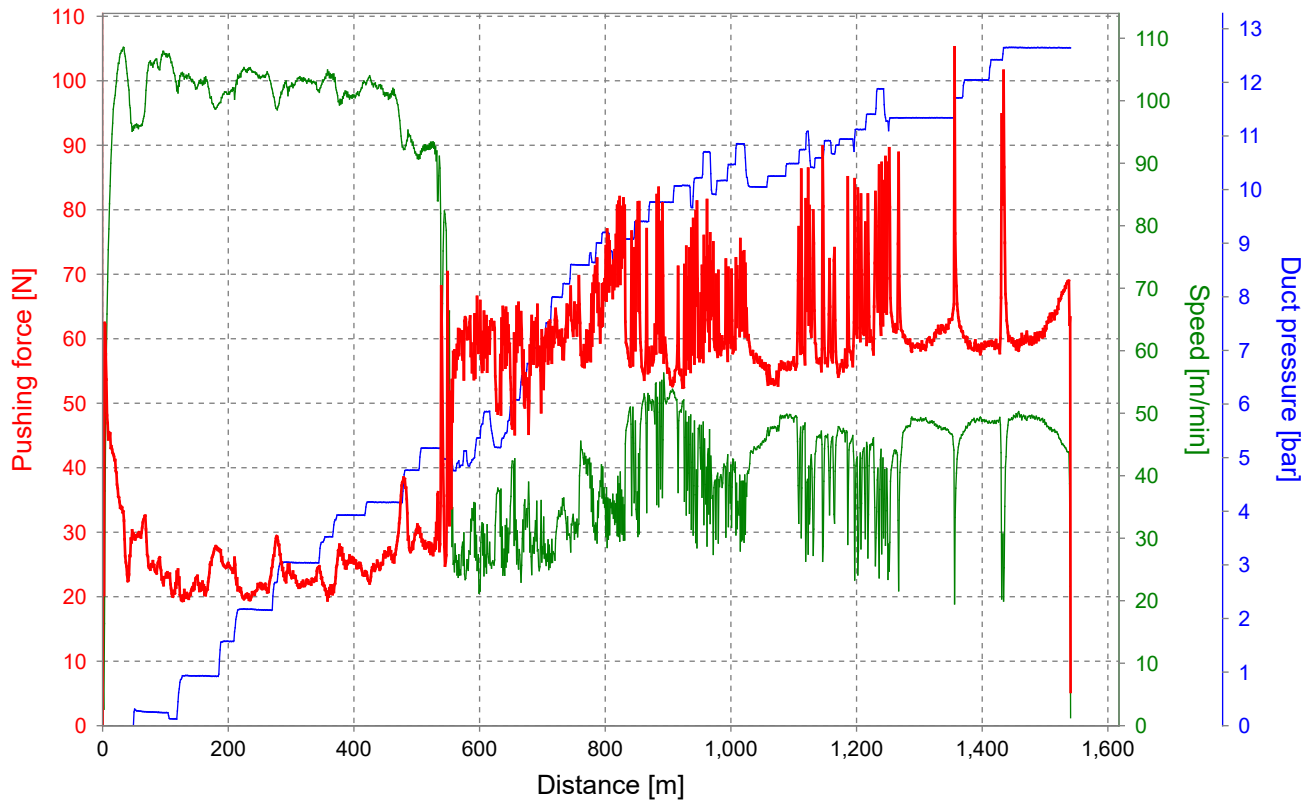


KCEP Kazcentrelectroprovod LLP 1 <A>, Makarenko st. KZ-M22D3A8 Saran, Karaganda region, Kasachstan		<h1>Jetting Report</h1>		KCEP
Project-#	KCEP Cable blowing test	Date: 10/28/19		
Trace Section	V4-24F_D6.2			
Company name	KCEP	Operator: A. Zoller		
Remarks	Blowing in process successful			
Duct specs		Cable specs		Devices
Manufacturer: Gabocom		Manufacturer: KCEP		Jetting machine: IntelliJet-P02 (SN#122360)
Duct type: 10x1,0 (10/8)		Designation: A-DQ(ZN)2Y 2x12-G652.D-UCF-1081		+ Slipping clutch [] + Lubricator []
Duct assy: 3 x 1530 in 50x4.6		Cable Ø: 6.2 mm	Fiber amount: 24	Lubricant: MicroJetting Lube
Color/marks: 2x Red		Reel Nb.: 004		Compressor: MK 17
Inner design: Grooved		Metering: Start: 2500 m End: 969 m		+ Oil separator [X] + aftercooler [X]
Duct temperature: 8 °C		Cable temperature: 11 °C		Cable Tap type: [X]
Summary:	Max pushforce: 270 N (Measured by the crashtest)			
Trace distance: 1540.7 m	Weather: 13.5 °C, 66.5 % humidity.		Jetting temperature: 10.5 °C	
Jetting duration: 00:32:20	Operating mode: Recording only		GPS Location: 47.6320°; 8.5795°; 419 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 (15:37)
1540.7	5.2	12.6	1.3	00:32:20	Stop (16:09)

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 (15:37)
1.0	44.9	0.0	6.3	00:00:07	
2.0	20.3	0.0	2.6	00:00:28	
3.0	62.4	0.0	16.3	00:00:31	
4.0	62.2	0.0	37.6	00:00:33	
5.0	57.6	0.0	50.0	00:00:34	
6.0	53.7	0.0	59.5	00:00:35	
7.0	48.2	0.0	65.9	00:00:36	
8.0	46.9	0.0	71.0	00:00:37	
9.0	44.4	0.0	76.2	00:00:38	
10.0	45.5	0.0	79.5	00:00:38	
11.0	44.7	0.0	83.5	00:00:39	
12.0	45.3	0.0	86.4	00:00:40	
13.0	43.1	0.0	90.0	00:00:41	
14.0	43.3	0.0	92.2	00:00:41	
15.0	42.8	0.0	94.7	00:00:42	
16.0	42.3	0.0	96.4	00:00:42	
17.0	42.1	0.0	98.6	00:00:43	
18.0	41.8	0.0	99.5	00:00:44	
19.0	41.2	0.0	100.4	00:00:44	
20.0	41.2	0.0	100.9	00:00:45	
21.0	39.5	0.0	102.3	00:00:45	
22.0	39.2	0.0	102.9	00:00:46	
23.0	37.4	0.0	104.4	00:00:47	
24.0	36.8	0.0	105.0	00:00:47	
25.0	35.5	0.0	106.0	00:00:48	
26.0	35.4	0.0	106.0	00:00:48	
27.0	34.7	0.0	107.0	00:00:49	
28.0	33.8	0.0	107.5	00:00:49	
29.0	34.0	0.0	107.6	00:00:50	
30.0	33.6	0.0	108.1	00:00:50	
31.0	33.8	0.0	107.9	00:00:51	
32.0	33.1	0.0	108.2	00:00:52	
33.0	33.2	0.0	108.5	00:00:52	
34.0	31.8	0.0	108.5	00:00:53	
35.0	28.9	0.0	107.5	00:00:53	
36.0	26.3	0.0	107.1	00:00:54	
37.0	25.3	0.0	106.3	00:00:54	
38.0	24.7	0.0	105.2	00:00:55	
39.0	23.4	0.0	104.4	00:00:56	
40.0	22.4	0.0	103.4	00:00:56	
41.0	22.5	0.0	102.4	00:00:57	
42.0	23.4	0.0	101.7	00:00:57	
43.0	26.3	0.0	99.3	00:00:58	
44.0	26.3	0.0	98.9	00:00:58	
45.0	29.0	0.0	96.5	00:00:59	
46.0	28.4	0.0	96.3	00:01:00	
47.0	30.3	0.0	95.1	00:01:00	
48.0	29.7	0.0	95.8	00:01:01	
49.0	29.8	0.0	95.3	00:01:02	
50.0	29.3	0.3	96.0	00:01:02	
51.0	28.9	0.3	95.7	00:01:03	
52.0	28.9	0.3	96.2	00:01:04	
53.0	29.5	0.3	96.0	00:01:04	
54.0	29.3	0.3	96.3	00:01:05	
55.0	29.6	0.3	95.7	00:01:05	
56.0	29.4	0.3	96.1	00:01:06	
57.0	29.8	0.3	95.5	00:01:07	
58.0	30.0	0.3	96.0	00:01:07	
59.0	29.3	0.3	96.0	00:01:08	
60.0	29.6	0.3	96.0	00:01:09	
61.0	29.2	0.3	96.0	00:01:09	
62.0	30.0	0.3	96.2	00:01:10	
63.0	30.8	0.3	96.1	00:01:10	
64.0	31.5	0.3	96.7	00:01:11	
65.0	31.9	0.3	97.2	00:01:12	
66.0	32.1	0.3	97.5	00:01:12	
67.0	32.5	0.3	98.3	00:01:13	
68.0	32.5	0.3	99.5	00:01:14	
69.0	30.5	0.3	101.7	00:01:14	
70.0	28.5	0.3	102.9	00:01:15	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
71.0	26.5	0.3	104.5	00:01:15	
72.0	26.2	0.3	104.8	00:01:16	
73.0	24.8	0.3	105.7	00:01:16	
74.0	24.5	0.3	106.1	00:01:17	
75.0	24.6	0.3	106.2	00:01:18	
76.0	24.2	0.3	106.4	00:01:18	
77.0	25.0	0.3	105.7	00:01:19	
78.0	24.9	0.3	106.0	00:01:19	
79.0	24.9	0.3	105.8	00:01:20	
80.0	25.5	0.3	105.4	00:01:20	
81.0	24.6	0.3	106.1	00:01:21	
82.0	24.9	0.3	106.0	00:01:21	
83.0	24.2	0.3	106.4	00:01:22	
84.0	23.9	0.3	106.5	00:01:23	
85.0	23.8	0.3	106.7	00:01:23	
86.0	23.6	0.3	106.7	00:01:24	
87.0	24.6	0.3	106.0	00:01:24	
88.0	25.3	0.2	105.3	00:01:25	
89.0	25.5	0.3	105.4	00:01:25	
90.0	26.0	0.2	105.0	00:01:26	
91.0	26.1	0.2	105.0	00:01:27	
92.0	24.5	0.2	106.1	00:01:27	
93.0	24.1	0.2	106.6	00:01:28	
94.0	22.7	0.2	107.4	00:01:28	
95.0	23.0	0.2	107.2	00:01:29	
96.0	22.2	0.2	107.9	00:01:29	
97.0	21.8	0.2	107.9	00:01:30	
98.0	23.0	0.2	107.4	00:01:30	
99.0	23.0	0.2	107.6	00:01:31	
100.0	23.1	0.2	107.5	00:01:32	
101.0	23.6	0.2	107.1	00:01:32	
102.0	23.0	0.2	107.5	00:01:33	
103.0	23.8	0.2	107.0	00:01:33	
104.0	23.1	0.2	107.3	00:01:34	
105.0	23.3	0.2	107.2	00:01:34	
106.0	23.0	0.1	107.5	00:01:35	
107.0	23.6	0.1	107.0	00:01:36	
108.0	22.0	0.1	106.8	00:01:36	
109.0	21.2	0.1	106.1	00:01:37	
110.0	20.5	0.1	106.2	00:01:37	
111.0	20.1	0.1	105.6	00:01:38	
112.0	20.0	0.1	105.3	00:01:38	
113.0	20.9	0.1	104.5	00:01:39	
114.0	20.5	0.1	104.4	00:01:39	
115.0	20.6	0.1	104.0	00:01:40	
116.0	22.1	0.1	103.1	00:01:41	
117.0	21.4	0.1	103.1	00:01:41	
118.0	23.9	0.1	101.6	00:01:42	
119.0	22.9	0.3	102.3	00:01:42	
120.0	24.2	0.4	101.3	00:01:43	
121.0	22.0	0.6	103.2	00:01:44	
122.0	23.0	0.7	102.3	00:01:44	
123.0	20.3	0.8	104.0	00:01:45	
124.0	20.1	0.9	103.9	00:01:45	
125.0	19.5	0.9	104.4	00:01:46	
126.0	19.5	0.9	104.2	00:01:46	
127.0	19.4	0.9	104.5	00:01:47	
128.0	20.2	0.9	104.0	00:01:48	
129.0	19.4	0.9	104.3	00:01:48	
130.0	21.0	0.9	103.5	00:01:49	
131.0	20.2	0.9	103.9	00:01:49	
132.0	20.5	0.9	103.8	00:01:50	
133.0	19.8	0.9	104.1	00:01:51	
134.0	20.6	0.9	103.6	00:01:51	
135.0	20.2	0.9	104.0	00:01:52	
136.0	20.1	0.9	104.0	00:01:52	
137.0	19.7	0.9	104.3	00:01:53	
138.0	20.1	0.9	103.6	00:01:53	
139.0	20.5	0.9	103.8	00:01:54	
140.0	20.3	0.9	103.5	00:01:55	
141.0	21.0	0.9	103.4	00:01:55	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
142.0	21.3	0.9	103.1	00:01:56	
143.0	21.5	0.9	103.4	00:01:56	
144.0	21.0	0.9	103.1	00:01:57	
145.0	22.0	0.9	102.8	00:01:58	
146.0	21.2	0.9	103.0	00:01:58	
147.0	22.1	0.9	102.5	00:01:59	
148.0	22.8	0.9	101.9	00:01:59	
149.0	23.0	0.9	102.1	00:02:00	
150.0	22.9	0.9	101.9	00:02:00	
151.0	23.2	0.9	102.2	00:02:01	
152.0	21.9	0.9	102.5	00:02:02	
153.0	22.1	0.9	102.9	00:02:02	
154.0	20.9	0.9	103.2	00:02:03	
155.0	22.0	0.9	102.8	00:02:03	
156.0	21.0	0.9	103.4	00:02:04	
157.0	21.6	0.9	102.8	00:02:05	
158.0	21.2	0.9	102.9	00:02:05	
159.0	22.3	0.9	102.5	00:02:06	
160.0	21.1	0.9	103.1	00:02:06	
161.0	21.8	0.9	102.7	00:02:07	
162.0	20.3	0.9	103.6	00:02:07	
