Attachment 2

Borger PM Alarm Data

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 2 Device: AT-2BF1WG_DH Component: AT-2BF1WG Dust (mg/m³) Primary Bag Filter

Exceedance	Duration D:H:M		Reason
	00:00:15		Alarm Condition > 70

Start End	Duration D:H:M	Average	Reason Action
12/1/2019 3:15 AM 12/1/2019 3:30 AM	00:00:15	94.1	Exceedance Condition Exceedance Condition Resolved
Total:	00:00:15	Total number of Events: 1	

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Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 2 Device: AT-2DF1WG_DH Component: AT-2DF1WG Dust (mg/m³) Dryer Filter

Exceedance	Duration D:H:M		Reason
	08:06:15		Alarm condition > 70
	00:00:45		Alarm condition > 70 Startup/shutdown

Start End	Duration D:H:M	Average	Reason Action
7/1/2019 11:45 AM 7/1/2019 12:30 PM	00:00:45	168.6	Process Startup / Shutdown Exceedance Condition Resolved
8/4/2019 1:30 PM 8/4/2019 3:00 PM	00:01:30	91.9	Exceedance Condition Exceedance Condition Resolved
8/4/2019 4:15 PM 8/4/2019 5:15 PM	00:01:00	104.1	Exceedance Condition Exceedance Condition Resolved
10/7/2019 3:45 PM 10/7/2019 4:15 PM	00:00:30	117.7	Exceedance Condition Exceedance Condition Resolved
10/25/2019 11:00 AM 10/25/2019 12:00 PM	00:01:00	117.5	Exceedance Condition Exceedance Condition Resolved
11/14/2019 11:30 AM 11/14/2019 12:00 PM	00:00:30	107.8	Exceedance Condition Exceedance Condition Resolved
11/14/2019 12:15 PM 11/14/2019 1:00 PM	00:00:45	78.9	Exceedance Condition Exceedance Condition Resolved
12/21/2019 1:15 PM 12/21/2019 2:30 PM	00:01:15	147.4	Exceedance Condition Exceedance Condition Resolved
12/21/2019 4:00 PM 12/21/2019 5:45 PM	00:01:45	185.4	Exceedance Condition Exceedance Condition Resolved
12/22/2019 11:15 AM 12/22/2019 2:15 PM	00:03:00	98.9	Exceedance Condition Exceedance Condition Resolved
12/22/2019 2:30 PM 12/22/2019 3:00 PM	00:00:30	73.8	Exceedance Condition Exceedance Condition Resolved
12/22/2019 3:30 PM 12/30/2019 9:45 AM	07:18:15	198.6	Exceedance Condition Exceedance Condition Resolved
12/30/2019 6:00 PM 12/30/2019 6:15 PM	00:00:15	72.0	Exceedance Condition Exceedance Condition Resolved
Total:	08:07:00	Total number of Events: 13	

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Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 2 Device: AT-2CO1WG_DH Component: AT-2CO1WG Dust (mg/m³) Dryer

Exceedance	Duration D:H:M		Reason
	00:00:15		Alarm condition > 70

Start End	Duration D:H:M	Average	Reason Action
7/1/2019 11:15 AM 7/1/2019 11:30 AM	00:00:15	96.8	Process Startup / Shutdown Exceedance Condition Resolved
Total:	00:00:15	Total number of Events: 1	

CEMView
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Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 3 Device: AT-3BF2WG_DH Component: AT-3BF2WG Dust (mg/m³) Primary Bag Filter

Exceedance	Duration D:H:M		Reason
	33:21:00		Alarm condition > 70

Start End	Duration D:H:M	Average	Reason Action
7/10/2019 4:15 AM 7/10/2019 4:45 AM	00:00:30	127.0	Exceedance Condition Exceedance Condition Resolved
7/10/2019 5:00 AM 7/10/2019 5:15 AM	00:00:15	71.6	Exceedance Condition Exceedance Condition Resolved
7/25/2019 12:15 PM 7/25/2019 12:45 PM	00:00:30	81.8	Exceedance Condition Exceedance Condition Resolved
7/25/2019 5:15 PM 7/25/2019 8:30 PM	00:03:15	70.7	Exceedance Condition Exceedance Condition Resolved
7/25/2019 8:45 PM 7/25/2019 9:15 PM	00:00:30	70.5	Exceedance Condition Exceedance Condition Resolved
7/25/2019 10:00 PM 7/25/2019 10:15 PM	00:00:15	71.5	Exceedance Condition Exceedance Condition Resolved
7/25/2019 10:30 PM 7/26/2019 3:15 PM	00:16:45	74.5	Exceedance Condition Exceedance Condition Resolved
7/26/2019 6:45 PM 7/26/2019 7:45 PM	00:01:00	72.3	Exceedance Condition Exceedance Condition Resolved
7/30/2019 1:00 PM 7/30/2019 1:15 PM	00:00:15	71.5	Exceedance Condition Exceedance Condition Resolved
7/30/2019 8:45 PM 7/30/2019 9:00 PM	00:00:15	70.8	Exceedance Condition Exceedance Condition Resolved
7/31/2019 9:00 AM 7/31/2019 1:30 PM	00:04:30	79.4	Exceedance Condition Exceedance Condition Resolved

