	00:01:32	
131.0	24.4	1.5	102.8	00:01:33	
132.0	23.0	1.4	102.4	00:01:34	
133.0	22.5	1.4	102.2	00:01:34	
134.0	23.9	1.4	101.7	00:01:35	
135.0	25.2	1.5	100.9	00:01:35	
136.0	24.4	1.4	101.0	00:01:36	
137.0	26.3	1.4	100.3	00:01:36	
138.0	26.6	1.5	100.6	00:01:37	
139.0	26.5	1.4	100.4	00:01:38	
140.0	25.3	1.4	101.0	00:01:38	
141.0	26.4	1.4	100.7	00:01:39	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
142.0	26.1	1.5	101.2	00:01:39	
143.0	26.3	1.4	100.8	00:01:40	
144.0	25.5	1.4	101.2	00:01:41	
145.0	26.6	1.4	100.8	00:01:41	
146.0	26.5	1.4	101.0	00:01:42	
147.0	25.9	1.4	100.7	00:01:42	
148.0	25.9	1.4	100.9	00:01:43	
149.0	26.2	1.5	101.2	00:01:44	
150.0	25.6	1.4	101.3	00:01:44	
151.0	25.5	1.4	100.9	00:01:45	
152.0	26.2	1.4	101.0	00:01:45	
153.0	26.1	1.5	101.2	00:01:46	
154.0	25.4	1.4	101.1	00:01:47	
155.0	25.9	1.4	100.8	00:01:47	
156.0	26.5	1.5	101.1	00:01:48	
157.0	26.5	1.4	100.6	00:01:48	
158.0	25.4	1.4	100.9	00:01:49	
159.0	26.4	1.4	100.7	00:01:50	
160.0	26.7	1.5	100.7	00:01:50	
161.0	26.1	1.4	100.7	00:01:51	
162.0	25.8	1.4	100.9	00:01:51	
163.0	26.5	1.5	100.8	00:01:52	
164.0	26.0	1.4	101.0	00:01:53	
165.0	26.0	1.4	100.5	00:01:53	
166.0	26.0	1.4	101.0	00:01:54	
167.0	26.8	1.5	100.7	00:01:54	
168.0	26.1	1.4	100.6	00:01:55	
169.0	26.0	1.4	100.6	00:01:56	
170.0	26.9	1.5	100.6	00:01:56	
171.0	26.7	1.4	100.5	00:01:57	
172.0	26.6	1.4	100.1	00:01:57	
173.0	27.3	1.4	99.9	00:01:58	
174.0	27.8	1.5	100.0	00:01:58	
175.0	27.3	1.4	99.6	00:01:59	
176.0	27.3	1.4	99.8	00:02:00	
177.0	28.2	1.4	99.6	00:02:00	
178.0	28.9	1.4	99.0	00:02:01	
179.0	28.2	1.4	99.1	00:02:02	
180.0	29.0	1.4	98.8	00:02:02	
181.0	30.2	1.4	98.4	00:02:03	
182.0	29.2	1.4	98.8	00:02:03	
183.0	29.5	1.6	98.2	00:02:04	
184.0	30.0	1.8	98.3	00:02:05	
185.0	29.4	1.9	98.5	00:02:05	
186.0	28.6	1.9	98.8	00:02:06	
187.0	28.1	2.0	99.2	00:02:06	
188.0	28.5	2.1	99.4	00:02:07	
189.0	27.1	2.1	99.7	00:02:08	
190.0	25.5	2.0	100.8	00:02:08	
191.0	25.5	2.1	101.4	00:02:09	
192.0	25.5	2.1	101.7	00:02:09	
193.0	23.7	2.1	102.4	00:02:10	
194.0	24.6	2.1	102.2	00:02:11	
195.0	24.2	2.1	102.3	00:02:11	
196.0	23.0	2.1	102.2	00:02:12	
197.0	23.1	2.1	102.1	00:02:12	
198.0	23.7	2.1	101.6	00:02:13	
199.0	24.1	2.1	101.4	00:02:14	
200.0	23.1	2.1	101.5	00:02:14	
201.0	23.9	2.1	100.9	00:02:15	
202.0	24.7	2.1	101.1	00:02:15	
203.0	24.0	2.1	100.8	00:02:16	
204.0	24.1	2.1	100.7	00:02:17	
205.0	25.9	2.1	99.9	00:02:17	
206.0	26.6	2.1	99.4	00:02:18	
207.0	26.3	2.1	99.2	00:02:18	
208.0	27.5	2.1	98.4	00:02:19	
209.0	27.6	2.1	98.6	00:02:20	
210.0	27.5	2.1	98.2	00:02:20	
211.0	26.8	2.1	98.2	00:02:21	
212.0	27.8	2.1	98.3	00:02:21	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
213.0	27.4	2.1	98.3	00:02:22	
214.0	26.2	2.1	98.6	00:02:23	
215.0	27.4	2.1	98.3	00:02:23	
216.0	26.9	2.1	98.7	00:02:24	
217.0	27.5	2.1	98.0	00:02:24	
218.0	27.1	2.1	98.1	00:02:25	
219.0	28.9	2.1	97.3	00:02:26	
220.0	26.3	2.1	99.0	00:02:26	
221.0	25.7	2.0	99.0	00:02:27	
222.0	25.6	2.1	99.2	00:02:27	
223.0	26.5	2.1	99.0	00:02:28	
224.0	25.4	2.1	99.3	00:02:29	
225.0	25.7	2.1	98.9	00:02:29	
226.0	25.4	2.1	99.5	00:02:30	
227.0	26.1	2.1	99.1	00:02:30	
228.0	24.9	2.1	99.5	00:02:31	
229.0	25.4	2.1	99.2	00:02:32	
230.0	25.8	2.1	99.5	00:02:32	
231.0	25.7	2.1	98.9	00:02:33	
232.0	25.9	2.1	98.8	00:02:34	
233.0	27.4	2.1	98.4	00:02:34	
234.0	27.5	2.1	98.3	00:02:35	
235.0	27.3	2.0	97.7	00:02:35	
236.0	27.8	2.1	97.7	00:02:36	
237.0	28.8	2.1	97.4	00:02:37	
238.0	28.6	2.1	97.0	00:02:37	
239.0	28.7	2.1	96.9	00:02:38	
240.0	29.9	2.1	96.5	00:02:38	
241.0	29.9	2.1	96.2	00:02:39	
242.0	28.8	2.0	96.4	00:02:40	
243.0	29.9	2.1	96.3	00:02:40	
244.0	30.0	2.1	96.4	00:02:41	
245.0	29.8	2.1	96.1	00:02:42	
246.0	29.5	2.1	96.1	00:02:42	
247.0	30.5	2.1	95.9	00:02:43	
248.0	29.6	2.1	96.2	00:02:43	
249.0	29.6	2.1	96.0	00:02:44	
250.0	31.3	2.1	96.0	00:02:45	
251.0	31.1	2.1	96.4	00:02:45	
252.0	30.9	2.0	96.4	00:02:46	
253.0	31.4	2.1	96.6	00:02:47	
254.0	32.2	2.3	96.3	00:02:47	
255.0	30.5	2.5	96.8	00:02:48	
256.0	30.1	2.5	97.2	00:02:48	
257.0	29.9	2.6	97.8	00:02:49	
258.0	28.5	2.6	98.6	00:02:50	
259.0	27.7	2.6	99.2	00:02:50	
260.0	28.9	2.6	98.9	00:02:51	
261.0	29.3	2.6	98.7	00:02:51	
262.0	28.3	2.6	98.9	00:02:52	
263.0	29.4	2.6	98.2	00:02:53	
264.0	30.0	2.6	98.4	00:02:53	
265.0	30.1	2.6	98.1	00:02:54	
266.0	29.8	2.6	97.8	00:02:54	
267.0	30.8	2.6	97.5	00:02:55	
268.0	31.4	2.6	97.2	00:02:56	
269.0	30.3	2.6	97.3	00:02:56	
270.0	29.9	2.7	97.8	00:02:57	
271.0	30.0	2.9	98.0	00:02:58	
272.0	29.5	2.9	97.9	00:02:58	
273.0	28.5	2.9	98.4	00:02:59	
274.0	29.4	3.0	98.3	00:02:59	
275.0	29.3	3.0	98.5	00:03:00	
276.0	29.0	3.0	98.3	00:03:01	
277.0	29.2	3.0	98.4	00:03:01	
278.0	30.9	3.0	97.6	00:03:02	
279.0	30.2	3.0	97.7	00:03:02	
280.0	30.4	3.0	97.5	00:03:03	
281.0	30.8	3.0	97.6	00:03:04	
282.0	31.5	3.0	97.1	00:03:04	
283.0	31.1	3.0	96.9	00:03:05	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
284.0	31.9	3.0	96.8	00:03:06	
285.0	32.4	3.0	96.5	00:03:06	
286.0	32.5	3.0	96.1	00:03:07	
287.0	32.0	3.0	96.1	00:03:07	
288.0	32.8	3.0	96.0	00:03:08	
289.0	33.0	3.0	96.0	00:03:09	
290.0	32.5	3.0	95.8	00:03:09	
291.0	32.8	3.0	95.9	00:03:10	
292.0	33.7	3.0	95.6	00:03:11	
293.0	32.9	3.0	95.8	00:03:11	
294.0	33.4	3.0	95.5	00:03:12	
295.0	33.8	3.0	95.6	00:03:12	
296.0	33.2	3.0	95.5	00:03:13	
297.0	32.4	3.0	95.8	00:03:14	
298.0	33.4	3.0	95.7	00:03:14	
299.0	33.4	3.0	95.8	00:03:15	
300.0	32.5	3.0	95.7	00:03:16	
301.0	32.1	3.0	96.1	00:03:16	
302.0	33.6	3.0	95.6	00:03:17	
303.0	32.7	3.0	95.7	00:03:18	
304.0	33.0	3.0	95.5	00:03:18	
305.0	34.0	3.0	95.3	00:03:19	