163.0	21.4	0.9	102.8	00:02:08	
164.0	20.2	0.9	103.8	00:02:09	
165.0	20.8	0.9	103.2	00:02:09	
166.0	21.1	0.9	103.3	00:02:10	
167.0	21.1	0.9	103.0	00:02:10	
168.0	22.3	0.9	102.2	00:02:11	
169.0	22.9	0.9	101.9	00:02:12	
170.0	23.7	0.9	101.3	00:02:12	
171.0	25.0	0.9	100.5	00:02:13	
172.0	25.3	0.9	100.4	00:02:13	
173.0	25.0	0.9	100.6	00:02:14	
174.0	26.0	0.9	99.7	00:02:15	
175.0	26.3	0.9	99.5	00:02:15	
176.0	26.6	0.9	99.5	00:02:16	
177.0	27.0	0.9	99.0	00:02:16	
178.0	27.4	0.9	98.9	00:02:17	
179.0	27.5	0.9	98.7	00:02:18	
180.0	27.8	0.9	98.7	00:02:18	
181.0	27.6	0.9	98.9	00:02:19	
182.0	27.7	0.9	99.0	00:02:19	
183.0	27.3	0.9	99.2	00:02:20	
184.0	27.5	0.9	99.3	00:02:21	
185.0	27.2	1.0	99.6	00:02:21	
186.0	27.3	1.2	99.6	00:02:22	
187.0	27.0	1.4	99.7	00:02:22	
188.0	27.2	1.6	99.7	00:02:23	
189.0	25.6	1.6	100.5	00:02:24	
190.0	26.1	1.6	100.5	00:02:24	
191.0	25.2	1.6	100.9	00:02:25	
192.0	24.9	1.6	101.1	00:02:25	
193.0	24.9	1.6	101.1	00:02:26	
194.0	24.7	1.6	101.4	00:02:27	
195.0	24.6	1.6	101.4	00:02:27	
196.0	24.5	1.6	101.4	00:02:28	
197.0	24.6	1.6	101.4	00:02:28	
198.0	24.6	1.6	101.1	00:02:29	
199.0	25.1	1.6	101.0	00:02:30	
200.0	25.2	1.6	101.0	00:02:30	
201.0	24.7	1.6	101.4	00:02:31	
202.0	24.8	1.6	101.1	00:02:31	
203.0	24.5	1.6	101.4	00:02:32	
204.0	24.4	1.6	101.6	00:02:32	
205.0	24.2	1.6	101.7	00:02:33	
206.0	24.3	1.6	101.5	00:02:34	
207.0	23.7	1.6	102.1	00:02:34	
208.0	24.2	1.6	101.7	00:02:35	
209.0	23.8	1.6	102.0	00:02:35	
210.0	26.0	1.8	100.2	00:02:36	
211.0	25.0	1.8	101.5	00:02:37	
212.0	22.9	2.0	102.5	00:02:37	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
213.0	22.0	2.0	103.3	00:02:38	
214.0	22.8	2.1	102.7	00:02:38	
215.0	21.0	2.2	104.1	00:02:39	
216.0	21.4	2.2	103.6	00:02:39	
217.0	21.1	2.2	103.9	00:02:40	
218.0	21.4	2.2	103.7	00:02:41	
219.0	20.8	2.2	104.4	00:02:41	
220.0	21.3	2.2	103.8	00:02:42	
221.0	20.6	2.2	104.7	00:02:42	
222.0	20.2	2.2	104.7	00:02:43	
223.0	19.9	2.2	105.0	00:02:44	
224.0	19.9	2.2	105.0	00:02:44	
225.0	19.6	2.2	105.3	00:02:45	
226.0	20.0	2.2	105.0	00:02:45	
227.0	19.9	2.2	105.0	00:02:46	
228.0	20.3	2.2	104.7	00:02:46	
229.0	20.4	2.2	104.9	00:02:47	
230.0	20.4	2.2	104.5	00:02:48	
231.0	19.9	2.2	105.1	00:02:48	
232.0	20.3	2.2	104.9	00:02:49	
233.0	19.5	2.2	105.3	00:02:49	
234.0	19.7	2.2	105.1	00:02:50	
235.0	19.5	2.2	105.3	00:02:50	
236.0	19.8	2.2	105.0	00:02:51	
237.0	20.1	2.2	104.8	00:02:52	
238.0	20.7	2.2	104.6	00:02:52	
239.0	20.4	2.2	104.7	00:02:53	
240.0	20.6	2.2	104.6	00:02:53	
241.0	20.7	2.2	104.6	00:02:54	
242.0	20.3	2.2	104.5	00:02:54	
243.0	20.8	2.2	104.6	00:02:55	
244.0	20.9	2.2	104.2	00:02:56	
245.0	21.0	2.2	104.4	00:02:56	
246.0	21.1	2.2	104.2	00:02:57	
247.0	22.0	2.2	104.0	00:02:57	
248.0	21.7	2.2	103.7	00:02:58	
249.0	21.9	2.2	104.1	00:02:58	
250.0	21.6	2.2	103.7	00:02:59	
251.0	22.1	2.2	103.6	00:03:00	
252.0	21.3	2.2	103.8	00:03:00	
253.0	22.0	2.2	103.7	00:03:01	
254.0	21.2	2.2	103.9	00:03:01	
255.0	21.6	2.2	104.1	00:03:02	
256.0	21.3	2.2	103.8	00:03:03	
257.0	21.7	2.2	104.0	00:03:03	
258.0	21.9	2.2	103.8	00:03:04	
259.0	22.0	2.2	103.7	00:03:04	
260.0	21.2	2.2	104.2	00:03:05	
261.0	21.3	2.2	104.3	00:03:05	
262.0	20.7	2.2	104.6	00:03:06	
263.0	21.2	2.2	104.3	00:03:07	
264.0	20.8	2.2	104.2	00:03:07	
265.0	22.0	2.2	103.9	00:03:08	
266.0	22.4	2.2	103.3	00:03:08	
267.0	23.0	2.2	103.2	00:03:09	
268.0	23.3	2.2	102.7	00:03:09	
269.0	24.4	2.2	102.1	00:03:10	
270.0	24.6	2.2	101.8	00:03:11	
271.0	25.7	2.4	101.2	00:03:11	
272.0	26.4	2.5	100.7	00:03:12	
273.0	26.4	2.6	100.5	00:03:12	
274.0	27.5	2.7	99.8	00:03:13	
275.0	28.5	2.7	99.2	00:03:14	
276.0	29.1	2.7	98.8	00:03:14	
277.0	29.4	2.7	98.8	00:03:15	
278.0	29.3	2.7	98.5	00:03:15	
279.0	28.7	2.8	99.0	00:03:16	
280.0	28.0	2.9	99.3	00:03:17	
281.0	28.1	3.0	99.6	00:03:17	
282.0	26.5	3.0	100.5	00:03:18	
283.0	26.6	3.0	100.5	00:03:18	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
284.0	25.1	3.0	101.4	00:03:19	
285.0	25.3	3.0	101.1	00:03:20	
286.0	24.2	3.0	101.6	00:03:20	
287.0	24.4	3.0	101.8	00:03:21	
288.0	23.2	3.0	102.5	00:03:21	
289.0	23.5	3.0	102.1	00:03:22	
290.0	22.6	3.0	102.9	00:03:23	
291.0	22.7	3.0	102.8	00:03:23	
292.0	22.3	3.0	103.2	00:03:24	
293.0	23.8	3.0	102.3	00:03:24	
294.0	23.8	3.0	102.1	00:03:25	
295.0	25.0	3.0	100.8	00:03:25	
296.0	23.8	3.0	102.2	00:03:26	
297.0	25.0	3.0	101.6	00:03:27	
298.0	23.8	3.0	102.3	00:03:27	
299.0	23.4	3.0	102.3	00:03:28	
300.0	23.3	3.0	102.3	00:03:28	
301.0	22.9	3.0	102.8	00:03:29	
302.0	23.0	3.0	102.6	00:03:30	
303.0	23.9	3.0	102.1	00:03:30	
304.0	23.0	3.0	102.6	00:03:31	
305.0	23.3	3.0	102.5	00:03:31	
306.0	23.0	3.0	102.6	00:03:32	
307.0	23.2	3.0	103.0	00:03:33	
308.0	22.2	3.0	103.2	00:03:33	
309.0	22.4	3.0	103.1	00:03:34	
310.0	21.8	3.0	103.6	00:03:34	
311.0	21.7	3.0	103.5	00:03:35	
312.0	21.4	3.0	103.7	00:03:35	
313.0	21.9	3.0	103.6	00:03:36	
314.0	21.4	3.0	103.8	00:03:37	
315.0	21.9	3.0	103.3	00:03:37	
316.0	21.6	3.0	103.6	00:03:38	
317.0	22.2	3.0	103.2	00:03:38	
318.0	21.8	3.0	103.6	00:03:39	
319.0	22.5	3.0	103.1	00:03:40	
320.0	21.7	3.0	103.7	00:03:40	
321.0	21.8	3.0	103.3	00:03:41	
322.0	21.7	3.0	103.5	00:03:41	
323.0	22.0	3.0	103.3	00:03:42	
324.0	22.4	3.0	103.1	00:03:42	
325.0	22.6	3.0	102.8	00:03:43	
326.0	22.2	3.0	103.2	00:03:44	
327.0	22.5	3.0	103.1	00:03:44	
328.0	22.0	3.0	103.5	00:03:45	
329.0	22.3	3.0	103.1	00:03:45	
330.0	22.2	3.0	103.2	00:03:46	
331.0	22.3	3.0	103.0	00:03:47	
332.0	21.9	3.0	103.3	00:03:47	
333.0	22.8	3.0	102.8	00:03:48	
334.0	22.5	3.0	103.0	00:03:48	
335.0	22.7	3.0	103.0	00:03:49	
336.0	22.3	3.0	103.1	00:03:49	
337.0	22.5	3.0	102.9	00:03:50	
338.0	22.5	3.0	102.9	00:03:51	
339.0	22.9	3.0	102.6	00:03:51	
340.0	22.5	3.0	102.9	00:03:52	
341.0	24.0	3.0	101.8	00:03:52	
342.0	24.4	3.0	101.7	00:03:53	
343.0	24.5	3.0	101.6	00:03:54	
344.0	24.6	3.0	101.7	00:03:54	
345.0	24.7	3.1	101.3	00:03:55	
346.0	23.8	3.3	102.0	00:03:55	
347.0	23.8	3.4	102.1	00:03:56	
348.0	22.8	3.4	102.5	00:03:56	
349.0	23.0	3.4	102.7	00:03:57	
350.0	21.9	3.4	103.3	00:03:58	
351.0	22.1	3.4	103.0	00:03:58	
352.0	21.7	3.5	103.3	00:03:59	
353.0	21.7	3.5	103.4	00:03:59	
354.0	21.1	3.5	103.8	00:04:00	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
355.0	21.2	3.5	103.6	00:04:01	
356.0	20.3	3.5	104.3	00:04:01	
357.0	20.6	3.5	104.0	00:04:02	
358.0	19.4	3.5	104.9	00:04:02	
359.0	20.8	3.5	104.2	00:04:03	
360.0	20.0	3.5	104.6	00:04:03	
361.0	21.3	3.5	103.7	00:04:04	
362.0	20.5	3.5	104.4	00:04:05	
363.0	21.7	3.5	103.7	00:04:05	
364.0	20.6	3.5	104.2	00:04:06	
365.0	21.7	3.5	103.7	00:04:06	
366.0	20.4	3.5	104.2	00:04:07	
367.0	21.6	3.6	103.4	00:04:07	
368.0	20.7	3.7	104.3	00:04:08	
369.0	21.8	3.8	103.1	00:04:09	
370.0	22.0	3.8	103.7	00:04:09	
371.0	23.0	3.8	102.1	00:04:10	
372.0	24.6	3.9	101.7	00:04:10	
373.0	24.9	3.9	101.3	00:04:11	
374.0	25.8	3.9	100.8	00:04:12	
375.0	27.2	3.9	99.8	00:04:12	
376.0	27.1	3.9	100.0	00:04:13	
377.0	28.1	3.9	99.3	00:04:13	
378.0	26.4	3.9	100.2	00:04:14	
379.0	27.6	3.9	99.5	00:04:15	
380.0	26.5	3.9	100.2	00:04:15	
381.0	27.5	3.9	99.6	00:04:16	
382.0	25.8	3.9	100.6	00:04:16	
383.0	26.6	3.9	100.4	00:04:17	
384.0	25.1	3.9	101.2	00:04:18	
385.0	25.5	3.9	100.9	00:04:18	
386.0	24.4	3.9	101.6	00:04:19	
387.0	25.1	3.9	101.2	00:04:19	
388.0	24.4	3.9	101.5	00:04:20	
389.0	25.5	3.9	100.7	00:04:20	
390.0	25.1	3.9	101.4	00:04:21	
391.0	25.5	3.9	100.6	00:04:22	
392.0	25.3	3.9	100.9	00:04:22	
393.0	26.4	3.9	100.3	00:04:23	
394.0	25.5	3.9	100.8	00:04:23	
395.0	26.1	3.9	100.5	00:04:24	
396.0	25.3	3.9	100.8	00:04:25	
397.0	26.1	3.9	100.4	00:04:25	
398.0	25.6	3.9	100.9	00:04:26	
399.0	26.0	3.9	100.6	00:04:26	
400.0	25.2	3.9	100.9	00:04:27	
401.0	25.7	3.9	100.8	00:04:28	
402.0	25.6	3.9	100.5	00:04:28	
403.0	25.6	3.9	100.8	00:04:29	
404.0	24.5	3.9	101.2	00:04:29	
405.0	25.0	3.9	101.0	00:04:30	
406.0	24.5	3.9	101.4	00:04:31	
407.0	25.0	3.9	101.0	00:04:31	
408.0	25.2	3.9	100.8	00:04:32	
409.0	24.5	3.9	101.4	00:04:32	
410.0	25.2	3.9	101.5	00:04:33	
411.0	24.9	3.9	101.8	00:04:34	
412.0	24.3	3.9	102.1	00:04:34	
413.0	23.9	3.9	102.1	00:04:35	
414.0	23.4	3.9	102.9	00:04:35	
415.0	23.5	3.9	102.8	00:04:36	
416.0	23.3	3.9	103.1	00:04:37	
417.0	23.3	3.9	103.0	00:04:37	
418.0	23.9	4.0	102.9	00:04:38	
419.0	23.7	4.1	102.6	00:04:38	
420.0	23.8	4.1	102.8	00:04:39	
421.0	23.3	4.2	103.2	00:04:39	
422.0	22.7	4.2	103.3	00:04:40	
423.0	22.5	4.2	103.6	00:04:41	
424.0	22.5	4.2	103.7	00:04:41	
425.0	22.1	4.2	104.0	00:04:42	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
426.0	22.5	4.2	103.7	00:04:42	
427.0	23.0	4.2	103.3	00:04:43	
428.0	24.0	4.2	102.9	00:04:44	
429.0	24.5	4.2	102.6	00:04:44	
430.0	24.3	4.2	102.8	00:04:45	
431.0	25.0	4.2	102.2	00:04:45	
432.0	24.5	4.2	102.6	00:04:46	
433.0	24.0	4.2	102.7	00:04:46	
434.0	24.3	4.2	102.8	00:04:47	
435.0	24.8	4.2	102.2	00:04:48	
436.0	24.7	4.2	102.4	00:04:48	
437.0	25.6	4.2	101.9	00:04:49	
438.0	25.2	4.2	102.0	00:04:49	
439.0	24.9	4.2	102.1	00:04:50	
440.0	24.6	4.2	102.5	00:04:51	
441.0	24.2	4.2	102.4	00:04:51	
442.0	24.4	4.2	102.6	00:04:52	
443.0	25.2	4.2	101.9	00:04:52	
444.0	24.9	4.2	102.4	00:04:53	
445.0	25.1	4.2	101.9	00:04:53	
446.0	25.1	4.2	101.9	00:04:54	
447.0	26.5	4.2	101.0	00:04:55	
448.0	26.2	4.2	101.3	00:04:55	
449.0	27.0	4.2	100.7	00:04:56	
450.0	26.1	4.2	101.2	00:04:56	
451.0	26.6	4.2	100.9	00:04:57	
452.0	26.4	4.2	101.3	00:04:58	
453.0	26.9	4.2	100.9	00:04:58	
454.0	26.3	4.2	101.2	00:04:59	
455.0	27.5	4.2	100.2	00:04:59	
456.0	26.9	4.2	101.0	00:05:00	
457.0	27.6	4.2	100.4	00:05:01	
458.0	26.6	4.2	101.1	00:05:01	
459.0	27.0	4.2	100.6	00:05:02	
460.0	25.9	4.2	101.5	00:05:02	
461.0	26.4	4.2	101.1	00:05:03	
462.0	25.4	4.2	102.0	00:05:04	
463.0	26.3	4.2	100.9	00:05:04	
464.0	25.3	4.2	101.8	00:05:05	
465.0	26.6	4.2	100.8	00:05:05	
466.0	26.5	4.2	100.9	00:05:06	
467.0	27.4	4.2	100.4	00:05:07	
468.0	27.9	4.2	100.2	00:05:07	
469.0	28.7	4.2	99.6	00:05:08	
470.0	29.3	4.2	99.4	00:05:08	
471.0	30.0	4.2	98.5	00:05:09	
472.0	31.4	4.2	97.6	00:05:10	
473.0	32.2	4.2	96.8	00:05:10	
474.0	34.5	4.2	95.5	00:05:11	
475.0	35.7	4.2	94.3	00:05:11	
476.0	37.2	4.2	93.4	00:05:12	
477.0	37.7	4.2	92.6	00:05:13	
478.0	37.9	4.4	92.6	00:05:13	
479.0	38.5	4.6	92.2	00:05:14	
480.0	38.0	4.7	92.3	00:05:15	
481.0	38.3	4.8	92.2	00:05:15	
482.0	36.9	4.8	92.9	00:05:16	
483.0	36.9	4.8	92.8	00:05:17	
484.0	35.2	4.8	93.7	00:05:17	
485.0	32.9	4.8	93.6	00:05:18	
486.0	28.9	4.8	95.3	00:05:19	
487.0	29.3	4.8	94.3	00:05:19	
488.0	27.5	4.8	94.6	00:05:20	
489.0	27.2	4.8	94.4	00:05:20	
490.0	26.9	4.8	94.4	00:05:21	
491.0	27.5	4.8	93.4	00:05:22	
492.0	27.3	4.8	93.7	00:05:22	
493.0	28.4	4.8	92.9	00:05:23	
494.0	27.5	4.8	93.4	00:05:24	
495.0	28.6	4.8	92.4	00:05:24	
496.0	28.8	4.8	92.4	00:05:25	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
497.0	29.7	4.8	91.6	00:05:26	
498.0	29.7	4.8	91.8	00:05:26	
499.0	30.3	4.8	91.3	00:05:27	
500.0	30.3	4.8	91.4	00:05:28	
501.0	31.2	4.8	90.8	00:05:28	
502.0	29.9	4.8	91.3	00:05:29	
503.0	30.8	4.8	90.7	00:05:30	
504.0	30.2	4.8	91.4	00:05:30	
505.0	30.6	5.0	90.8	00:05:31	
506.0	29.3	5.1	91.9	00:05:32	
507.0	29.7	5.2	91.5	00:05:32	
508.0	28.6	5.2	92.3	00:05:33	
509.0	28.8	5.2	91.9	00:05:34	
510.0	28.0	5.2	92.7	00:05:34	
511.0	28.4	5.2	92.1	00:05:35	
512.0	27.5	5.2	92.9	00:05:35	
513.0	28.6	5.2	92.0	00:05:36	
514.0	27.5	5.2	92.9	00:05:37	
515.0	28.2	5.2	92.2	00:05:37	
516.0	27.8	5.2	92.7	00:05:38	
517.0	28.1	5.2	92.3	00:05:39	
518.0	27.7	5.2	92.9	00:05:39	
519.0	28.4	5.2	92.2	00:05:40	
520.0	27.0	5.2	93.1	00:05:41	
521.0	28.3	5.2	92.2	00:05:41	
522.0	26.6	5.2	93.4	00:05:42	
523.0	28.2	5.2	92.4	00:05:43	
524.0	26.7	5.2	93.4	00:05:43	
525.0	27.7	5.2	92.6	00:05:44	
526.0	26.5	5.2	93.4	00:05:45	
527.0	28.0	5.2	92.4	00:05:45	
528.0	27.2	5.2	93.2	00:05:46	
529.0	29.0	5.2	91.5	00:05:46	
530.0	27.5	5.2	92.6	00:05:47	
531.0	31.4	5.2	90.4	00:05:48	
532.0	28.9	5.2	92.0	00:05:48	
533.0	35.9	5.2	84.0	00:05:49	
534.0	36.2	5.2	84.0	00:05:50	
535.0	30.4	5.2	88.0	00:05:51	
536.0	27.1	5.2	91.1	00:05:51	
537.0	28.1	5.2	89.2	00:05:52	
538.0	34.6	5.2	82.0	00:05:53	
539.0	68.1	5.2	51.3	00:05:54	
540.0	60.2	5.2	58.4	00:05:55	
541.0	50.3	5.2	67.6	00:05:56	
542.0	40.5	5.0	76.0	00:05:57	
543.0	34.1	5.0	80.5	00:05:57	
544.0	27.7	5.0	82.4	00:05:58	
545.0	24.8	5.0	81.8	00:05:59	
546.0	25.4	5.0	80.4	00:05:59	
547.0	26.4	5.0	79.3	00:06:00	
548.0	35.7	5.0	67.3	00:06:01	
549.0	70.3	5.0	35.1	00:06:03	
550.0	52.8	5.0	51.0	00:06:04	
551.0	38.7	5.0	63.2	00:06:05	
552.0	31.1	5.0	66.3	00:06:06	
553.0	51.7	5.0	38.4	00:06:08	
554.0	49.5	5.0	38.6	00:06:09	
555.0	33.7	5.0	47.1	00:06:10	
556.0	53.6	5.0	28.7	00:06:13	
557.0	47.2	4.8	34.9	00:06:14	
558.0	57.9	4.8	25.8	00:06:17	
559.0	56.7	4.8	26.4	00:06:19	
560.0	58.2	4.8	24.6	00:06:21	
561.0	54.0	4.8	29.1	00:06:24	
562.0	57.0	4.8	26.2	00:06:26	