306.0	34.9	3.0	94.7	00:03:19	
307.0	34.0	3.0	94.7	00:03:20	
308.0	34.3	3.2	94.5	00:03:21	
309.0	35.1	3.3	94.4	00:03:21	
310.0	33.9	3.3	94.8	00:03:22	
311.0	33.3	3.4	95.1	00:03:23	
312.0	33.6	3.4	95.4	00:03:23	
313.0	33.2	3.5	95.5	00:03:24	
314.0	31.0	3.5	96.4	00:03:24	
315.0	31.8	3.5	96.4	00:03:25	
316.0	31.0	3.5	97.1	00:03:26	
317.0	30.8	3.5	97.0	00:03:26	
318.0	29.4	3.5	97.8	00:03:27	
319.0	30.4	3.5	97.6	00:03:28	
320.0	29.5	3.5	98.0	00:03:28	
321.0	28.9	3.5	98.0	00:03:29	
322.0	29.0	3.5	98.4	00:03:29	
323.0	30.2	3.5	98.0	00:03:30	
324.0	28.9	3.5	98.1	00:03:31	
325.0	29.0	3.5	98.0	00:03:31	
326.0	29.8	3.5	98.2	00:03:32	
327.0	30.4	3.5	97.6	00:03:32	
328.0	28.9	3.5	98.1	00:03:33	
329.0	30.3	3.5	97.6	00:03:34	
330.0	29.5	3.6	98.4	00:03:34	
331.0	29.6	3.5	97.9	00:03:35	
332.0	29.4	3.5	98.0	00:03:35	
333.0	30.8	3.6	97.3	00:03:36	
334.0	30.2	3.5	97.8	00:03:37	
335.0	30.8	3.5	96.9	00:03:37	
336.0	31.5	3.5	96.8	00:03:38	
337.0	32.6	3.6	96.3	00:03:39	
338.0	31.9	3.5	96.3	00:03:39	
339.0	33.1	3.5	95.5	00:03:40	
340.0	33.4	3.6	95.8	00:03:40	
341.0	33.2	3.5	95.4	00:03:41	
342.0	34.2	3.5	95.4	00:03:42	
343.0	35.4	3.5	96.2	00:03:42	
344.0	36.5	3.5	95.6	00:03:43	
345.0	34.5	3.5	96.4	00:03:44	
346.0	35.7	3.5	95.9	00:03:44	
347.0	34.8	3.5	97.2	00:03:45	
348.0	35.1	3.5	96.6	00:03:45	
349.0	34.4	3.5	96.9	00:03:46	
350.0	35.5	3.5	96.7	00:03:47	
351.0	34.3	3.5	97.3	00:03:47	
352.0	34.1	3.5	96.9	00:03:48	
353.0	34.8	3.5	97.0	00:03:49	
354.0	35.0	3.5	96.9	00:03:49	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
355.0	33.4	3.5	97.5	00:03:50	
356.0	34.3	3.5	97.2	00:03:50	
357.0	34.4	3.6	97.5	00:03:51	
358.0	34.2	3.5	97.4	00:03:52	
359.0	33.5	3.5	97.6	00:03:52	
360.0	35.6	3.5	96.9	00:03:53	
361.0	34.4	3.5	97.4	00:03:53	
362.0	34.8	3.5	96.8	00:03:54	
363.0	35.0	3.5	96.9	00:03:55	
364.0	36.5	3.6	96.2	00:03:55	
365.0	36.9	3.5	95.7	00:03:56	
366.0	37.5	3.5	94.9	00:03:57	
367.0	38.9	3.5	94.5	00:03:57	
368.0	39.2	3.5	94.1	00:03:58	
369.0	40.2	3.5	93.2	00:03:59	
370.0	41.3	3.5	92.7	00:03:59	
371.0	42.4	3.5	91.9	00:04:00	
372.0	41.8	3.7	91.8	00:04:01	
373.0	44.8	3.9	90.2	00:04:01	
374.0	43.6	4.1	90.9	00:04:02	
375.0	43.5	4.1	90.6	00:04:02	
376.0	43.2	4.2	90.9	00:04:03	
377.0	44.1	4.2	90.6	00:04:04	
378.0	42.9	4.2	90.8	00:04:04	
379.0	43.0	4.2	90.9	00:04:05	
380.0	42.4	4.3	91.6	00:04:06	
381.0	41.5	4.3	91.7	00:04:06	
382.0	40.8	4.3	92.1	00:04:07	
383.0	42.0	4.3	92.0	00:04:08	
384.0	40.0	4.3	93.0	00:04:08	
385.0	40.7	4.3	92.4	00:04:09	
386.0	40.7	4.3	92.9	00:04:10	
387.0	40.8	4.3	92.7	00:04:10	
388.0	38.5	4.3	93.7	00:04:11	
389.0	39.1	4.3	93.7	00:04:12	
390.0	37.7	4.3	94.7	00:04:12	
391.0	37.4	4.3	94.5	00:04:13	
392.0	37.1	4.3	95.1	00:04:14	
393.0	37.4	4.3	95.3	00:04:14	
394.0	35.5	4.3	95.9	00:04:15	
395.0	36.5	4.3	95.4	00:04:15	
396.0	36.0	4.4	96.2	00:04:16	
397.0	36.8	4.3	95.4	00:04:17	
398.0	35.1	4.3	96.3	00:04:17	
399.0	36.8	4.3	95.7	00:04:18	
400.0	35.1	4.3	96.6	00:04:19	
401.0	35.4	4.3	96.2	00:04:19	
402.0	35.3	4.3	96.6	00:04:20	
403.0	36.7	4.3	95.7	00:04:20	
404.0	35.8	4.3	95.9	00:04:21	
405.0	36.9	4.3	95.2	00:04:22	
406.0	37.5	4.4	95.3	00:04:22	
407.0	37.6	4.3	94.8	00:04:23	
408.0	37.1	4.5	94.8	00:04:24	
409.0	37.9	4.7	94.8	00:04:24	
410.0	36.6	4.7	95.4	00:04:25	
411.0	35.5	4.7	95.8	00:04:25	
412.0	36.1	4.8	96.0	00:04:26	
413.0	36.3	4.8	96.0	00:04:27	
414.0	34.8	4.7	96.5	00:04:27	
415.0	34.8	4.8	96.8	00:04:28	
416.0	34.1	4.8	97.7	00:04:29	
417.0	33.3	4.7	97.8	00:04:29	
418.0	32.8	4.8	98.3	00:04:30	
419.0	33.9	4.8	98.1	00:04:30	
420.0	32.0	4.8	99.2	00:04:31	
421.0	31.9	4.7	99.0	00:04:32	
422.0	32.2	4.8	99.7	00:04:32	
423.0	32.3	4.8	99.4	00:04:33	
424.0	31.2	4.7	99.8	00:04:33	
425.0	31.9	4.8	99.6	00:04:34	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
426.0	32.2	4.8	99.8	00:04:35	
427.0	31.9	4.8	99.6	00:04:35	
428.0	31.9	4.8	99.5	00:04:36	
429.0	32.3	4.8	99.7	00:04:36	
430.0	32.5	4.8	99.3	00:04:37	
431.0	31.3	4.7	99.9	00:04:38	
432.0	33.3	4.8	99.0	00:04:38	
433.0	32.7	4.8	99.5	00:04:39	
434.0	33.4	4.7	98.6	00:04:39	
435.0	33.2	4.8	98.7	00:04:40	
436.0	34.7	4.8	98.3	00:04:41	
437.0	34.7	4.8	97.7	00:04:41	
438.0	34.8	4.9	97.5	00:04:42	
439.0	35.6	5.0	97.4	00:04:42	
440.0	35.2	5.0	97.4	00:04:43	
441.0	34.5	5.0	97.5	00:04:44	
442.0	34.6	5.0	97.9	00:04:44	
443.0	34.9	5.0	97.8	00:04:45	
444.0	34.2	5.0	97.7	00:04:46	
445.0	33.8	5.0	98.3	00:04:46	
446.0	34.4	5.0	98.2	00:04:47	
447.0	33.2	5.0	98.5	00:04:47	
448.0	33.4	5.0	98.4	00:04:48	
449.0	34.1	5.0	98.5	00:04:49	
450.0	33.6	5.0	98.5	00:04:49	
451.0	32.6	5.0	98.9	00:04:50	
452.0	33.7	5.0	98.7	00:04:50	
453.0	33.4	5.0	98.6	00:04:51	
454.0	32.8	5.0	98.6	00:04:52	
455.0	33.3	5.0	98.8	00:04:52	
456.0	33.6	5.0	98.7	00:04:53	
457.0	32.9	5.0	98.7	00:04:54	
458.0	32.9	5.0	98.7	00:04:54	
459.0	33.6	5.0	98.6	00:04:55	
460.0	33.5	5.0	98.6	00:04:55	
461.0	33.2	5.0	98.5	00:04:56	
462.0	33.9	5.0	98.4	00:04:57	
463.0	34.7	5.0	98.3	00:04:57	
464.0	34.3	5.0	97.8	00:04:58	
465.0	34.6	5.0	97.7	00:04:58	
466.0	35.9	5.0	97.3	00:04:59	
467.0	35.9	5.0	97.0	00:05:00	
468.0	35.9	5.0	96.6	00:05:00	
469.0	37.1	5.2	96.4	00:05:01	
470.0	37.2	5.3	96.3	00:05:01	
471.0	37.2	5.3	95.7	00:05:02	
472.0	37.8	5.4	95.6	00:05:03	
473.0	38.3	5.4	95.6	00:05:03	
474.0	37.6	5.3	95.4	00:05:04	
475.0	37.5	5.4	95.6	00:05:05	
476.0	38.2	5.4	95.7	00:05:05	
477.0	37.3	5.4	95.3	00:05:06	
478.0	38.3	5.4	94.7	00:05:07	
479.0	38.5	5.4	95.1	00:05:07	
480.0	39.1	5.4	94.5	00:05:08	
481.0	38.9	5.4	94.5	00:05:08	
482.0	39.7	5.4	94.5	00:05:09	
483.0	40.3	5.4	93.9	00:05:10	
484.0	39.9	5.4	93.6	00:05:10	