563.0	55.3	4.8	27.2	00:06:28	
564.0	59.0	4.9	24.1	00:06:30	
565.0	56.9	4.9	26.4	00:06:33	
566.0	61.5	4.9	23.7	00:06:35	
567.0	57.5	4.9	27.4	00:06:38	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
568.0	61.4	4.8	24.1	00:06:40	
569.0	60.0	4.8	24.9	00:06:42	
570.0	61.2	4.9	24.2	00:06:45	
571.0	59.7	4.9	27.3	00:06:47	
572.0	57.6	4.9	28.6	00:06:49	
573.0	56.8	4.9	29.3	00:06:51	
574.0	61.1	4.9	25.6	00:06:54	
575.0	53.7	5.1	30.9	00:06:56	
576.0	62.8	5.1	24.3	00:06:58	
577.0	63.3	5.1	23.4	00:07:01	
578.0	63.1	5.1	23.6	00:07:03	
579.0	61.6	5.1	24.8	00:07:06	
580.0	59.9	4.9	26.6	00:07:08	
581.0	61.5	4.9	25.2	00:07:10	
582.0	61.7	4.8	24.9	00:07:13	
583.0	60.0	4.8	28.0	00:07:15	
584.0	62.5	4.8	27.8	00:07:17	
585.0	63.5	4.9	27.4	00:07:19	
586.0	57.3	4.9	33.0	00:07:21	
587.0	59.2	4.9	31.2	00:07:23	
588.0	54.8	5.0	34.7	00:07:25	
589.0	57.5	5.0	33.1	00:07:27	
590.0	57.1	5.0	32.9	00:07:28	
591.0	53.7	5.0	35.7	00:07:30	
592.0	63.8	5.0	27.0	00:07:32	
593.0	54.0	5.1	35.6	00:07:34	
594.0	63.7	5.2	26.5	00:07:36	
595.0	59.2	5.3	30.4	00:07:38	
596.0	66.5	5.4	24.8	00:07:41	
597.0	62.1	5.4	26.2	00:07:43	
598.0	57.8	5.4	27.4	00:07:45	
599.0	60.9	5.4	21.2	00:07:48	
600.0	59.7	5.4	22.5	00:07:51	
601.0	65.8	5.4	21.5	00:07:54	
602.0	58.1	5.6	29.3	00:07:56	
603.0	56.2	5.6	31.0	00:07:58	
604.0	54.9	5.6	32.5	00:07:59	
605.0	61.0	5.6	27.3	00:08:02	
606.0	55.2	5.7	32.2	00:08:03	
607.0	64.2	5.8	24.0	00:08:06	
608.0	57.2	5.9	30.7	00:08:08	
609.0	62.8	5.9	25.4	00:08:10	
610.0	60.7	5.9	27.3	00:08:13	
611.0	63.5	5.9	24.4	00:08:15	
612.0	54.9	5.9	32.2	00:08:17	
613.0	60.5	5.9	27.5	00:08:19	
614.0	61.1	5.9	27.0	00:08:21	
615.0	61.7	5.9	26.0	00:08:24	
616.0	57.7	5.9	29.3	00:08:26	
617.0	62.7	5.7	25.7	00:08:28	
618.0	62.3	5.6	25.9	00:08:31	
619.0	63.0	5.5	25.2	00:08:33	
620.0	62.3	5.5	26.1	00:08:35	
621.0	61.4	5.4	26.4	00:08:38	
622.0	61.7	5.3	26.0	00:08:40	
623.0	62.6	5.2	25.7	00:08:42	
624.0	61.6	5.2	26.5	00:08:44	
625.0	54.1	5.2	32.0	00:08:46	
626.0	52.2	5.2	34.2	00:08:48	
627.0	48.9	5.2	37.1	00:08:50	
628.0	49.8	5.2	37.3	00:08:51	
629.0	48.4	5.2	38.0	00:08:53	
630.0	49.1	5.2	37.7	00:08:54	
631.0	49.6	5.2	37.5	00:08:56	
632.0	49.4	5.2	37.6	00:08:58	
633.0	57.5	5.2	30.3	00:09:00	
634.0	48.3	5.2	37.8	00:09:01	
635.0	63.1	5.3	25.4	00:09:04	
636.0	55.2	5.4	31.8	00:09:06	
637.0	64.9	5.4	24.1	00:09:08	
638.0	62.9	5.4	25.1	00:09:11	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
639.0	59.2	5.4	28.2	00:09:13	
640.0	64.3	5.4	24.1	00:09:15	
641.0	55.5	5.5	32.0	00:09:17	
642.0	64.8	5.5	25.4	00:09:19	
643.0	56.0	5.5	33.1	00:09:21	
644.0	63.9	5.5	26.3	00:09:24	
645.0	58.0	5.7	31.6	00:09:25	
646.0	62.0	5.7	27.7	00:09:28	
647.0	58.9	5.7	30.8	00:09:30	
648.0	59.2	5.8	30.7	00:09:31	
649.0	54.0	5.9	35.1	00:09:33	
650.0	52.1	6.0	36.7	00:09:35	
651.0	46.8	6.0	41.4	00:09:36	
652.0	46.1	6.0	42.3	00:09:38	
653.0	46.2	6.0	42.3	00:09:39	
654.0	47.6	6.1	41.5	00:09:41	
655.0	60.8	6.1	28.9	00:09:43	
656.0	45.2	6.1	42.7	00:09:44	
657.0	60.6	6.1	29.8	00:09:46	
658.0	56.5	6.1	32.9	00:09:48	
659.0	65.0	6.1	25.9	00:09:50	
660.0	58.0	6.1	31.2	00:09:52	
661.0	63.7	6.1	26.6	00:09:55	
662.0	65.6	6.1	25.1	00:09:57	
663.0	61.2	6.1	28.2	00:09:59	
664.0	59.1	6.1	27.3	00:10:01	
665.0	61.5	6.3	25.1	00:10:04	
666.0	64.1	6.4	23.0	00:10:06	
667.0	61.5	6.5	25.7	00:10:09	
668.0	55.6	6.5	29.9	00:10:11	
669.0	53.0	6.5	32.9	00:10:13	
670.0	58.2	6.5	27.9	00:10:15	
671.0	49.7	6.5	35.3	00:10:17	
672.0	49.4	6.5	36.1	00:10:18	
673.0	54.6	6.5	31.4	00:10:20	
674.0	51.9	6.5	33.8	00:10:22	
675.0	51.0	6.6	34.7	00:10:24	
676.0	53.8	6.8	31.8	00:10:26	
677.0	50.6	6.8	34.8	00:10:27	
678.0	45.3	6.8	39.0	00:10:29	
679.0	50.3	6.8	35.5	00:10:30	
680.0	58.9	6.8	27.8	00:10:33	
681.0	54.5	6.8	30.8	00:10:35	
682.0	59.9	6.8	27.1	00:10:37	
683.0	63.5	6.8	24.2	00:10:39	
684.0	57.1	6.8	28.8	00:10:41	
685.0	58.7	7.0	27.7	00:10:44	
686.0	56.1	7.0	30.1	00:10:46	
687.0	62.6	7.1	27.6	00:10:48	
688.0	61.6	7.0	30.7	00:10:50	
689.0	59.9	7.0	32.8	00:10:52	
690.0	63.2	7.0	29.6	00:10:54	
691.0	55.7	7.0	35.9	00:10:55	
692.0	65.2	7.0	28.0	00:10:57	
693.0	55.9	7.0	28.2	00:11:00	
694.0	58.2	7.0	25.5	00:11:02	
695.0	58.3	6.8	24.8	00:11:05	
696.0	58.7	6.8	25.4	00:11:07	
697.0	55.1	6.8	30.0	00:11:09	
698.0	48.6	6.8	36.0	00:11:11	
699.0	61.3	6.8	26.2	00:11:13	
700.0	57.5	6.8	28.7	00:11:15	
701.0	59.3	6.8	27.5	00:11:17	
702.0	52.2	7.0	33.4	00:11:19	
703.0	60.1	7.0	26.8	00:11:21	
704.0	56.6	7.0	29.1	00:11:23	
705.0	60.4	7.4	26.6	00:11:26	
706.0	61.5	7.5	25.6	00:11:28	
707.0	58.7	7.5	27.4	00:11:30	
708.0	61.0	7.5	26.3	00:11:32	
709.0	56.2	7.5	29.7	00:11:34	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
710.0	62.5	7.5	25.0	00:11:37	
711.0	56.9	7.5	28.9	00:11:39	
712.0	62.8	7.5	25.3	00:11:41	
713.0	59.0	7.5	27.5	00:11:43	
714.0	61.0	7.8	26.1	00:11:46	
715.0	56.3	8.0	29.8	00:11:48	
716.0	61.8	8.0	26.1	00:11:50	
717.0	58.8	8.0	27.8	00:11:52	
718.0	59.4	8.0	27.5	00:11:54	
719.0	59.4	8.0	27.5	00:11:57	
720.0	62.9	8.0	26.5	00:11:59	
721.0	64.6	8.0	30.0	00:12:01	
722.0	63.4	8.0	31.1	00:12:03	
723.0	62.8	8.0	31.9	00:12:05	
724.0	60.3	8.0	33.3	00:12:06	
725.0	61.1	8.0	33.1	00:12:08	
726.0	59.1	8.0	34.4	00:12:10	
727.0	61.2	8.0	33.6	00:12:12	
728.0	61.0	8.0	33.5	00:12:14	
729.0	60.8	8.0	33.8	00:12:15	
730.0	59.0	8.0	34.9	00:12:17	
731.0	61.4	8.0	33.8	00:12:19	
732.0	56.9	8.1	36.3	00:12:20	
733.0	58.9	8.2	35.2	00:12:22	
734.0	56.8	8.2	36.4	00:12:24	
735.0	60.0	8.2	34.5	00:12:26	
736.0	59.6	8.2	34.4	00:12:27	
737.0	61.5	8.2	33.2	00:12:29	
738.0	62.2	8.2	32.4	00:12:31	
739.0	65.3	8.2	29.8	00:12:33	
740.0	60.3	8.2	33.4	00:12:35	
741.0	65.1	8.2	30.5	00:12:37	
742.0	64.1	8.2	30.6	00:12:39	
743.0	63.7	8.2	30.7	00:12:41	
744.0	64.6	8.3	30.1	00:12:43	
745.0	68.1	8.6	27.8	00:12:45	
746.0	62.9	8.6	32.2	00:12:47	
747.0	62.8	8.6	32.1	00:12:49	
748.0	61.3	8.6	33.2	00:12:51	
749.0	60.5	8.6	33.8	00:12:52	
750.0	62.3	8.6	32.3	00:12:54	
751.0	65.6	8.6	29.8	00:12:56	
752.0	61.7	8.6	32.5	00:12:58	
753.0	64.0	8.6	30.8	00:13:00	
754.0	63.6	8.6	31.1	00:13:02	
755.0	60.5	8.6	33.0	00:13:04	
756.0	65.2	8.6	30.2	00:13:06	
757.0	62.6	8.6	32.1	00:13:08	
758.0	69.7	8.6	32.3	00:13:09	
759.0	65.3	8.6	40.0	00:13:11	
760.0	62.4	8.6	41.6	00:13:12	
761.0	57.5	8.6	45.5	00:13:14	
762.0	57.9	8.6	44.2	00:13:15	
763.0	55.9	8.6	44.2	00:13:16	
764.0	55.8	8.6	43.7	00:13:18	
765.0	57.2	8.6	42.9	00:13:19	
766.0	59.0	8.6	41.8	00:13:21	
767.0	55.6	8.6	43.6	00:13:22	
768.0	58.7	8.6	42.0	00:13:23	
769.0	56.4	8.6	43.1	00:13:25	
770.0	61.3	8.6	40.4	00:13:26	
771.0	56.5	8.6	42.6	00:13:28	
772.0	61.2	8.6	40.1	00:13:29	
773.0	56.9	8.6	42.6	00:13:30	
774.0	58.3	8.6	41.9	00:13:32	
775.0	56.7	8.8	42.8	00:13:33	
776.0	62.2	8.8	38.1	00:13:35	
777.0	56.6	8.8	42.0	00:13:36	
778.0	66.8	8.7	34.3	00:13:38	
779.0	58.9	8.6	39.9	00:13:40	
780.0	68.5	8.6	32.0	00:13:42	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
781.0	61.1	8.6	37.9	00:13:43	
782.0	69.8	8.6	31.0	00:13:45	
783.0	69.4	8.6	32.0	00:13:47	
784.0	71.2	8.6	29.8	00:13:49	
785.0	67.3	8.8	32.4	00:13:51	
786.0	68.9	9.0	31.9	00:13:53	
787.0	72.4	9.0	29.2	00:13:55	
788.0	64.2	9.0	35.9	00:13:57	
789.0	68.5	9.0	33.3	00:13:58	
790.0	62.1	9.0	37.4	00:14:00	
791.0	63.6	9.0	36.7	00:14:02	
792.0	59.4	9.0	39.2	00:14:03	
793.0	64.6	9.0	38.3	00:14:05	
794.0	61.9	9.0	41.7	00:14:06	
795.0	68.4	9.2	36.5	00:14:08	
796.0	62.1	9.2	41.4	00:14:09	
797.0	68.5	9.2	35.6	00:14:11	
798.0	66.0	9.2	38.1	00:14:12	
799.0	69.2	9.2	35.0	00:14:14	
800.0	67.9	9.2	36.4	00:14:16	
801.0	74.4	9.2	30.3	00:14:18	
802.0	65.9	9.2	38.1	00:14:19	
803.0	76.9	9.2	28.5	00:14:22	
804.0	67.7	9.2	36.4	00:14:23	
805.0	75.9	9.2	29.8	00:14:25	
806.0	67.4	9.2	36.2	00:14:27	
807.0	75.1	8.9	30.6	00:14:29	
808.0	68.4	8.9	36.2	00:14:30	
809.0	70.8	8.9	34.9	00:14:32	
810.0	69.3	8.9	35.6	00:14:34	
811.0	71.3	8.8	34.0	00:14:36	
812.0	66.3	8.7	37.0	00:14:37	
813.0	72.1	8.7	33.2	00:14:39	
814.0	67.7	8.7	35.9	00:14:41	
815.0	73.7	8.7	32.2	00:14:43	
816.0	68.2	8.7	35.5	00:14:44	
817.0	76.1	8.6	32.6	00:14:46	
818.0	72.0	8.6	37.0	00:14:48	
819.0	80.6	8.6	30.4	00:14:50	
820.0	68.2	8.6	39.9	00:14:51	
821.0	81.2	8.6	30.3	00:14:53	
822.0	69.9	8.8	38.7	00:14:55	
823.0	82.0	8.9	29.5	00:14:57	
824.0	68.5	8.9	40.6	00:14:58	
825.0	80.4	8.9	30.9	00:15:00	
826.0	71.0	8.9	37.7	00:15:02	
827.0	80.4	8.9	30.6	00:15:04	
828.0	72.7	8.9	36.5	00:15:06	
829.0	81.8	8.9	29.7	00:15:08	
830.0	74.1	9.1	35.3	00:15:09	
831.0	80.6	9.1	29.7	00:15:11	
832.0	62.6	9.1	45.1	00:15:13	
833.0	59.4	9.1	47.2	00:15:14	
834.0	59.1	9.1	47.8	00:15:15	
835.0	58.6	9.1	48.2	00:15:16	
836.0	57.9	9.1	48.7	00:15:18	
837.0	57.0	9.1	49.6	00:15:19	
838.0	56.9	9.1	50.2	00:15:20	
839.0	55.9	9.1	50.8	00:15:21	
840.0	55.7	9.1	51.0	00:15:22	
841.0	59.8	9.1	48.2	00:15:24	
842.0	76.6	9.1	33.6	00:15:26	
843.0	62.0	9.1	46.1	00:15:27	
844.0	55.9	9.1	50.9	00:15:28	
845.0	63.0	9.1	45.2	00:15:29	
846.0	74.0	9.1	35.7	00:15:31	
847.0	72.8	9.4	37.5	00:15:33	
848.0	58.2	9.4	48.7	00:15:34	
849.0	75.6	9.4	34.6	00:15:36	
850.0	78.2	9.4	33.0	00:15:37	
851.0	71.3	9.4	37.4	00:15:39	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
852.0	81.1	9.4	30.3	00:15:41	
853.0	64.3	9.4	43.5	00:15:43	
854.0	81.2	9.4	30.7	00:15:45	
855.0	64.1	9.4	44.3	00:15:46	
856.0	59.4	9.4	48.3	00:15:47	
857.0	58.2	9.4	49.1	00:15:48	
858.0	55.7	9.4	50.8	00:15:50	
859.0	55.3	9.4	51.4	00:15:51	
860.0	54.9	9.4	51.9	00:15:52	
861.0	54.6	9.4	52.2	00:15:53	
862.0	53.7	9.4	53.1	00:15:54	
863.0	55.1	9.4	52.5	00:15:55	
864.0	56.2	9.4	51.4	00:15:56	
865.0	59.6	9.4	48.4	00:15:58	
866.0	77.0	9.4	34.1	00:16:00	
867.0	56.6	9.4	51.7	00:16:01	
868.0	54.7	9.4	53.1	00:16:02	
869.0	58.6	9.4	50.5	00:16:03	
870.0	54.9	9.7	52.8	00:16:04	
871.0	56.4	9.8	52.0	00:16:05	
872.0	57.4	9.8	51.7	00:16:06	
873.0	56.9	9.8	51.8	00:16:08	
874.0	58.7	9.8	50.5	00:16:09	
875.0	55.9	9.8	52.2	00:16:10	
876.0	56.3	9.8	52.0	00:16:11	
877.0	56.7	9.8	51.8	00:16:12	
878.0	58.0	9.8	50.3	00:16:13	
879.0	62.2	9.8	48.3	00:16:15	
880.0	58.4	9.8	54.7	00:16:16	
881.0	57.7	9.8	54.8	00:16:17	
882.0	82.3	9.8	35.4	00:16:19	
883.0	60.9	9.8	52.5	00:16:20	
884.0	72.4	9.8	41.8	00:16:21	
885.0	83.4	9.8	35.0	00:16:23	
886.0	63.7	9.8	50.2	00:16:24	
887.0	57.9	9.8	54.9	00:16:25	
888.0	78.1	9.8	37.9	00:16:27	
889.0	66.8	9.8	47.9	00:16:28	
890.0	57.8	9.8	55.2	00:16:29	
891.0	81.0	9.8	36.5	00:16:31	
892.0	69.8	9.8	45.7	00:16:32	
893.0	56.3	9.8	56.4	00:16:33	
894.0	58.3	9.8	54.9	00:16:35	
895.0	60.1	9.8	52.3	00:16:36	
896.0	58.9	9.8	51.8	00:16:37	
897.0	57.5	9.8	51.5	00:16:38	
898.0	56.3	9.8	51.8	00:16:39	
899.0	54.8	9.8	52.5	00:16:40	
900.0	55.2	9.8	52.3	00:16:41	
901.0	55.3	9.8	52.3	00:16:43	
902.0	54.8	9.8	52.5	00:16:44	
903.0	53.8	9.8	53.1	00:16:45	
904.0	52.9	9.8	53.5	00:16:46	
905.0	53.2	9.8	53.4	00:16:47	
906.0	53.4	9.8	53.4	00:16:48	
907.0	52.7	9.8	53.8	00:16:49	
908.0	52.9	9.8	53.6	00:16:50	
909.0	53.9	10.0	53.2	00:16:52	
910.0	53.4	10.1	53.3	00:16:53	
911.0	55.0	10.1	52.5	00:16:54	
912.0	55.2	10.1	52.4	00:16:55	
913.0	55.3	10.1	52.1	00:16:56	
914.0	55.7	10.1	52.2	00:16:57	
915.0	58.9	10.1	47.6	00:16:59	
916.0	71.1	10.1	37.3	00:17:00	
917.0	57.0	10.1	48.8	00:17:01	
918.0	54.7	10.1	50.2	00:17:03	
919.0	54.7	10.1	50.3	00:17:04	
920.0	54.4	10.1	50.5	00:17:05	
921.0	55.2	10.1	50.2	00:17:06	
922.0	53.6	10.1	51.1	00:17:07	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
923.0	52.4	10.1	51.9	00:17:08	
924.0	52.7	10.1	51.9	00:17:10	
925.0	52.5	10.1	52.1	00:17:11	
926.0	71.4	10.1	35.9	00:17:12	
927.0	60.1	10.1	46.1	00:17:14	
928.0	54.5	10.1	50.3	00:17:15	
929.0	74.3	10.1	33.7	00:17:17	
930.0	56.8	10.1	48.5	00:17:18	
931.0	69.5	10.1	37.7	00:17:20	
932.0	67.5	10.1	40.4	00:17:21	
933.0	55.4	10.1	49.4	00:17:22	
934.0	74.0	10.1	34.0	00:17:24	
935.0	61.1	10.0	45.0	00:17:26	
936.0	54.9	9.7	49.7	00:17:27	
937.0	77.1	9.7	31.4	00:17:29	
938.0	64.9	9.7	42.1	00:17:30	
939.0	57.6	9.7	46.8	00:17:32	
940.0	78.6	9.9	30.5	00:17:34	
941.0	69.7	10.1	38.4	00:17:35	
942.0	56.2	10.2	48.7	00:17:36	
943.0	69.2	10.2	37.0	00:17:38	
944.0	79.8	10.2	29.3	00:17:40	
945.0	65.1	10.2	40.9	00:17:42	
946.0	81.3	10.2	28.5	00:17:44	
947.0	69.3	10.2	38.3	00:17:45	
948.0	57.2	10.2	47.6	00:17:46	
949.0	57.6	10.2	47.4	00:17:48	
950.0	56.5	10.2	48.1	00:17:49	
951.0	60.3	10.2	44.5	00:17:50	
952.0	67.0	10.2	41.1	00:17:52	
953.0	57.1	10.2	48.0	00:17:53	
954.0	71.3	10.2	36.6	00:17:55	
955.0	64.4	10.3	42.0	00:17:56	
956.0	56.4	10.7	48.6	00:17:57	
957.0	75.9	10.7	32.2	00:17:59	
958.0	59.6	10.7	45.9	00:18:01	
959.0	68.3	10.7	38.6	00:18:02	
960.0	72.6	10.7	35.5	00:18:04	
961.0	64.5	10.7	41.3	00:18:05	
962.0	81.5	10.7	28.8	00:18:08	
963.0	62.9	10.7	43.4	00:18:09	
964.0	61.2	10.7	44.3	00:18:10	
965.0	74.3	10.7	33.9	00:18:12	
966.0	58.1	10.7	47.4	00:18:13	
967.0	76.3	10.7	32.4	00:18:15	