485.0	41.8	5.4	92.9	00:05:11	
486.0	42.4	5.4	92.4	00:05:12	
487.0	41.9	5.4	92.2	00:05:12	
488.0	41.7	5.4	92.6	00:05:13	
489.0	41.9	5.4	92.5	00:05:14	
490.0	41.0	5.4	92.6	00:05:14	
491.0	41.7	5.4	92.5	00:05:15	
492.0	41.3	5.4	92.8	00:05:16	
493.0	39.5	5.4	93.5	00:05:16	
494.0	38.2	5.4	94.6	00:05:17	
495.0	38.0	5.4	95.1	00:05:17	
496.0	37.1	5.4	95.1	00:05:18	



Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
497.0	37.4	5.4	95.0	00:05:19	
498.0	37.3	5.4	95.5	00:05:19	
499.0	36.5	5.4	95.6	00:05:20	
500.0	36.4	5.4	95.4	00:05:21	
501.0	37.4	5.4	95.5	00:05:21	
502.0	36.8	5.5	95.5	00:05:22	
503.0	36.1	5.6	95.7	00:05:22	
504.0	36.0	5.7	96.0	00:05:23	
505.0	35.9	5.7	96.5	00:05:24	
506.0	34.9	5.7	96.4	00:05:24	
507.0	35.0	5.8	96.6	00:05:25	
508.0	35.4	5.8	96.7	00:05:26	
509.0	34.2	5.8	97.1	00:05:26	
510.0	34.2	5.8	97.3	00:05:27	
511.0	34.9	5.8	97.5	00:05:27	
512.0	35.1	5.8	96.9	00:05:28	
513.0	35.6	5.8	96.5	00:05:29	
514.0	36.5	5.8	96.4	00:05:29	
515.0	36.8	5.8	95.9	00:05:30	
516.0	36.1	5.8	96.0	00:05:31	
517.0	38.0	5.8	95.5	00:05:31	
518.0	39.4	5.8	94.4	00:05:32	
519.0	41.5	5.8	92.6	00:05:32	
520.0	43.9	5.8	91.4	00:05:33	
521.0	44.9	5.8	90.4	00:05:34	
522.0	45.4	5.8	89.5	00:05:34	
523.0	47.7	5.8	88.5	00:05:35	
524.0	47.0	5.8	88.7	00:05:36	
525.0	49.2	5.8	86.7	00:05:36	
526.0	50.1	5.8	86.4	00:05:37	
527.0	50.6	5.8	85.6	00:05:38	
528.0	49.7	5.8	85.8	00:05:39	
529.0	49.9	5.8	86.1	00:05:39	
530.0	50.2	5.8	85.6	00:05:40	
531.0	49.9	5.8	85.6	00:05:41	
532.0	49.8	5.8	86.0	00:05:41	
533.0	48.9	5.8	86.2	00:05:42	
534.0	48.1	5.8	86.7	00:05:43	
535.0	49.0	5.8	86.4	00:05:44	
536.0	47.0	5.8	87.2	00:05:44	
537.0	47.3	5.8	87.3	00:05:45	
538.0	47.3	5.8	87.5	00:05:46	
539.0	46.2	5.8	87.7	00:05:46	
540.0	45.7	5.8	88.2	00:05:47	
541.0	47.5	5.8	87.4	00:05:48	
542.0	46.4	5.8	87.6	00:05:48	
543.0	46.7	5.8	87.6	00:05:49	
544.0	47.2	5.8	87.6	00:05:50	
545.0	45.8	6.0	88.0	00:05:50	
546.0	46.4	6.2	87.9	00:05:51	
547.0	45.4	6.2	88.5	00:05:52	
548.0	43.5	6.2	89.3	00:05:52	
549.0	43.3	6.2	89.9	00:05:53	
550.0	42.7	6.2	90.3	00:05:54	
551.0	41.0	6.2	91.1	00:05:54	
552.0	41.5	6.2	91.4	00:05:55	
553.0	40.0	6.2	92.3	00:05:56	
554.0	39.8	6.2	92.3	00:05:56	
555.0	39.5	6.2	92.9	00:05:57	
556.0	39.4	6.2	93.0	00:05:58	
557.0	38.3	6.2	93.4	00:05:58	
558.0	39.2	6.2	93.3	00:05:59	
559.0	39.1	6.2	93.3	00:06:00	
560.0	38.4	6.2	93.3	00:06:00	
561.0	39.9	6.2	92.8	00:06:01	
562.0	39.9	6.2	93.0	00:06:01	
563.0	41.0	6.2	91.7	00:06:02	
564.0	40.9	6.2	92.1	00:06:03	
565.0	42.9	6.2	91.2	00:06:03	
566.0	43.1	6.2	90.5	00:06:04	
567.0	43.4	6.2	90.4	00:06:05	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
568.0	44.8	6.2	89.7	00:06:05	
569.0	45.2	6.2	89.1	00:06:06	
570.0	45.5	6.2	89.1	00:06:07	
571.0	46.8	6.2	88.6	00:06:07	
572.0	46.8	6.2	87.9	00:06:08	
573.0	47.7	6.2	87.8	00:06:09	
574.0	47.7	6.2	87.7	00:06:09	
575.0	47.5	6.2	87.3	00:06:10	
576.0	48.3	6.4	87.2	00:06:11	
577.0	48.0	6.4	87.2	00:06:12	
578.0	46.8	6.5	87.6	00:06:12	
579.0	47.4	6.5	87.6	00:06:13	
580.0	46.1	6.5	88.4	00:06:14	
581.0	45.2	6.5	88.5	00:06:14	
582.0	44.4	6.5	89.6	00:06:15	
583.0	44.3	6.5	89.4	00:06:16	
584.0	42.6	6.5	90.2	00:06:16	
585.0	43.1	6.5	90.4	00:06:17	
586.0	42.2	6.5	90.9	00:06:18	
587.0	41.7	6.5	90.9	00:06:18	
588.0	42.7	6.5	90.8	00:06:19	
589.0	42.7	6.5	90.7	00:06:20	
590.0	41.7	6.5	91.0	00:06:20	
591.0	43.8	6.5	90.3	00:06:21	
592.0	43.8	6.5	90.1	00:06:22	
593.0	45.9	6.5	88.5	00:06:22	
594.0	47.1	6.5	88.2	00:06:23	
595.0	49.5	6.5	86.4	00:06:24	
596.0	48.6	6.5	86.8	00:06:24	
597.0	51.2	6.5	85.6	00:06:25	
598.0	51.4	6.5	85.1	00:06:26	
599.0	53.0	6.5	83.9	00:06:26	
600.0	54.5	6.5	83.1	00:06:27	
601.0	54.9	6.5	82.2	00:06:28	
602.0	53.8	6.5	82.7	00:06:29	
603.0	55.7	6.7	81.9	00:06:29	
604.0	54.5	6.9	82.0	00:06:30	
605.0	55.5	7.0	81.7	00:06:31	
606.0	54.8	7.0	82.1	00:06:32	
607.0	52.5	7.0	83.1	00:06:32	
608.0	52.3	7.0	83.8	00:06:33	
609.0	52.4	7.0	83.5	00:06:34	
610.0	50.4	7.0	84.4	00:06:34	
611.0	49.5	7.0	85.4	00:06:35	
612.0	48.3	7.0	85.9	00:06:36	
613.0	48.7	7.0	85.7	00:06:37	
614.0	48.9	7.1	86.2	00:06:37	
615.0	49.5	7.0	85.4	00:06:38	
616.0	47.9	7.0	86.2	00:06:39	
617.0	49.9	7.1	85.5	00:06:39	
618.0	49.8	7.0	85.3	00:06:40	
619.0	50.3	7.0	84.8	00:06:41	
620.0	51.9	7.0	84.2	00:06:42	
621.0	52.2	7.0	83.9	00:06:42	
622.0	52.4	7.0	83.4	00:06:43	
623.0	53.2	7.1	83.4	00:06:44	
624.0	51.6	7.0	84.1	00:06:44	
625.0	52.5	7.0	83.5	00:06:45	
626.0	52.8	7.1	83.7	00:06:46	
627.0	51.7	7.0	83.8	00:06:47	
628.0	50.5	7.0	84.6	00:06:47	
629.0	51.1	7.1	84.5	00:06:48	
630.0	49.3	7.0	85.1	00:06:49	
631.0	49.6	7.0	85.2	00:06:49	
632.0	49.7	7.1	85.4	00:06:50	
633.0	48.5	7.0	85.6	00:06:51	
634.0	47.7	7.0	86.1	00:06:51	
635.0	48.6	7.1	86.0	00:06:52	
636.0	48.6	7.0	85.7	00:06:53	
637.0	48.8	7.0	85.6	00:06:54	
638.0	49.4	7.1	85.7	00:06:54	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
639.0	48.9	7.0	85.5	00:06:55	
640.0	48.8	7.0	85.7	00:06:56	
641.0	50.2	7.1	85.1	00:06:56	
642.0	49.5	7.0	85.1	00:06:57	
643.0	50.5	7.0	84.8	00:06:58	
644.0	50.5	7.1	84.9	00:06:58	
645.0	50.4	7.0	84.5	00:06:59	
646.0	50.8	7.0	84.5	00:07:00	
647.0	51.8	7.1	84.1	00:07:01	
648.0	51.2	7.0	84.1	00:07:01	
649.0	52.2	7.0	83.9	00:07:02	
650.0	52.4	7.0	83.8	00:07:03	
651.0	52.6	7.0	83.3	00:07:03	
652.0	53.1	7.0	83.2	00:07:04	
653.0	54.2	7.0	82.8	00:07:05	
654.0	53.8	7.0	82.6	00:07:06	
655.0	54.9	7.0	82.4	00:07:06	
656.0	55.4	7.0	82.0	00:07:07	
657.0	54.9	7.0	81.8	00:07:08	
658.0	56.0	7.1	81.8	00:07:09	
659.0	56.7	7.0	81.1	00:07:09	
660.0	56.5	7.0	80.7	00:07:10	
661.0	56.9	7.1	80.8	00:07:11	