968.0	63.1	10.3	43.1	00:18:17	
969.0	65.7	10.0	40.1	00:18:18	
970.0	71.9	9.9	36.4	00:18:20	
971.0	63.6	9.9	36.8	00:18:22	
972.0	74.9	9.9	27.4	00:18:24	
973.0	59.9	9.9	38.1	00:18:26	
974.0	58.8	9.9	39.0	00:18:27	
975.0	58.3	9.9	39.3	00:18:29	
976.0	69.9	9.9	29.8	00:18:31	
977.0	58.8	10.0	39.2	00:18:32	
978.0	58.0	10.2	39.9	00:18:34	
979.0	57.2	10.2	40.4	00:18:35	
980.0	70.5	10.2	29.2	00:18:37	
981.0	58.4	10.2	39.4	00:18:39	
982.0	60.7	10.2	38.3	00:18:40	
983.0	57.7	10.2	39.8	00:18:42	
984.0	57.5	10.2	40.1	00:18:43	
985.0	58.4	10.2	39.7	00:18:45	
986.0	60.4	10.2	38.1	00:18:47	
987.0	58.9	10.2	38.8	00:18:48	
988.0	59.5	10.2	41.0	00:18:50	
989.0	58.5	10.2	41.9	00:18:51	
990.0	59.3	10.2	41.6	00:18:52	
991.0	59.3	10.2	41.5	00:18:54	
992.0	72.3	10.2	30.2	00:18:56	
993.0	60.0	10.2	40.3	00:18:57	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
994.0	58.5	10.2	42.0	00:18:59	
995.0	56.6	10.4	43.4	00:19:00	
996.0	71.0	10.5	31.9	00:19:02	
997.0	62.7	10.5	38.4	00:19:04	
998.0	59.4	10.5	40.5	00:19:05	
999.0	66.4	10.5	35.6	00:19:07	
1000.0	58.7	10.5	41.7	00:19:08	
1001.0	70.7	10.5	31.7	00:19:10	
1002.0	62.8	10.5	38.2	00:19:12	
1003.0	57.8	10.5	42.7	00:19:13	
1004.0	58.1	10.5	42.6	00:19:15	
1005.0	59.1	10.5	41.0	00:19:16	
1006.0	60.2	10.5	40.6	00:19:18	
1007.0	58.4	10.5	42.2	00:19:19	
1008.0	72.5	10.8	30.5	00:19:21	
1009.0	61.8	10.9	38.8	00:19:23	
1010.0	71.2	10.9	31.5	00:19:25	
1011.0	66.0	10.9	35.9	00:19:26	
1012.0	67.8	10.9	34.1	00:19:28	
1013.0	69.0	10.8	33.7	00:19:30	
1014.0	60.4	10.9	40.1	00:19:32	
1015.0	75.4	10.9	28.0	00:19:34	
1016.0	61.4	10.9	39.1	00:19:35	
1017.0	73.4	10.9	29.6	00:19:37	
1018.0	61.3	10.9	39.1	00:19:39	
1019.0	72.7	10.9	29.8	00:19:41	
1020.0	61.5	10.9	39.1	00:19:43	
1021.0	73.6	10.9	29.4	00:19:45	
1022.0	60.4	10.8	40.1	00:19:46	
1023.0	71.6	10.6	30.6	00:19:48	
1024.0	61.9	10.4	38.8	00:19:50	
1025.0	64.7	10.2	36.7	00:19:51	
1026.0	60.4	10.2	40.3	00:19:53	
1027.0	59.9	10.1	40.7	00:19:54	
1028.0	60.5	10.1	40.4	00:19:56	
1029.0	59.4	10.1	41.0	00:19:57	
1030.0	58.8	10.1	41.9	00:19:59	
1031.0	58.0	10.1	43.7	00:20:00	
1032.0	57.6	10.1	44.0	00:20:02	
1033.0	57.8	10.1	43.8	00:20:03	
1034.0	57.7	10.1	43.8	00:20:04	
1035.0	58.1	10.1	43.6	00:20:06	
1036.0	57.1	10.1	44.1	00:20:07	
1037.0	56.3	10.1	44.6	00:20:08	
1038.0	57.0	10.1	44.4	00:20:10	
1039.0	57.2	10.1	44.3	00:20:11	
1040.0	57.6	10.0	44.2	00:20:12	
1041.0	57.4	10.1	44.2	00:20:14	
1042.0	56.6	10.1	44.6	00:20:15	
1043.0	56.3	10.0	44.6	00:20:16	
1044.0	56.3	10.0	44.8	00:20:18	
1045.0	56.7	10.0	44.5	00:20:19	
1046.0	57.1	10.0	44.4	00:20:21	
1047.0	55.8	10.1	45.0	00:20:22	
1048.0	56.0	10.0	45.2	00:20:23	
1049.0	56.6	10.0	44.9	00:20:25	
1050.0	55.6	10.0	45.4	00:20:26	
1051.0	55.7	10.0	45.5	00:20:27	
1052.0	56.2	10.0	45.3	00:20:28	
1053.0	55.4	10.0	45.6	00:20:30	
1054.0	55.3	10.0	45.9	00:20:31	
1055.0	56.2	10.0	45.6	00:20:32	
1056.0	55.8	10.0	45.8	00:20:34	
1057.0	54.6	10.0	46.5	00:20:35	
1058.0	53.6	10.1	47.2	00:20:36	
1059.0	52.9	10.2	47.7	00:20:38	
1060.0	55.9	10.2	46.4	00:20:39	
1061.0	55.8	10.2	46.5	00:20:40	
1062.0	54.2	10.2	47.1	00:20:41	
1063.0	53.1	10.3	47.7	00:20:43	
1064.0	53.7	10.3	47.6	00:20:44	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1065.0	53.5	10.3	47.7	00:20:45	
1066.0	53.1	10.2	47.8	00:20:46	
1067.0	53.7	10.3	47.6	00:20:48	
1068.0	53.4	10.3	47.6	00:20:49	
1069.0	52.9	10.3	47.9	00:20:50	
1070.0	53.3	10.3	47.7	00:20:51	
1071.0	53.1	10.2	47.8	00:20:53	
1072.0	53.3	10.3	47.6	00:20:54	
1073.0	54.9	10.3	47.1	00:20:55	
1074.0	54.0	10.2	47.4	00:20:57	
1075.0	52.8	10.2	48.0	00:20:58	
1076.0	54.2	10.3	47.2	00:20:59	
1077.0	56.0	10.3	47.9	00:21:00	
1078.0	55.4	10.3	49.4	00:21:02	
1079.0	55.2	10.3	49.7	00:21:03	
1080.0	56.5	10.3	49.2	00:21:04	
1081.0	55.5	10.3	49.5	00:21:05	
1082.0	55.6	10.3	49.6	00:21:06	
1083.0	56.2	10.3	49.3	00:21:08	
1084.0	55.8	10.3	49.4	00:21:09	
1085.0	55.3	10.3	49.6	00:21:10	
1086.0	56.1	10.3	49.3	00:21:11	
1087.0	55.5	10.3	49.7	00:21:12	
1088.0	55.5	10.4	49.6	00:21:14	
1089.0	55.2	10.5	49.8	00:21:15	
1090.0	55.6	10.5	49.6	00:21:16	
1091.0	56.4	10.5	49.2	00:21:17	
1092.0	56.3	10.5	49.4	00:21:19	
1093.0	55.3	10.5	49.7	00:21:20	
1094.0	55.2	10.5	49.8	00:21:21	
1095.0	55.4	10.5	49.8	00:21:22	
1096.0	56.0	10.5	49.4	00:21:23	
1097.0	56.3	10.5	49.2	00:21:25	
1098.0	56.3	10.5	49.2	00:21:26	
1099.0	56.5	10.5	49.2	00:21:27	
1100.0	57.1	10.5	48.6	00:21:28	
1101.0	55.8	10.5	49.3	00:21:29	
1102.0	55.9	10.5	49.4	00:21:31	
1103.0	55.2	10.5	49.6	00:21:32	
1104.0	55.7	10.5	49.5	00:21:33	
1105.0	56.1	10.5	49.3	00:21:34	
1106.0	60.9	10.5	45.5	00:21:36	
1107.0	69.0	10.5	38.4	00:21:37	
1108.0	77.3	10.5	32.4	00:21:39	
1109.0	68.1	10.7	39.6	00:21:41	
1110.0	59.6	10.7	45.9	00:21:42	
1111.0	57.7	10.7	47.8	00:21:43	
1112.0	86.2	10.7	30.1	00:21:45	
1113.0	69.3	10.7	38.0	00:21:47	
1114.0	58.5	10.7	46.9	00:21:48	
1115.0	57.8	10.7	47.9	00:21:49	
1116.0	58.6	10.7	47.4	00:21:51	
1117.0	57.6	10.7	47.9	00:21:52	
1118.0	56.1	10.7	48.4	00:21:53	
1119.0	81.6	10.8	26.3	00:21:56	
1120.0	75.2	11.0	31.1	00:21:58	
1121.0	65.4	11.1	38.9	00:21:59	
1122.0	64.3	11.1	39.4	00:22:01	
1123.0	86.4	11.1	27.5	00:22:03	
1124.0	62.2	10.9	41.5	00:22:04	
1125.0	80.6	10.7	32.3	00:22:06	
1126.0	72.4	10.5	34.7	00:22:08	
1127.0	61.2	10.4	42.6	00:22:10	
1128.0	60.3	10.4	43.4	00:22:11	
1129.0	63.1	10.4	41.1	00:22:12	
1130.0	67.4	10.4	36.2	00:22:14	
1131.0	79.9	10.4	27.3	00:22:16	
1132.0	74.8	10.4	31.5	00:22:18	
1133.0	64.4	10.4	39.8	00:22:20	
1134.0	59.4	10.6	43.5	00:22:21	
1135.0	59.2	10.6	43.9	00:22:22	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1136.0	57.0	10.6	45.5	00:22:24	
1137.0	56.4	10.6	46.3	00:22:25	
1138.0	56.7	10.6	46.1	00:22:26	
1139.0	56.7	10.6	46.2	00:22:28	
1140.0	56.2	10.6	46.4	00:22:29	
1141.0	56.2	10.6	46.5	00:22:30	
1142.0	56.9	10.6	46.1	00:22:32	
1143.0	56.4	10.6	46.5	00:22:33	
1144.0	55.0	10.6	47.1	00:22:34	
1145.0	58.3	10.6	45.0	00:22:36	
1146.0	89.8	10.6	26.3	00:22:38	
1147.0	80.5	10.6	28.7	00:22:40	
1148.0	64.7	10.7	39.1	00:22:41	
1149.0	58.5	10.9	44.3	00:22:43	
1150.0	56.3	10.9	46.3	00:22:44	
1151.0	56.3	10.9	46.4	00:22:45	
1152.0	56.7	10.9	46.2	00:22:47	
1153.0	56.9	10.9	46.1	00:22:48	
1154.0	55.8	10.9	46.6	00:22:49	
1155.0	57.9	10.9	44.6	00:22:51	
1156.0	63.8	10.9	40.8	00:22:52	
1157.0	72.3	10.9	33.7	00:22:54	
1158.0	65.0	10.9	39.7	00:22:55	
1159.0	58.0	10.9	44.6	00:22:57	
1160.0	57.1	10.7	45.5	00:22:58	
1161.0	56.6	10.7	46.1	00:22:59	
1162.0	56.4	10.7	46.3	00:23:01	
1163.0	62.4	10.7	41.4	00:23:02	
1164.0	72.1	10.7	33.8	00:23:04	
1165.0	74.0	10.7	32.4	00:23:06	
1166.0	62.9	10.7	40.7	00:23:07	
1167.0	58.0	10.8	44.9	00:23:08	
1168.0	56.4	10.8	46.2	00:23:10	
1169.0	56.0	10.8	46.5	00:23:11	
1170.0	54.8	10.8	47.2	00:23:12	
1171.0	54.1	10.8	47.8	00:23:14	
1172.0	54.5	10.8	47.8	00:23:15	
1173.0	55.1	10.9	47.6	00:23:16	
1174.0	55.7	10.9	47.4	00:23:17	
1175.0	56.0	10.9	47.1	00:23:19	
1176.0	55.8	10.9	47.1	00:23:20	
1177.0	56.7	10.9	46.8	00:23:21	
1178.0	56.1	10.9	47.1	00:23:23	
1179.0	55.0	10.9	47.6	00:23:24	
1180.0	55.9	10.9	47.0	00:23:25	
1181.0	55.9	10.9	47.2	00:23:26	
1182.0	58.3	10.9	45.5	00:23:28	
1183.0	55.9	10.9	46.9	00:23:29	
1184.0	55.6	10.9	47.2	00:23:30	
1185.0	55.8	10.9	47.0	00:23:31	
1186.0	85.0	10.9	29.0	00:23:34	
1187.0	66.4	10.9	37.9	00:23:35	
1188.0	58.7	10.9	44.1	00:23:37	
1189.0	58.0	10.9	45.2	00:23:38	
1190.0	58.1	10.9	45.2	00:23:39	
1191.0	57.8	10.9	45.5	00:23:41	
1192.0	56.8	10.9	45.7	00:23:42	
1193.0	56.7	10.9	45.9	00:23:43	
1194.0	55.8	10.9	46.4	00:23:45	
1195.0	58.9	10.8	43.9	00:23:46	
1196.0	62.5	10.7	41.7	00:23:47	
1197.0	84.7	11.0	23.3	00:23:50	
1198.0	70.5	11.1	34.7	00:23:52	
1199.0	61.8	11.1	41.6	00:23:53	
1200.0	60.8	11.1	42.6	00:23:55	
1201.0	60.2	11.1	43.0	00:23:56	
1202.0	83.3	11.1	24.1	00:23:59	
1203.0	78.6	11.1	27.9	00:24:01	
1204.0	70.5	11.1	34.9	00:24:02	
1205.0	61.7	11.1	41.4	00:24:04	
1206.0	59.6	11.1	43.6	00:24:05	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1207.0	82.3	11.1	28.3	00:24:08	
1208.0	70.6	11.1	35.6	00:24:09	
1209.0	62.2	11.1	42.8	00:24:11	
1210.0	60.9	11.1	43.8	00:24:12	
1211.0	60.8	11.1	44.2	00:24:13	
1212.0	60.6	11.1	44.4	00:24:15	
1213.0	69.9	11.1	37.1	00:24:17	
1214.0	78.0	11.1	29.9	00:24:19	
1215.0	63.8	11.3	41.3	00:24:20	
1216.0	59.1	11.4	45.3	00:24:21	
1217.0	60.1	11.4	44.7	00:24:23	
1218.0	82.4	11.4	26.9	00:24:25	
1219.0	73.2	11.4	33.8	00:24:27	
1220.0	63.4	11.4	41.6	00:24:28	
1221.0	59.6	11.4	44.9	00:24:30	
1222.0	61.3	11.4	44.2	00:24:31	
1223.0	59.7	11.4	45.0	00:24:32	
1224.0	59.7	11.4	45.1	00:24:34	
1225.0	60.1	11.4	44.9	00:24:35	
1226.0	58.4	11.4	45.8	00:24:36	
1227.0	57.6	11.4	46.1	00:24:38	
1228.0	65.0	11.4	40.6	00:24:39	
1229.0	71.7	11.4	34.9	00:24:41	
1230.0	82.7	11.4	25.6	00:24:43	
1231.0	78.2	11.5	30.1	00:24:45	
1232.0	73.0	11.8	34.2	00:24:47	
1233.0	66.5	11.9	39.3	00:24:48	
1234.0	64.2	11.9	41.2	00:24:50	
1235.0	77.5	11.9	30.8	00:24:52	
1236.0	86.9	11.9	23.7	00:24:54	
1237.0	67.9	11.9	37.8	00:24:56	
1238.0	62.3	11.9	42.6	00:24:57	
1239.0	60.6	11.9	44.2	00:24:59	
1240.0	87.3	11.9	27.5	00:25:01	
1241.0	67.6	11.9	38.4	00:25:03	
1242.0	62.1	11.9	42.8	00:25:04	
1243.0	84.4	11.9	30.1	00:25:06	
1244.0	69.9	11.6	36.3	00:25:08	
1245.0	64.2	11.4	41.0	00:25:10	
1246.0	88.2	11.3	28.9	00:25:12	
1247.0	72.1	11.3	34.4	00:25:14	
1248.0	63.9	11.3	41.1	00:25:15	
1249.0	69.4	11.3	36.4	00:25:17	
1250.0	87.3	11.3	23.4	00:25:19	
1251.0	78.6	11.1	29.1	00:25:22	
1252.0	89.5	11.3	24.7	00:25:24	
1253.0	80.4	11.3	29.3	00:25:26	
1254.0	66.3	11.3	39.1	00:25:28	
1255.0	64.0	11.3	40.9	00:25:29	
1256.0	63.6	11.3	41.6	00:25:31	
1257.0	62.6	11.3	42.2	00:25:32	
1258.0	61.9	11.3	43.1	00:25:33	
1259.0	61.2	11.3	43.5	00:25:35	
1260.0	61.1	11.3	44.0	00:25:36	
1261.0	61.3	11.3	44.1	00:25:37	
1262.0	62.2	11.3	43.6	00:25:39	
1263.0	61.0	11.3	44.0	00:25:40	
1264.0	61.8	11.3	43.7	00:25:42	
1265.0	61.5	11.3	43.3	00:25:43	
1266.0	74.7	11.3	32.9	00:25:45	
1267.0	88.8	11.3	21.6	00:25:48	
1268.0	69.7	11.3	36.1	00:25:49	
1269.0	64.7	11.3	40.5	00:25:51	
1270.0	62.7	11.3	42.3	00:25:52	
1271.0	61.4	11.3	43.4	00:25:53	
1272.0	61.2	11.3	44.6	00:25:55	
1273.0	61.1	11.3	46.1	00:25:56	
1274.0	60.3	11.3	46.9	00:25:57	
1275.0	60.5	11.3	47.1	00:25:59	
1276.0	60.5	11.3	47.2	00:26:00	
1277.0	60.3	11.3	47.4	00:26:01	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1278.0	59.6	11.3	47.6	00:26:02	
1279.0	59.4	11.3	47.9	00:26:04	
1280.0	59.6	11.3	47.7	00:26:05	
1281.0	59.8	11.3	47.7	00:26:06	
1282.0	59.3	11.3	48.0	00:26:08	
1283.0	59.5	11.3	47.9	00:26:09	
1284.0	59.5	11.3	48.0	00:26:10	
1285.0	59.9	11.3	47.9	00:26:11	
1286.0	59.0	11.3	48.3	00:26:13	
1287.0	58.1	11.3	49.2	00:26:14	
1288.0	58.0	11.3	49.4	00:26:15	
1289.0	59.2	11.3	49.0	00:26:16	
1290.0	58.8	11.3	49.1	00:26:17	
1291.0	58.8	11.3	49.0	00:26:19	
1292.0	58.8	11.3	49.0	00:26:20	
1293.0	58.7	11.3	49.1	00:26:21	
1294.0	59.0	11.3	49.0	00:26:22	
1295.0	58.9	11.3	48.9	00:26:24	
1296.0	58.9	11.3	48.9	00:26:25	
1297.0	59.2	11.3	48.8	00:26:26	
1298.0	58.7	11.3	49.0	00:26:27	
1299.0	59.0	11.3	48.9	00:26:28	
1300.0	59.1	11.3	48.8	00:26:30	
1301.0	58.8	11.3	49.0	00:26:31	
1302.0	58.2	11.3	49.3	00:26:32	
1303.0	58.6	11.3	49.0	00:26:33	
1304.0	59.6	11.3	48.8	00:26:35	
1305.0	58.8	11.3	49.0	00:26:36	
1306.0	58.5	11.3	49.1	00:26:37	
1307.0	59.0	11.3	48.8	00:26:38	
1308.0	58.8	11.3	49.0	00:26:39	
1309.0	58.7	11.3	49.1	00:26:41	
1310.0	58.3	11.3	49.3	00:26:42	
1311.0	58.8	11.3	49.0	00:26:43	
1312.0	59.5	11.3	48.7	00:26:44	
1313.0	59.8	11.3	48.6	00:26:46	
1314.0	60.0	11.3	48.5	00:26:47	
1315.0	60.0	11.3	48.5	00:26:48	
1316.0	60.2	11.3	48.5	00:26:49	
1317.0	59.5	11.3	48.7	00:26:50	
1318.0	59.7	11.3	48.5	00:26:52	
1319.0	59.7	11.3	48.6	00:26:53	
1320.0	59.1	11.3	48.8	00:26:54	
1321.0	59.8	11.3	48.5	00:26:55	
1322.0	59.7	11.3	48.6	00:26:57	
1323.0	59.7	11.3	48.6	00:26:58	
1324.0	60.8	11.3	48.1	00:26:59	
1325.0	60.9	11.3	48.2	00:27:00	
1326.0	60.4	11.3	48.3	00:27:02	
1327.0	61.3	11.3	47.9	00:27:03	
1328.0	61.0	11.3	48.1	00:27:04	
1329.0	61.1	11.3	48.0	00:27:05	
1330.0	62.0	11.3	47.6	00:27:07	
1331.0	61.4	11.3	47.8	00:27:08	
1332.0	60.9	11.3	48.0	00:27:09	
1333.0	61.2	11.3	47.8	00:27:10	
1334.0	60.9	11.3	47.8	00:27:12	
1335.0	62.0	11.3	47.4	00:27:13	
1336.0	61.8	11.3	47.5	00:27:14	
1337.0	62.0	11.3	47.4	00:27:16	
1338.0	61.4	11.3	47.6	00:27:17	
1339.0	61.6	11.3	47.5	00:27:18	
1340.0	61.1	11.3	47.6	00:27:19	
1341.0	61.0	11.3	47.7	00:27:21	
1342.0	61.8	11.3	47.4	00:27:22	
1343.0	62.1	11.3	47.3	00:27:23	
1344.0	61.6	11.3	47.5	00:27:24	
1345.0	61.9	11.3	47.4	00:27:26	
1346.0	61.6	11.3	47.3	00:27:27	
1347.0	63.0	11.3	47.0	00:27:28	
1348.0	62.5	11.3	46.9	00:27:29	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1349.0	62.9	11.3	46.8	00:27:31	
1350.0	63.0	11.3	46.7	00:27:32	