662.0	57.1	7.2	80.2	00:07:12	
663.0	57.7	7.4	80.0	00:07:12	
664.0	59.1	7.5	79.1	00:07:13	
665.0	56.7	7.5	79.8	00:07:14	
666.0	56.7	7.6	80.4	00:07:15	
667.0	57.6	7.6	79.7	00:07:15	
668.0	56.9	7.5	79.9	00:07:16	
669.0	58.0	7.6	79.6	00:07:17	
670.0	55.8	7.5	80.4	00:07:18	
671.0	56.0	7.5	80.5	00:07:18	
672.0	56.4	7.7	80.4	00:07:19	
673.0	54.8	7.7	80.7	00:07:20	
674.0	53.9	7.7	81.7	00:07:20	
675.0	54.6	7.7	81.4	00:07:21	
676.0	51.7	7.7	82.6	00:07:22	
677.0	51.1	7.7	83.5	00:07:23	
678.0	50.6	7.7	83.9	00:07:23	
679.0	49.9	7.7	84.1	00:07:24	
680.0	49.2	7.7	85.0	00:07:25	
681.0	47.0	7.7	86.1	00:07:26	
682.0	46.5	7.7	86.6	00:07:26	
683.0	46.5	7.7	87.1	00:07:27	
684.0	45.5	7.7	87.3	00:07:28	
685.0	46.0	7.7	87.1	00:07:28	
686.0	46.9	7.7	87.1	00:07:29	
687.0	45.2	7.7	87.5	00:07:30	
688.0	45.5	7.7	87.7	00:07:30	
689.0	46.2	7.7	87.7	00:07:31	
690.0	45.9	7.7	87.3	00:07:32	
691.0	47.6	7.7	86.6	00:07:32	
692.0	48.7	7.7	86.1	00:07:33	
693.0	48.6	7.7	85.7	00:07:34	
694.0	50.4	7.7	84.8	00:07:35	
695.0	50.8	7.7	84.6	00:07:35	
696.0	52.2	7.7	83.4	00:07:36	
697.0	53.0	7.7	83.3	00:07:37	
698.0	54.1	7.7	82.3	00:07:37	
699.0	54.1	7.7	82.2	00:07:38	
700.0	57.1	7.7	80.6	00:07:39	
701.0	56.0	7.7	80.7	00:07:40	
702.0	58.5	7.7	79.6	00:07:40	
703.0	57.7	7.7	79.8	00:07:41	
704.0	57.9	7.8	79.4	00:07:42	
705.0	59.3	7.8	78.7	00:07:43	
706.0	58.7	8.0	78.7	00:07:43	
707.0	57.6	8.2	79.3	00:07:44	
708.0	58.4	8.3	79.1	00:07:45	
709.0	57.1	8.3	79.4	00:07:46	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
710.0	58.1	8.3	79.3	00:07:46	
711.0	55.1	8.3	80.5	00:07:47	
712.0	55.5	8.3	80.4	00:07:48	
713.0	55.6	8.3	80.7	00:07:49	
714.0	54.4	8.3	80.8	00:07:49	
715.0	53.5	8.3	81.8	00:07:50	
716.0	54.2	8.3	81.4	00:07:51	
717.0	52.0	8.3	82.4	00:07:52	
718.0	54.1	8.3	81.6	00:07:52	
719.0	51.2	8.3	83.1	00:07:53	
720.0	52.6	8.3	82.1	00:07:54	
721.0	52.0	8.3	83.0	00:07:55	
722.0	52.1	8.3	82.3	00:07:55	
723.0	51.5	8.3	83.0	00:07:56	
724.0	52.3	8.3	82.6	00:07:57	
725.0	51.1	8.3	83.0	00:07:57	
726.0	52.3	8.3	82.8	00:07:58	
727.0	50.8	8.3	83.5	00:07:59	
728.0	51.1	8.3	83.2	00:08:00	
729.0	51.4	8.3	83.4	00:08:00	
730.0	50.7	8.3	83.5	00:08:01	
731.0	49.8	8.3	84.1	00:08:02	
732.0	50.3	8.3	84.1	00:08:02	
733.0	49.8	8.3	84.2	00:08:03	
734.0	50.1	8.3	83.9	00:08:04	
735.0	50.9	8.3	84.0	00:08:05	
736.0	49.9	8.3	83.9	00:08:05	
737.0	51.1	8.3	83.8	00:08:06	
738.0	50.4	8.3	83.9	00:08:07	
739.0	50.4	8.3	83.7	00:08:08	
740.0	51.7	8.3	83.5	00:08:08	
741.0	51.2	8.3	83.5	00:08:09	
742.0	51.6	8.3	83.1	00:08:10	
743.0	52.3	8.3	83.1	00:08:10	
744.0	51.3	8.3	83.1	00:08:11	
745.0	52.2	8.3	83.0	00:08:12	
746.0	52.8	8.3	82.6	00:08:13	
747.0	53.2	8.3	82.1	00:08:13	
748.0	53.1	8.3	82.6	00:08:14	
749.0	54.0	8.3	81.9	00:08:15	
750.0	53.3	8.3	82.0	00:08:15	
751.0	55.2	8.3	81.3	00:08:16	
752.0	54.6	8.3	81.4	00:08:17	
753.0	56.4	8.3	80.6	00:08:18	
754.0	56.4	8.3	80.5	00:08:18	
755.0	56.7	8.3	80.0	00:08:19	
756.0	58.4	8.3	79.6	00:08:20	
757.0	58.2	8.3	79.3	00:08:21	
758.0	58.0	8.3	79.1	00:08:21	
759.0	59.3	8.3	78.6	00:08:22	
760.0	58.7	8.6	78.3	00:08:23	
761.0	59.5	8.9	78.1	00:08:24	
762.0	58.5	9.0	78.5	00:08:25	
763.0	58.4	9.0	78.6	00:08:25	
764.0	58.3	9.1	79.1	00:08:26	
765.0	56.9	9.0	79.4	00:08:27	
766.0	55.3	9.0	80.8	00:08:28	
767.0	55.8	9.0	80.4	00:08:28	
768.0	53.3	9.0	81.5	00:08:29	
769.0	54.7	9.1	81.3	00:08:30	
770.0	51.5	9.0	82.8	00:08:30	
771.0	50.8	9.0	83.1	00:08:31	
772.0	50.2	9.1	84.1	00:08:32	
773.0	48.8	9.0	84.4	00:08:33	
774.0	47.9	9.0	85.2	00:08:33	
775.0	48.0	9.1	85.6	00:08:34	
776.0	46.3	9.0	86.3	00:08:35	
777.0	46.9	9.0	86.2	00:08:35	
778.0	46.9	9.1	86.7	00:08:36	
779.0	46.2	9.0	86.6	00:08:37	
780.0	46.3	9.1	86.9	00:08:37	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
781.0	46.9	9.1	86.5	00:08:38	
782.0	45.6	9.0	87.1	00:08:39	
783.0	46.9	9.1	86.7	00:08:40	
784.0	46.6	9.0	87.0	00:08:40	
785.0	46.7	9.0	86.4	00:08:41	
786.0	47.2	9.1	86.6	00:08:42	
787.0	47.8	9.0	86.0	00:08:42	
788.0	46.9	9.0	86.4	00:08:43	
789.0	48.1	9.1	86.0	00:08:44	
790.0	47.8	9.0	85.9	00:08:44	
791.0	48.9	9.0	85.2	00:08:45	
792.0	49.5	9.1	85.4	00:08:46	
793.0	50.1	9.0	84.5	00:08:47	
794.0	50.5	9.0	84.4	00:08:47	
795.0	51.6	9.1	84.1	00:08:48	
796.0	50.9	9.0	84.0	00:08:49	
797.0	52.2	9.0	83.4	00:08:49	
798.0	52.6	9.1	83.3	00:08:50	
799.0	53.3	9.0	82.4	00:08:51	
800.0	55.0	9.1	81.9	00:08:52	
801.0	54.8	9.0	81.6	00:08:52	
802.0	55.2	9.0	81.3	00:08:53	
803.0	56.4	9.1	81.0	00:08:54	
804.0	56.1	9.0	80.6	00:08:55	
805.0	56.7	9.0	80.3	00:08:55	
806.0	57.6	9.1	80.1	00:08:56	
807.0	57.2	9.0	79.8	00:08:57	
808.0	57.6	9.1	79.8	00:08:58	
809.0	57.1	9.0	79.8	00:08:58	
810.0	58.3	9.0	79.2	00:08:59	
811.0	59.7	9.1	78.8	00:09:00	
812.0	59.7	9.0	78.2	00:09:01	
813.0	59.5	9.0	78.4	00:09:01	
814.0	60.4	9.0	77.8	00:09:02	
815.0	60.1	9.0	77.5	00:09:03	
816.0	61.8	9.1	76.9	00:09:04	
817.0	60.9	9.3	76.7	00:09:05	
818.0	61.9	9.4	76.3	00:09:05	
819.0	60.8	9.4	76.8	00:09:06	
820.0	61.5	9.4	76.3	00:09:07	
821.0	61.5	9.5	76.6	00:09:08	
822.0	61.3	9.4	76.3	00:09:08	
823.0	60.1	9.5	77.2	00:09:09	
824.0	59.8	9.4	77.1	00:09:10	
825.0	59.1	9.4	77.3	00:09:11	
826.0	60.9	9.5	76.8	00:09:12	
827.0	58.7	9.4	77.5	00:09:12	
828.0	58.8	9.5	77.8	00:09:13	
829.0	57.5	9.5	78.4	00:09:14	
830.0	57.1	9.4	78.5	00:09:15	
831.0	58.0	9.5	78.6	00:09:15	
832.0	56.8	9.4	78.9	00:09:16	
833.0	56.5	9.5	79.3	00:09:17	
834.0	55.7	9.5	79.7	00:09:18	
835.0	55.8	9.4	79.5	00:09:18	
836.0	56.7	9.5	79.4	00:09:19	
837.0	56.7	9.4	78.9	00:09:20	
838.0	56.0	9.5	79.5	00:09:21	
839.0	56.1	9.5	79.4	00:09:21	
840.0	56.8	9.4	78.9	00:09:22	
841.0	58.3	9.5	78.6	00:09:23	
842.0	58.2	9.4	78.2	00:09:24	
843.0	58.0	9.4	78.4	00:09:24	
844.0	58.9	9.5	78.1	00:09:25	
845.0	59.0	9.4	77.7	00:09:26	
846.0	60.4	9.5	77.4	00:09:27	
847.0	60.9	9.4	76.7	00:09:28	
848.0	60.2	9.4	77.0	00:09:28	
849.0	62.3	9.5	76.1	00:09:29	
850.0	61.6	9.4	75.9	00:09:30	
851.0	64.1	9.5	74.9	00:09:31	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
852.0	62.4	9.4	75.2	00:09:32	
853.0	64.4	9.5	74.2	00:09:32	
854.0	64.6	9.5	73.9	00:09:33	
855.0	64.6	9.4	73.6	00:09:34	
856.0	65.5	9.5	73.2	00:09:35	
857.0	65.3	9.4	72.8	00:09:36	
858.0	65.9	9.6	72.7	00:09:36	
859.0	65.8	9.8	72.3	00:09:37	
860.0	66.8	9.9	71.8	00:09:38	
861.0	65.9	9.9	72.4	00:09:39	
862.0	65.0	9.9	72.7	00:09:40	
863.0	65.0	10.0	73.0	00:09:41	
864.0	64.5	9.9	72.7	00:09:41	
865.0	63.0	10.0	73.9	00:09:42	
866.0	62.1	9.9	74.2	00:09:43	
867.0	61.2	9.9	75.1	00:09:44	
868.0	61.7	10.0	74.8	00:09:45	
869.0	60.6	9.9	75.1	00:09:45	
870.0	61.8	10.0	75.1	00:09:46	
871.0	60.1	9.9	75.4	00:09:47	
872.0	60.8	9.9	75.2	00:09:48	
873.0	60.4	10.0	75.7	00:09:49	
874.0	60.6	9.9	75.4	00:09:49	
875.0	60.0	10.0	75.9	00:09:50	
876.0	60.7	9.9	75.1	00:09:51	
877.0	60.7	10.0	75.5	00:09:52	
878.0	61.1	9.9	75.2	00:09:53	
879.0	59.8	9.9	75.7	00:09:53	
880.0	60.7	10.0	75.4	00:09:54	
881.0	59.6	9.9	75.6	00:09:55	
882.0	61.6	10.0	75.1	00:09:56	
883.0	59.7	9.9	75.8	00:09:57	
884.0	61.0	9.9	75.3	00:09:57	
885.0	61.1	9.9	75.3	00:09:58	
886.0	61.3	9.9	75.1	00:09:59	
887.0	62.3	10.0	74.9	00:10:00	
888.0	61.3	9.9	74.8	00:10:01	
889.0	63.0	9.9	74.3	00:10:01	
890.0	63.6	10.0	74.0	00:10:02	
891.0	64.6	9.9	73.1	00:10:03	
892.0	63.5	10.0	74.0	00:10:04	
893.0	64.9	9.9	72.7	00:10:05	
894.0	65.6	10.0	72.8	00:10:06	
895.0	67.2	10.0	71.5	00:10:06	
896.0	65.1	10.2	72.5	00:10:07	
897.0	67.1	10.4	71.6	00:10:08	
898.0	66.6	10.4	71.5	00:10:09	
899.0	68.0	10.4	71.1	00:10:10	
900.0	65.9	10.4	71.6	00:10:11	
901.0	67.1	10.4	71.4	00:10:11	
902.0	65.0	10.4	72.2	00:10:12	
903.0	65.8	10.4	71.9	00:10:13	
904.0	64.9	10.4	72.6	00:10:14	
905.0	64.1	10.4	72.7	00:10:15	
906.0	63.1	10.4	73.6	00:10:15	
907.0	61.6	10.4	74.2	00:10:16	
908.0	61.5	10.4	74.6	00:10:17	
909.0	61.0	10.4	74.7	00:10:18	
910.0	60.8	10.4	74.9	00:10:19	
911.0	60.7	10.4	75.3	00:10:20	
912.0	59.3	10.4	75.5	00:10:20	
913.0	60.0	10.4	75.8	00:10:21	
914.0	60.2	10.4	75.5	00:10:22	
915.0	59.3	10.4	75.7	00:10:23	
916.0	60.5	10.4	75.4	00:10:23	
917.0	60.5	10.4	75.1	00:10:24	
918.0	61.0	10.4	75.2	00:10:25	
919.0	60.7	10.4	75.0	00:10:26	
920.0	61.2	10.4	74.8	00:10:27	
921.0	61.6	10.4	74.9	00:10:27	
922.0	61.3	10.4	74.5	00:10:28	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
923.0	63.0	10.4	74.1	00:10:29	
924.0	62.8	10.4	73.9	00:10:30	
925.0	62.3	10.4	74.2	00:10:31	
926.0	64.0	10.4	73.5	00:10:32	
927.0	62.4	10.4	73.8	00:10:32	
928.0	65.0	10.4	72.9	00:10:33	
929.0	63.5	10.4	73.3	00:10:34	
930.0	66.0	10.4	72.4	00:10:35	
931.0	63.4	10.4	73.3	00:10:36	
932.0	65.6	10.4	72.4	00:10:36	
933.0	64.8	10.4	72.8	00:10:37	
934.0	65.9	10.4	72.0	00:10:38	
935.0	66.9	10.4	71.9	00:10:39	
936.0	66.2	10.4	71.6	00:10:40	
937.0	67.7	10.4	71.2	00:10:41	
938.0	67.9	10.4	70.8	00:10:42	
939.0	68.4	10.4	70.5	00:10:42	
940.0	68.7	10.4	70.3	00:10:43	
941.0	69.1	10.4	69.7	00:10:44	
942.0	70.2	10.4	69.3	00:10:45	
943.0	70.6	10.4	68.4	00:10:46	
944.0	70.0	10.4	68.9	00:10:47	
945.0	70.8	10.4	68.0	00:10:48	
946.0	72.0	10.4	67.6	00:10:49	
947.0	72.7	10.4	66.7	00:10:49	
948.0	71.3	10.7	67.2	00:10:50	
949.0	72.8	10.9	66.5	00:10:51	
950.0	72.1	10.9	66.7	00:10:52	
951.0	73.1	10.9	66.4	00:10:53	
952.0	71.1	10.9	67.0	00:10:54	
953.0	72.4	10.9	66.7	00:10:55	
954.0	69.6	10.9	67.8	00:10:56	
955.0	71.3	10.9	67.3	00:10:57	
956.0	68.6	10.9	68.4	00:10:57	
957.0	69.8	10.9	68.1	00:10:58	
958.0	66.8	10.9	69.5	00:10:59	
959.0	68.4	10.9	69.0	00:11:00	
960.0	66.4	10.9	69.9	00:11:01	
961.0	67.1	10.9	69.4	00:11:02	
962.0	65.8	10.9	70.5	00:11:03	
963.0	65.8	10.9	70.0	00:11:03	
964.0	65.6	10.9	70.7	00:11:04	
965.0	66.2	10.9	70.1	00:11:05	
966.0	65.6	10.9	70.7	00:11:06	
967.0	66.4	10.9	70.0	00:11:07	
968.0	66.2	10.9	70.3	00:11:08	
969.0	65.8	10.9	70.6	00:11:09	
970.0	66.8	10.9	69.8	00:11:09	
971.0	66.6	10.9	70.3	00:11:10	
972.0	67.2	10.9	69.5	00:11:11	
973.0	66.2	10.9	70.4	00:11:12	
974.0	67.6	10.9	69.2	00:11:13	
975.0	66.5	10.9	70.1	00:11:14	
976.0	68.1	10.9	69.3	00:11:15	
977.0	66.7	10.9	69.9	00:11:15	
978.0	68.2	10.9	69.3	00:11:16	
979.0	67.0	10.9	69.7	00:11:17	
980.0	68.8	10.9	69.0	00:11:18	
981.0	67.1	10.9	69.5	00:11:19	
982.0	69.5	10.9	68.7	00:11:20	
983.0	68.4	10.9	68.8	00:11:21	
984.0	69.8	10.9	68.4	00:11:22	
985.0	70.3	10.9	67.8	00:11:22	
986.0	70.4	10.9	67.9	00:11:23	
987.0	71.9	10.9	67.1	00:11:24	
988.0	70.6	11.2	67.6	00:11:25	
989.0	71.8	11.4	67.2	00:11:26	
990.0	70.1	11.4	67.6	00:11:27	
991.0	71.7	11.5	67.2	00:11:28	
992.0	68.6	11.4	68.5	00:11:29	
993.0	70.0	11.5	68.3	00:11:29	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
994.0	67.1	11.4	69.4	00:11:30	
995.0	67.9	11.5	69.2	00:11:31	
996.0	65.9	11.4	70.2	00:11:32	
997.0	66.4	11.4	69.9	00:11:33	
998.0	66.1	11.5	70.5	00:11:34	
999.0	65.2	11.4	70.6	00:11:35	
1000.0	64.8	11.5	71.3	00:11:36	
1001.0	63.5	11.4	71.7	00:11:36	
1002.0	64.0	11.5	71.9	00:11:37	
1003.0	62.8	11.4	72.2	00:11:38	
1004.0	63.6	11.4	72.0	00:11:39	
1005.0	64.0	11.5	71.9	00:11:40	
1006.0	63.0	11.4	72.2	00:11:41	
1007.0	62.5	11.5	73.0	00:11:41	
1008.0	62.5	11.4	72.6	00:11:42	
1009.0	61.8	11.5	73.1	00:11:43	
1010.0	63.7	11.4	72.3	00:11:44	
1011.0	62.7	11.4	72.6	00:11:45	
1012.0	64.3	11.5	72.0	00:11:46	