1351.0	63.0	11.3	46.7	00:27:33	
1352.0	63.0	11.3	46.6	00:27:35	
1353.0	63.8	11.3	46.3	00:27:36	
1354.0	64.6	11.3	45.0	00:27:37	
1355.0	65.3	11.3	44.1	00:27:39	
1356.0	105.2	11.6	19.5	00:27:42	
1357.0	76.3	11.7	33.3	00:27:44	
1358.0	70.7	11.7	38.0	00:27:45	
1359.0	68.2	11.7	40.4	00:27:47	
1360.0	65.4	11.7	42.7	00:27:48	
1361.0	64.4	11.7	43.7	00:27:49	
1362.0	63.3	11.7	44.6	00:27:51	
1363.0	62.8	11.7	45.1	00:27:52	
1364.0	62.0	11.7	45.7	00:27:54	
1365.0	61.8	11.7	46.0	00:27:55	
1366.0	61.8	11.7	46.0	00:27:56	
1367.0	61.2	11.7	46.6	00:27:57	
1368.0	61.1	11.7	46.5	00:27:59	
1369.0	61.1	11.7	46.6	00:28:00	
1370.0	60.3	11.9	47.1	00:28:01	
1371.0	60.3	12.0	47.0	00:28:03	
1372.0	60.2	12.0	47.2	00:28:04	
1373.0	60.2	12.0	47.3	00:28:05	
1374.0	59.5	12.0	47.9	00:28:06	
1375.0	60.3	12.0	47.7	00:28:08	
1376.0	60.2	12.0	47.7	00:28:09	
1377.0	59.2	12.0	48.0	00:28:10	
1378.0	58.6	12.0	48.4	00:28:11	
1379.0	58.8	12.0	48.4	00:28:13	
1380.0	59.6	12.0	48.1	00:28:14	
1381.0	59.3	12.0	48.3	00:28:15	
1382.0	58.7	12.0	48.6	00:28:16	
1383.0	58.5	12.0	48.7	00:28:18	
1384.0	58.4	12.0	48.9	00:28:19	
1385.0	58.4	12.0	49.0	00:28:20	
1386.0	58.4	12.0	49.0	00:28:21	
1387.0	58.2	12.0	49.2	00:28:22	
1388.0	59.3	12.0	48.6	00:28:24	
1389.0	59.7	12.0	48.5	00:28:25	
1390.0	59.1	12.0	48.8	00:28:26	
1391.0	58.5	12.0	49.0	00:28:27	
1392.0	58.2	12.0	49.1	00:28:29	
1393.0	58.3	12.0	49.0	00:28:30	
1394.0	59.0	12.0	48.9	00:28:31	
1395.0	58.9	12.0	48.8	00:28:32	
1396.0	58.1	12.0	49.3	00:28:33	
1397.0	57.6	12.0	49.4	00:28:35	
1398.0	58.0	12.0	49.2	00:28:36	
1399.0	59.2	12.0	48.7	00:28:37	
1400.0	58.5	12.0	49.0	00:28:38	
1401.0	59.0	12.0	48.8	00:28:40	
1402.0	58.7	12.0	48.9	00:28:41	
1403.0	58.5	12.0	49.0	00:28:42	
1404.0	59.5	12.0	48.6	00:28:43	
1405.0	59.2	12.0	48.7	00:28:45	
1406.0	58.8	12.0	48.9	00:28:46	
1407.0	59.2	12.0	48.7	00:28:47	
1408.0	59.0	12.0	48.7	00:28:48	
1409.0	59.5	12.0	48.5	00:28:50	
1410.0	59.5	12.0	48.4	00:28:51	
1411.0	59.0	12.1	48.7	00:28:52	
1412.0	59.2	12.3	48.5	00:28:53	
1413.0	59.5	12.3	48.4	00:28:54	
1414.0	59.4	12.4	48.5	00:28:56	
1415.0	59.6	12.4	48.5	00:28:57	
1416.0	58.9	12.4	48.8	00:28:58	
1417.0	58.9	12.4	48.8	00:28:59	
1418.0	59.3	12.4	48.4	00:29:01	
1419.0	59.4	12.4	48.4	00:29:02	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1420.0	58.4	12.4	48.8	00:29:03	
1421.0	59.1	12.4	48.6	00:29:04	
1422.0	59.8	12.4	48.4	00:29:06	
1423.0	58.8	12.4	48.8	00:29:07	
1424.0	58.6	12.4	48.8	00:29:08	
1425.0	58.7	12.4	48.8	00:29:09	
1426.0	59.1	12.4	48.6	00:29:10	
1427.0	58.4	12.4	48.9	00:29:12	
1428.0	57.8	12.4	49.3	00:29:13	
1429.0	60.1	12.4	48.2	00:29:14	
1430.0	66.4	12.4	43.7	00:29:16	
1431.0	94.8	12.4	20.3	00:29:19	
1432.0	84.7	12.4	27.1	00:29:21	
1433.0	80.8	12.5	30.7	00:29:23	
1434.0	101.5	12.6	20.0	00:29:26	
1435.0	86.6	12.6	25.3	00:29:28	
1436.0	74.9	12.6	35.1	00:29:30	
1437.0	66.9	12.6	41.5	00:29:31	
1438.0	65.5	12.7	43.0	00:29:33	
1439.0	62.8	12.6	46.2	00:29:34	
1440.0	61.9	12.6	47.1	00:29:35	
1441.0	60.9	12.6	48.1	00:29:37	
1442.0	59.7	12.7	49.0	00:29:38	
1443.0	60.4	12.7	48.9	00:29:39	
1444.0	60.0	12.7	49.0	00:29:40	
1445.0	60.1	12.7	49.0	00:29:42	
1446.0	60.0	12.7	49.0	00:29:43	
1447.0	59.4	12.7	49.3	00:29:44	
1448.0	60.0	12.7	49.0	00:29:45	
1449.0	59.8	12.7	49.2	00:29:47	
1450.0	59.0	12.7	49.6	00:29:48	
1451.0	58.9	12.7	49.6	00:29:49	
1452.0	59.1	12.6	49.4	00:29:50	
1453.0	59.6	12.7	49.3	00:29:51	
1454.0	58.4	12.6	49.9	00:29:53	
1455.0	59.2	12.7	49.5	00:29:54	
1456.0	59.7	12.6	49.4	00:29:55	
1457.0	58.3	12.7	50.0	00:29:56	
1458.0	58.2	12.6	50.3	00:29:57	
1459.0	58.8	12.7	49.9	00:29:59	
1460.0	59.8	12.7	49.4	00:30:00	
1461.0	59.6	12.7	49.6	00:30:01	
1462.0	59.1	12.6	49.7	00:30:02	
1463.0	60.7	12.6	49.0	00:30:03	
1464.0	60.0	12.7	49.4	00:30:05	
1465.0	59.4	12.6	49.5	00:30:06	
1466.0	59.3	12.6	49.7	00:30:07	
1467.0	59.7	12.6	49.5	00:30:08	
1468.0	60.4	12.6	49.2	00:30:10	
1469.0	59.5	12.6	49.5	00:30:11	
1470.0	60.6	12.6	49.0	00:30:12	
1471.0	61.1	12.6	48.9	00:30:13	
1472.0	60.3	12.6	49.3	00:30:14	
1473.0	59.7	12.6	49.5	00:30:16	
1474.0	59.6	12.6	49.5	00:30:17	
1475.0	59.2	12.6	49.6	00:30:18	
1476.0	59.3	12.6	49.6	00:30:19	
1477.0	60.3	12.6	49.2	00:30:20	
1478.0	59.4	12.6	49.6	00:30:22	
1479.0	59.1	12.6	49.7	00:30:23	
1480.0	59.9	12.6	49.4	00:30:24	
1481.0	60.2	12.6	49.3	00:30:25	
1482.0	59.3	12.6	49.5	00:30:26	
1483.0	59.9	12.6	49.4	00:30:28	
1484.0	60.8	12.6	49.1	00:30:29	
1485.0	60.2	12.6	49.2	00:30:30	
1486.0	59.5	12.6	49.5	00:30:31	
1487.0	60.1	12.6	49.3	00:30:33	
1488.0	60.9	12.7	49.0	00:30:34	
1489.0	60.3	12.7	49.2	00:30:35	
1490.0	59.8	12.6	49.3	00:30:36	

Length [m]	Pushing Force [N]	Duct pressure [bar]	Speed [m/min]	Time - Duration [hh:mm:ss]	Remarks
1491.0	60.5	12.6	49.2	00:30:38	
1492.0	61.0	12.6	48.9	00:30:39	
1493.0	61.0	12.6	48.8	00:30:40	
1494.0	60.5	12.7	49.0	00:30:41	
1495.0	60.3	12.6	49.1	00:30:42	
1496.0	60.2	12.7	49.2	00:30:44	
1497.0	61.5	12.6	48.6	00:30:45	
1498.0	61.0	12.6	48.8	00:30:46	
1499.0	60.4	12.6	49.0	00:30:47	
1500.0	61.9	12.6	48.2	00:30:49	
1501.0	61.3	12.6	48.5	00:30:50	
1502.0	61.6	12.6	48.4	00:30:51	
1503.0	62.6	12.6	47.9	00:30:52	
1504.0	62.5	12.6	47.9	00:30:54	
1505.0	62.6	12.6	47.9	00:30:55	
1506.0	63.3	12.6	47.6	00:30:56	
1507.0	63.2	12.6	47.7	00:30:57	
1508.0	63.8	12.6	47.4	00:30:59	
1509.0	62.7	12.6	47.7	00:31:00	
1510.0	62.8	12.6	47.6	00:31:01	
1511.0	63.9	12.6	47.1	00:31:02	
1512.0	63.6	12.6	47.3	00:31:04	
1513.0	63.9	12.6	47.3	00:31:05	
1514.0	63.5	12.6	47.2	00:31:06	
1515.0	63.0	12.6	47.4	00:31:07	
1516.0	64.3	12.6	47.0	00:31:09	
1517.0	63.8	12.6	47.1	00:31:10	
1518.0	64.0	12.6	46.9	00:31:11	
1519.0	64.0	12.6	47.0	00:31:13	
1520.0	64.9	12.6	46.6	00:31:14	
1521.0	64.6	12.6	46.6	00:31:15	
1522.0	66.1	12.6	46.1	00:31:16	
1523.0	65.9	12.6	45.9	00:31:18	
1524.0	66.1	12.6	45.8	00:31:19	
1525.0	66.2	12.6	45.6	00:31:20	
1526.0	66.7	12.6	45.3	00:31:22	
1527.0	67.2	12.6	45.0	00:31:23	
1528.0	67.0	12.6	45.1	00:31:24	
1529.0	67.4	12.6	44.9	00:31:26	
1530.0	67.4	12.6	44.8	00:31:27	
1531.0	67.6	12.6	44.7	00:31:28	
1532.0	68.1	12.6	44.5	00:31:30	
1533.0	67.9	12.6	44.4	00:31:31	
1534.0	68.5	12.6	44.2	00:31:33	
1535.0	68.7	12.6	43.9	00:31:34	
1536.0	68.9	12.6	43.8	00:31:35	
1537.0	68.7	12.6	43.8	00:31:37	
1538.0	69.0	12.6	43.7	00:31:38	
1539.0	62.2	12.6	38.7	00:31:40	
1540.0	63.3	12.6	22.3	00:31:42	
1540.7	5.2	12.6	1.3	00:32:20	Stop (16:09)