1013.0	62.2	11.4	72.8	00:11:46	
1014.0	64.6	11.5	71.9	00:11:47	
1015.0	64.1	11.4	71.9	00:11:48	
1016.0	65.5	11.5	71.3	00:11:49	
1017.0	64.2	11.4	71.9	00:11:50	
1018.0	65.4	11.4	71.2	00:11:51	
1019.0	65.4	11.5	71.4	00:11:51	
1020.0	66.3	11.4	70.5	00:11:52	
1021.0	66.9	11.5	70.7	00:11:53	
1022.0	67.0	11.4	70.2	00:11:54	
1023.0	67.2	11.5	70.5	00:11:55	
1024.0	67.7	11.4	69.8	00:11:56	
1025.0	68.2	11.4	69.5	00:11:56	
1026.0	68.6	11.5	69.4	00:11:57	
1027.0	68.7	11.4	69.0	00:11:58	
1028.0	69.2	11.5	69.1	00:11:59	
1029.0	70.3	11.4	68.1	00:12:00	
1030.0	70.2	11.5	68.4	00:12:01	
1031.0	71.2	11.4	67.6	00:12:02	
1032.0	71.0	11.5	67.8	00:12:03	
1033.0	72.2	11.4	66.9	00:12:04	
1034.0	72.4	11.4	66.9	00:12:04	
1035.0	72.8	11.4	66.4	00:12:05	
1036.0	72.8	11.4	66.3	00:12:06	
1037.0	74.2	11.5	65.7	00:12:07	
1038.0	74.4	11.7	65.2	00:12:08	
1039.0	74.5	11.7	65.1	00:12:09	
1040.0	73.7	11.7	65.2	00:12:10	
1041.0	74.6	11.7	65.0	00:12:11	
1042.0	74.4	11.7	64.7	00:12:12	
1043.0	74.4	11.7	65.1	00:12:13	
1044.0	73.8	11.7	64.9	00:12:14	
1045.0	73.5	11.8	65.4	00:12:14	
1046.0	72.8	12.1	65.3	00:12:15	
1047.0	72.2	12.2	66.1	00:12:16	
1048.0	71.6	12.2	66.2	00:12:17	
1049.0	71.3	12.2	66.7	00:12:18	
1050.0	70.1	12.2	66.9	00:12:19	
1051.0	68.2	12.2	68.3	00:12:20	
1052.0	68.0	12.2	68.5	00:12:21	
1053.0	66.1	12.2	69.5	00:12:22	
1054.0	67.4	12.3	69.0	00:12:23	
1055.0	65.2	12.2	70.2	00:12:23	
1056.0	64.7	12.3	71.1	00:12:24	
1057.0	63.1	12.2	71.8	00:12:25	
1058.0	62.9	12.3	72.2	00:12:26	
1059.0	63.3	12.2	72.1	00:12:27	
1060.0	64.0	12.2	71.8	00:12:28	
1061.0	63.8	12.2	71.9	00:12:28	
1062.0	62.7	12.2	72.3	00:12:29	
1063.0	63.4	12.3	72.2	00:12:30	
1064.0	61.9	12.2	72.7	00:12:31	



Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1065.0	63.4	12.3	72.2	00:12:32	
1066.0	61.7	12.2	73.2	00:12:33	
1067.0	63.3	12.2	72.1	00:12:33	
1068.0	61.8	12.3	73.3	00:12:34	
1069.0	62.7	12.2	72.5	00:12:35	
1070.0	62.0	12.3	73.2	00:12:36	
1071.0	62.2	12.2	72.6	00:12:37	
1072.0	62.7	12.3	72.8	00:12:38	
1073.0	62.2	12.2	73.0	00:12:38	
1074.0	62.3	12.2	72.8	00:12:39	
1075.0	62.0	12.3	73.3	00:12:40	
1076.0	60.3	12.2	73.6	00:12:41	
1077.0	62.4	12.3	73.2	00:12:42	
1078.0	62.1	12.2	73.0	00:12:42	
1079.0	63.0	12.2	72.6	00:12:43	
1080.0	63.5	12.2	72.4	00:12:44	
1081.0	63.7	12.2	72.0	00:12:45	
1082.0	64.2	12.3	72.1	00:12:46	
1083.0	63.7	12.2	71.9	00:12:47	
1084.0	65.4	12.3	71.4	00:12:47	
1085.0	65.4	12.2	70.9	00:12:48	
1086.0	66.5	12.2	70.7	00:12:49	
1087.0	66.9	12.2	70.2	00:12:50	
1088.0	67.3	12.2	70.0	00:12:51	
1089.0	67.5	12.2	70.0	00:12:52	
1090.0	67.1	12.2	69.9	00:12:53	
1091.0	68.9	12.3	69.2	00:12:53	
1092.0	69.1	12.2	68.8	00:12:54	
1093.0	69.0	12.3	69.0	00:12:55	
1094.0	69.8	12.2	68.3	00:12:56	
1095.0	70.2	12.5	68.3	00:12:57	
1096.0	70.1	12.6	68.0	00:12:58	
1097.0	71.2	12.8	67.5	00:12:59	
1098.0	70.6	12.8	67.7	00:13:00	
1099.0	70.2	12.8	67.9	00:13:00	
1100.0	69.9	12.8	68.3	00:13:01	
1101.0	69.6	12.8	68.0	00:13:02	
1102.0	68.1	12.8	69.1	00:13:03	
1103.0	67.4	12.8	69.1	00:13:04	
1104.0	66.9	12.8	69.9	00:13:05	
1105.0	66.8	12.8	69.5	00:13:06	
1106.0	65.6	12.8	70.8	00:13:06	
1107.0	65.9	12.8	70.2	00:13:07	
1108.0	63.7	12.8	71.6	00:13:08	
1109.0	65.2	12.8	71.0	00:13:09	
1110.0	63.4	12.8	71.7	00:13:10	
1111.0	65.4	12.8	71.1	00:13:11	
1112.0	62.9	12.8	71.9	00:13:12	
1113.0	64.1	12.8	72.0	00:13:12	
1114.0	63.8	12.8	71.6	00:13:13	
1115.0	63.6	12.8	71.9	00:13:14	
1116.0	64.7	12.8	71.4	00:13:15	
1117.0	62.9	12.8	72.1	00:13:16	
1118.0	64.0	12.8	71.8	00:13:17	
1119.0	62.6	12.8	72.3	00:13:17	
1120.0	64.2	12.8	71.8	00:13:18	
1121.0	62.5	12.8	72.3	00:13:19	
1122.0	63.9	12.8	71.7	00:13:20	
1123.0	62.4	12.8	72.7	00:13:21	
1124.0	62.8	12.8	72.3	00:13:22	
1125.0	62.3	12.8	72.9	00:13:22	
1126.0	62.4	12.8	72.6	00:13:23	
1127.0	62.9	12.8	72.6	00:13:24	
1128.0	63.1	12.8	72.2	00:13:25	
1129.0	64.5	12.8	71.7	00:13:26	
1130.0	63.8	12.8	72.1	00:13:27	
1131.0	64.7	12.8	71.4	00:13:27	
1132.0	64.2	12.8	72.0	00:13:28	
1133.0	65.4	12.8	70.9	00:13:29	
1134.0	65.7	12.8	71.0	00:13:30	
1135.0	66.6	12.8	70.3	00:13:31	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1136.0	66.8	12.8	70.4	00:13:32	
1137.0	67.1	12.8	70.1	00:13:32	
1138.0	67.2	12.8	69.9	00:13:33	
1139.0	68.8	12.8	69.3	00:13:34	
1140.0	68.2	12.8	69.1	00:13:35	
1141.0	69.9	12.8	68.5	00:13:36	
1142.0	69.6	12.8	68.2	00:13:37	
1143.0	70.6	12.8	68.0	00:13:38	
1144.0	71.4	12.8	67.2	00:13:39	
1145.0	71.1	12.8	67.5	00:13:40	
1146.0	73.0	12.8	66.3	00:13:40	
1147.0	72.2	12.8	66.5	00:13:41	
1148.0	73.3	12.8	65.9	00:13:42	
1149.0	72.9	12.8	65.9	00:13:43	
1150.0	74.3	12.8	65.4	00:13:44	
1151.0	74.0	12.8	65.2	00:13:45	
1152.0	75.1	12.8	64.9	00:13:46	
1153.0	75.4	12.8	64.3	00:13:47	
1154.0	76.0	12.8	64.1	00:13:48	
1155.0	76.1	13.1	63.5	00:13:49	
1156.0	74.8	13.4	64.2	00:13:50	
1157.0	75.6	13.4	63.6	00:13:51	
1158.0	75.1	13.4	64.0	00:13:52	
1159.0	75.4	13.4	63.8	00:13:52	
1160.0	73.2	13.4	64.9	00:13:53	
1161.0	73.6	13.4	64.8	00:13:54	
1162.0	72.0	13.4	65.6	00:13:55	
1163.0	70.9	13.4	66.4	00:13:56	
1164.0	70.1	13.4	66.6	00:13:57	
1165.0	69.3	13.4	67.4	00:13:58	
1166.0	68.3	13.4	67.9	00:13:59	
1167.0	66.8	13.4	69.0	00:14:00	
1168.0	68.2	13.4	68.5	00:14:01	
1169.0	66.7	13.4	69.0	00:14:01	
1170.0	67.5	13.4	68.9	00:14:02	
1171.0	65.4	13.4	69.7	00:14:03	
1172.0	67.8	13.4	68.9	00:14:04	
1173.0	65.3	13.4	70.0	00:14:05	
1174.0	67.1	13.4	69.4	00:14:06	
1175.0	65.8	13.4	69.9	00:14:07	
1176.0	66.1	13.4	69.7	00:14:07	
1177.0	66.7	13.4	69.7	00:14:08	
1178.0	66.4	13.4	69.4	00:14:09	
1179.0	67.7	13.4	69.2	00:14:10	
1180.0	65.7	13.4	69.7	00:14:11	
1181.0	67.6	13.4	69.1	00:14:12	
1182.0	66.2	13.4	69.7	00:14:13	
1183.0	68.1	13.4	68.6	00:14:14	
1184.0	67.6	13.4	69.1	00:14:14	
1185.0	68.3	13.4	68.3	00:14:15	
1186.0	67.5	13.4	69.3	00:14:16	
1187.0	67.8	13.4	68.5	00:14:17	
1188.0	68.7	13.4	68.5	00:14:18	
1189.0	70.1	13.4	67.4	00:14:19	
1190.0	71.0	13.4	67.0	00:14:20	
1191.0	68.9	13.4	68.0	00:14:21	
1192.0	70.2	13.4	67.1	00:14:21	
1193.0	70.3	13.4	67.4	00:14:22	
1194.0	72.2	13.4	66.2	00:14:23	
1195.0	72.5	13.4	66.1	00:14:24	
1196.0	73.7	13.4	65.1	00:14:25	
1197.0	72.2	13.4	66.2	00:14:26	
1198.0	74.7	13.4	64.4	00:14:27	
1199.0	73.9	13.4	65.1	00:14:28	
1200.0	75.5	13.4	63.9	00:14:29	
1201.0	74.7	13.4	64.3	00:14:30	
1202.0	76.8	13.4	63.3	00:14:31	
1203.0	75.8	13.4	63.3	00:14:32	
1204.0	75.8	13.4	63.3	00:14:33	
1205.0	76.5	13.4	62.7	00:14:34	
1206.0	76.9	13.4	62.8	00:14:34	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1207.0	77.1	13.5	62.2	00:14:35	
1208.0	76.9	13.8	62.6	00:14:36	
1209.0	84.0	13.9	54.4	00:14:38	
1210.0	96.0	14.0	47.3	00:14:39	
1211.0	108.1	14.0	34.5	00:14:41	
1212.0	109.4	14.0	30.7	00:14:43	
1213.0	103.3	14.0	30.1	00:14:45	
1214.0	100.4	14.0	30.1	00:14:47	
1215.0	104.1	13.9	23.8	00:14:49	
1216.0	99.8	14.0	25.7	00:14:52	
1217.0	97.8	13.5	27.3	00:14:54	
1218.0	92.1	13.3	31.3	00:14:56	
1219.0	116.9	13.3	21.6	00:14:59	
1220.0	95.7	13.3	28.0	00:15:01	
1221.0	99.7	13.3	26.2	00:15:03	
1222.0	95.6	13.3	28.7	00:15:06	
1223.0	98.6	13.4	26.4	00:15:08	
1224.0	90.1	13.6	32.9	00:15:10	
1225.0	99.4	13.6	26.0	00:15:12	
1226.0	89.2	13.6	32.8	00:15:14	
1227.0	96.7	13.6	28.0	00:15:16	
1228.0	92.8	13.6	31.4	00:15:18	
1229.0	93.9	13.6	29.8	00:15:20	
1230.0	98.1	13.8	27.3	00:15:22	
1231.0	97.2	13.8	27.6	00:15:24	
1232.0	94.4	13.8	29.9	00:15:26	
1233.0	84.8	13.8	33.4	00:15:28	
1234.0	87.9	13.8	28.7	00:15:30	
1235.0	78.7	13.8	35.4	00:15:32	
1236.0	82.2	13.8	33.1	00:15:34	
1237.0	88.8	13.8	28.3	00:15:36	
1238.0	81.9	13.8	32.9	00:15:38	
1239.0	86.2	13.8	30.5	00:15:40	
1240.0	89.1	13.8	28.0	00:15:42	
1241.0	91.4	13.7	26.9	00:15:44	
1242.0	90.7	13.1	25.8	00:15:46	
1243.0	94.8	13.0	23.9	00:15:49	
1244.0	92.6	13.0	24.1	00:15:51	
1245.0	94.8	13.4	23.1	00:15:54	
1246.0	91.6	13.6	24.9	00:15:56	
1247.0	88.4	13.6	27.2	00:15:59	
1248.0	87.3	13.7	28.2	00:16:01	
1249.0	91.4	14.0	26.3	00:16:03	
1250.0	83.8	14.0	31.1	00:16:05	
1251.0	86.5	14.0	30.0	00:16:07	
1252.0	81.5	14.0	34.1	00:16:09	
1253.0	82.1	14.0	33.0	00:16:10	
1254.0	77.4	14.0	37.5	00:16:12	
1255.0	81.9	14.0	32.5	00:16:14	
1256.0	78.3	14.0	36.9	00:16:16	
1257.0	75.0	14.0	38.4	00:16:17	
1258.0	100.9	14.0	27.2	00:16:20	
1259.0	84.0	14.0	31.8	00:16:21	
1260.0	84.4	14.0	31.3	00:16:23	
1261.0	90.8	14.0	26.2	00:16:26	
1262.0	86.0	14.0	29.6	00:16:28	
1263.0	85.0	14.0	31.1	00:16:30	
1264.0	83.8	14.1	31.3	00:16:32	
1265.0	89.4	14.4	28.6	00:16:34	
1266.0	86.5	14.5	29.0	00:16:36	
1267.0	86.9	14.5	29.8	00:16:38	
1268.0	88.0	14.5	28.1	00:16:40	
1269.0	77.2	14.5	36.4	00:16:41	
1270.0	82.9	14.5	33.2	00:16:43	
1271.0	72.0	14.4	41.0	00:16:45	
1272.0	78.7	14.5	35.9	00:16:46	
1273.0	88.5	14.5	29.0	00:16:49	
1274.0	79.6	14.5	35.0	00:16:50	
1275.0	80.5	14.5	34.3	00:16:52	
1276.0	89.0	14.7	28.3	00:16:54	
1277.0	79.1	14.9	36.1	00:16:56	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1278.0	78.9	14.9	35.4	00:16:58	
1279.0	88.7	14.9	27.8	00:17:00	
1280.0	79.5	14.9	35.5	00:17:01	
1281.0	82.3	14.9	35.0	00:17:03	
1282.0	85.3	14.9	29.8	00:17:05	
1283.0	80.4	14.9	35.4	00:17:07	
1284.0	81.0	14.9	33.8	00:17:09	
1285.0	84.9	14.9	31.4	00:17:11	
1286.0	81.4	14.9	33.9	00:17:12	
1287.0	87.7	14.9	29.6	00:17:14	
1288.0	85.2	14.9	31.1	00:17:16	
1289.0	86.0	14.9	30.6	00:17:18	
1290.0	84.3	14.9	31.1	00:17:20	
1291.0	85.0	14.9	32.2	00:17:22	
1292.0	83.9	14.9	30.7	00:17:24	
1293.0	88.4	14.9	28.4	00:17:26	
1294.0	84.1	14.9	31.2	00:17:28	
1295.0	81.8	15.1	34.2	00:17:30	
1296.0	83.2	15.2	31.6	00:17:32	
1297.0	85.5	15.2	31.2	00:17:34	
1298.0	85.2	15.3	30.7	00:17:36	
1299.0	82.8	15.3	32.3	00:17:38	
1300.0	84.7	15.3	31.8	00:17:40	
1301.0	88.1	15.3	28.4	00:17:42	
1302.0	79.8	15.3	34.4	00:17:43	
1303.0	87.2	15.3	29.5	00:17:46	
1304.0	79.6	15.3	35.5	00:17:47	
1305.0	83.8	15.3	31.5	00:17:49	
1306.0	88.3	15.3	28.6	00:17:51	
1307.0	86.4	15.3	30.1	00:17:53	
1308.0	88.7	15.3	28.1	00:17:55	
1309.0	84.8	15.3	31.1	00:17:57	
1310.0	85.6	15.3	30.2	00:17:59	
1311.0	80.7	15.3	34.5	00:18:01	
1312.0	86.6	15.3	29.7	00:18:03	
1313.0	86.1	15.3	29.8	00:18:05	
1314.0	84.5	15.3	30.6	00:18:07	
1315.0	83.5	15.3	32.6	00:18:09	
1316.0	84.6	15.3	30.9	00:18:11	
1317.0	80.7	15.3	33.9	00:18:13	
1318.0	83.0	15.3	32.5	00:18:14	
1319.0	82.2	15.3	33.2	00:18:16	
1320.0	88.2	15.3	29.8	00:18:18	
1321.0	84.6	15.3	31.1	00:18:20	
1322.0	86.1	15.3	30.7	00:18:22	
1323.0	84.0	15.3	31.3	00:18:24	
1324.0	83.0	15.3	32.8	00:18:26	
1325.0	82.7	15.3	32.4	00:18:28	
1326.0	79.9	15.2	35.6	00:18:29	
1327.0	83.8	15.3	31.9	00:18:31	
1328.0	83.1	15.3	33.2	00:18:33	
1329.0	84.5	15.3	32.4	00:18:35	
1330.0	86.7	15.3	32.9	00:18:37	
1331.0	87.9	15.3	32.6	00:18:39	
1332.0	88.0	15.3	31.3	00:18:41	
1333.0	81.2	15.3	35.0	00:18:42	
1334.0	88.2	15.3	30.2	00:18:44	
1335.0	81.6	15.3	34.4	00:18:46	
1336.0	81.9	15.3	34.4	00:18:48	
1337.0	86.3	15.3	31.4	00:18:50	
1338.0	86.0	15.3	30.8	00:18:52	
1339.0	92.9	15.3	27.2	00:18:54	
1340.0	83.5	15.3	32.6	00:18:56	
1341.0	90.3	15.3	28.8	00:18:58	
1342.0	81.5	15.3	34.3	00:18:59	
1343.0	88.8	15.3	30.0	00:19:01	
1344.0	82.7	15.3	33.4	00:19:03	
1345.0	87.5	15.3	30.6	00:19:05	
1346.0	85.4	15.3	32.1	00:19:07	
1347.0	83.7	15.3	32.4	00:19:09	
1348.0	86.4	15.3	31.7	00:19:11	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1349.0	81.4	15.3	34.1	00:19:13	
1350.0	84.4	15.3	33.0	00:19:14	
1351.0	80.4	15.3	35.1	00:19:16	
1352.0	82.2	15.3	34.3	00:19:18	
1353.0	78.6	15.3	36.5	00:19:20	
1354.0	84.9	15.3	33.0	00:19:21	
1355.0	81.1	15.3	35.5	00:19:23	
1356.0	87.1	15.3	31.0	00:19:25	
1357.0	86.2	15.3	31.6	00:19:27	
1358.0	82.9	15.3	32.6	00:19:29	
1359.0	89.1	15.3	30.1	00:19:31	
1360.0	81.4	15.3	33.8	00:19:33	
1361.0	86.9	15.3	31.7	00:19:34	
1362.0	83.5	15.3	32.9	00:19:36	
1363.0	85.2	15.3	32.4	00:19:38	
1364.0	80.9	15.3	35.1	00:19:40	
1365.0	83.6	15.3	33.3	00:19:42	
1366.0	80.6	15.3	35.4	00:19:43	
1367.0	88.9	15.3	29.3	00:19:45	
1368.0	90.5	15.3	28.7	00:19:47	
1369.0	90.4	15.3	28.0	00:19:50	
1370.0	92.0	15.3	26.4	00:19:52	
1371.0	92.4	15.3	26.9	00:19:54	
1372.0	91.5	15.3	26.2	00:19:56	
1373.0	93.5	15.3	25.8	00:19:59	
1374.0	91.1	15.3	26.5	00:20:01	
1375.0	93.0	15.3	25.9	00:20:03	
1376.0	93.3	15.3	25.3	00:20:06	
1377.0	94.3	15.3	24.7	00:20:08	
1378.0	93.8	15.3	24.9	00:20:11	
1379.0	93.2	15.3	25.1	00:20:13	
1380.0	93.7	15.3	25.2	00:20:15	
1381.0	92.0	15.3	25.8	00:20:18	
1382.0	94.1	15.3	25.1	00:20:20	
1383.0	91.6	15.3	25.7	00:20:22	
1384.0	94.5	15.3	24.6	00:20:25	
1385.0	92.9	15.3	25.0	00:20:27	
1386.0	95.5	15.3	24.2	00:20:30	
1387.0	95.0	15.3	23.7	00:20:32	
1388.0	95.6	15.3	23.0	00:20:35	
1389.0	94.8	15.3	23.7	00:20:38	
1390.0	93.9	15.3	24.1	00:20:40	
1391.0	94.9	15.3	24.1	00:20:42	
1392.0	93.7	15.3	24.3	00:20:45	
1393.0	94.0	15.3	24.8	00:20:47	
1394.0	93.8	15.3	24.4	00:20:50	
1395.0	95.3	15.3	23.8	00:20:52	
1396.0	94.8	15.3	24.2	00:20:55	
1397.0	95.8	15.3	23.1	00:20:57	
1398.0	95.1	15.3	23.9	00:21:00	
1399.0	95.0	15.3	23.1	00:21:03	
1400.0	95.9	15.3	23.1	00:21:05	
1401.0	95.2	15.3	23.2	00:21:08	
1402.0	95.1	15.3	23.9	00:21:10	
1403.0	93.2	15.3	24.4	00:21:13	
1404.0	95.7	15.3	23.5	00:21:15	
1405.0	93.4	15.3	25.0	00:21:18	
1406.0	94.6	15.3	23.9	00:21:20	
1407.0	95.0	15.3	24.1	00:21:23	
1408.0	94.7	15.3	23.3	00:21:25	
1409.0	95.3	15.3	23.9	00:21:28	
1410.0	94.8	15.3	23.5	00:21:30	
1411.0	95.9	15.3	23.6	00:21:33	
1412.0	94.8	15.3	23.2	00:21:36	
1413.0	96.8	15.3	22.6	00:21:38	
1414.0	94.7	15.3	23.7	00:21:41	
1415.0	95.0	15.3	23.2	00:21:43	
1416.0	94.2	15.3	24.4	00:21:46	
1417.0	94.3	15.3	23.7	00:21:48	
1418.0	94.2	15.3	24.5	00:21:51	
1419.0	93.5	15.3	24.3	00:21:53	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1420.0	95.1	15.3	24.3	00:21:56	
1421.0	93.9	15.3	24.0	00:21:58	
1422.0	97.7	15.3	22.5	00:22:01	
1423.0	93.6	15.3	24.8	00:22:03	
1424.0	96.3	15.3	22.8	00:22:06	
1425.0	95.0	15.3	24.2	00:22:09	
1426.0	94.2	15.3	23.8	00:22:11	
1427.0	95.8	15.3	23.6	00:22:14	
1428.0	94.5	15.3	23.5	00:22:16	
1429.0	97.9	15.3	22.4	00:22:19	
1430.0	95.8	15.3	22.6	00:22:22	
1431.0	97.5	15.3	21.7	00:22:24	
1432.0	95.8	15.3	23.2	00:22:27	
1433.0	95.7	15.3	22.5	00:22:30	
1434.0	97.0	15.3	22.5	00:22:32	
1435.0	96.3	15.3	22.2	00:22:35	
1436.0	97.3	15.3	22.1	00:22:38	
1437.0	102.3	15.3	22.2	00:22:40	
1438.0	104.6	15.3	23.1	00:22:43	
1439.0	102.8	15.3	24.3	00:22:46	
1440.0	105.4	15.3	22.0	00:22:48	
1441.0	102.9	15.3	24.5	00:22:51	
1442.0	105.5	15.3	21.7	00:22:53	
1443.0	104.1	15.2	24.0	00:22:56	
1444.0	103.2	15.3	23.2	00:22:59	
1445.0	105.2	15.3	23.2	00:23:01	
1446.0	102.5	15.3	23.8	00:23:04	
1447.0	104.9	15.3	23.0	00:23:06	
1448.0	101.9	15.3	24.5	00:23:09	
1449.0	107.2	15.3	21.6	00:23:12	
1450.0	99.7	15.3	26.3	00:23:14	
1451.0	107.3	15.3	21.1	00:23:17	
1452.0	102.2	15.3	25.1	00:23:19	
1453.0	103.7	15.3	22.8	00:23:22	
1454.0	102.2	15.3	25.3	00:23:24	
1455.0	102.7	15.3	24.0	00:23:27	
1456.0	103.2	15.3	25.3	00:23:29	
1457.0	100.1	15.3	25.7	00:23:31	
1458.0	103.3	15.3	25.0	00:23:34	
1459.0	97.4	15.3	27.9	00:23:36	
1460.0	101.6	15.3	25.7	00:23:38	
1461.0	96.8	15.3	28.6	00:23:40	
1462.0	101.9	15.3	25.6	00:23:43	
1463.0	98.7	15.3	27.7	00:23:45	
1464.0	100.5	15.3	26.2	00:23:47	
1465.0	101.1	15.3	26.8	00:23:49	
1466.0	99.4	15.3	26.5	00:23:52	
1467.0	103.3	15.3	25.2	00:23:54	
1468.0	98.0	15.3	27.6	00:23:56	
1469.0	102.8	15.3	25.1	00:23:59	
1470.0	98.3	15.3	27.7	00:24:01	
1471.0	102.0	15.3	25.2	00:24:03	
1472.0	99.6	15.3	27.2	00:24:05	
1473.0	100.4	15.3	26.1	00:24:08	
1474.0	102.0	15.3	26.0	00:24:10	
1475.0	98.4	15.3	27.0	00:24:12	
1476.0	103.4	15.3	25.1	00:24:15	
1477.0	97.9	15.3	27.6	00:24:17	
1478.0	103.0	15.3	24.7	00:24:19	
1479.0	99.8	15.3	26.8	00:24:21	
1480.0	102.6	15.3	24.6	00:24:24	
1481.0	101.5	15.3	26.0	00:24:26	
1482.0	102.0	15.3	24.8	00:24:28	
1483.0	104.8	15.3	23.9	00:24:31	
1484.0	100.1	15.3	25.7	00:24:33	
1485.0	106.1	15.3	22.8	00:24:36	
1486.0	100.4	15.3	26.0	00:24:38	
1487.0	104.2	15.3	23.5	00:24:41	
1488.0	102.6	15.3	25.0	00:24:43	
1489.0	104.5	15.3	23.2	00:24:46	
1490.0	105.6	15.3	23.5	00:24:49	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1491.0	102.3	15.3	23.8	00:24:51	
1492.0	108.2	15.3	21.3	00:24:54	
1493.0	101.9	15.3	24.6	00:24:56	
1494.0	108.0	15.3	20.8	00:24:59	
1495.0	105.4	15.3	23.0	00:25:02	
1496.0	106.6	15.3	20.8	00:25:05	
1497.0	108.5	15.3	20.7	00:25:08	
1498.0	106.0	15.3	20.8	00:25:10	
1499.0	110.4	15.3	18.6	00:25:14	
1500.0	107.7	15.3	20.3	00:25:17	
1501.0	107.2	15.3	19.7	00:25:20	
1502.0	109.0	15.3	19.6	00:25:23	
1503.0	106.8	15.3	20.1	00:25:26	
1504.0	109.1	15.3	19.3	00:25:29	
1505.0	108.1	15.3	20.1	00:25:32	
1506.0	110.1	15.3	18.2	00:25:35	
1507.0	108.8	15.3	19.6	00:25:38	
1508.0	108.9	15.3	19.0	00:25:42	
1509.0	109.0	15.3	19.6	00:25:45	
1510.0	106.1	15.3	19.3	00:25:48	
1510.3	10.9	15.3	1.6	00:26:06	Stop (10:10)