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

7/31/2019 5:15 PM 7/31/2019 7:30 PM	00:02:15	92.9	Exceedance Condition Exceedance Condition Resolved
8/1/2019 11:00 AM 8/1/2019 11:15 AM	00:00:15	78.8	Exceedance Condition Process Restarted
8/2/2019 7:00 PM 8/2/2019 9:15 PM	00:02:15	106.9	Exceedance Condition Exceedance Condition Resolved
8/5/2019 8:15 AM 8/5/2019 8:45 AM	00:00:30	70.4	Exceedance Condition Exceedance Condition Resolved
8/9/2019 11:30 AM 8/9/2019 1:45 PM	00:02:15	131.9	Exceedance Condition Exceedance Condition Resolved
8/9/2019 2:00 PM 8/9/2019 3:15 PM	00:01:15	82.7	Exceedance Condition Exceedance Condition Resolved
8/16/2019 6:30 AM 8/16/2019 11:45 AM	00:05:15	76.3	Exceedance Condition Exceedance Condition Resolved
8/26/2019 12:30 PM 8/26/2019 1:00 PM	00:00:30	73.1	Exceedance Condition Exceedance Condition Resolved
9/1/2019 10:00 AM 9/1/2019 11:30 AM	00:01:30	87.2	Exceedance Condition Exceedance Condition Resolved
9/2/2019 1:45 AM 9/2/2019 2:45 AM	00:01:00	87.5	Exceedance Condition Exceedance Condition Resolved
9/2/2019 5:30 AM 9/2/2019 5:45 AM	00:00:15	75.0	Exceedance Condition Exceedance Condition Resolved
9/3/2019 5:00 PM 9/3/2019 5:30 PM	00:00:30	79.3	Exceedance Condition Exceedance Condition Resolved
9/10/2019 12:45 PM 9/10/2019 1:15 PM	00:00:30	77.3	Exceedance Condition Exceedance Condition Resolved
9/10/2019 7:30 PM 9/10/2019 11:15 PM	00:03:45	72.4	Exceedance Condition Exceedance Condition Resolved
9/11/2019 8:00 AM 9/11/2019 2:45 PM	00:06:45	75.2	Exceedance Condition Exceedance Condition Resolved
9/11/2019 3:00 PM 9/11/2019 8:30 PM	00:05:30	78.2	Exceedance Condition Exceedance Condition Resolved
9/11/2019 9:00 PM 9/12/2019 6:00 AM	00:09:00	78.2	Exceedance Condition Exceedance Condition Resolved
9/12/2019 6:45 AM 9/13/2019 1:30 AM	00:18:45	78.8	Exceedance Condition Exceedance Condition Resolved
9/16/2019 10:45 AM 9/16/2019 11:00 AM	00:00:15	70.4	Exceedance Condition Exceedance Condition Resolved
9/16/2019 5:15 PM 9/16/2019 5:30 PM	00:00:15	70.2	Exceedance Condition Exceedance Condition Resolved

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7095 Highway 83, Franklin, LA, 70538, USA

9/16/2019 5:45 PM 9/16/2019 6:45 PM	00:01:00	71.5	Exceedance Condition Exceedance Condition Resolved
9/16/2019 7:15 PM 9/17/2019 5:45 AM	00:10:30	88.6	Exceedance Condition Exceedance Condition Resolved
9/17/2019 6:45 AM 9/17/2019 9:45 AM	00:03:00	123.9	Exceedance Condition Exceedance Condition Resolved
9/24/2019 11:00 AM 9/24/2019 11:15 AM	00:00:15	78.3	Exceedance Condition Exceedance Condition Resolved
9/29/2019 6:45 PM 9/29/2019 7:00 PM	00:00:15	70.3	Exceedance Condition Exceedance Condition Resolved
10/8/2019 1:30 AM 10/8/2019 2:00 AM	00:00:30	120.1	Exceedance Condition Exceedance Condition Resolved
10/9/2019 11:15 AM 10/9/2019 11:45 AM	00:00:30	118.3	Exceedance Condition Exceedance Condition Resolved
10/23/2019 12:45 AM 10/23/2019 6:45 AM	00:06:00	91.0	Exceedance Condition Exceedance Condition Resolved
10/23/2019 7:00 AM 10/23/2019 7:45 AM	00:00:45	74.5	Exceedance Condition Exceedance Condition Resolved
10/23/2019 8:15 AM 10/23/2019 10:00 AM	00:01:45	74.8	Exceedance Condition Exceedance Condition Resolved
10/23/2019 10:15 AM 10/23/2019 10:30 AM	00:00:15	70.9	Exceedance Condition Exceedance Condition Resolved
10/23/2019 10:45 AM 10/23/2019 11:00 AM	00:00:15	72.2	Exceedance Condition Exceedance Condition Resolved
10/23/2019 2:30 PM 10/23/2019 3:15 PM	00:00:45	71.3	Exceedance Condition Exceedance Condition Resolved
10/23/2019 3:45 PM 10/23/2019 4:00 PM	00:00:15	76.0	Exceedance Condition Exceedance Condition Resolved
10/23/2019 4:45 PM 10/23/2019 5:00 PM	00:00:15	74.8	Exceedance Condition Exceedance Condition Resolved
10/23/2019 5:30 PM 10/23/2019 5:45 PM	00:00:15	74.4	Exceedance Condition Exceedance Condition Resolved
10/23/2019 8:00 PM 10/23/2019 8:15 PM	00:00:15	72.1	Exceedance Condition Exceedance Condition Resolved
10/23/2019 8:30 PM 10/23/2019 8:45 PM	00:00:15	72.6	Exceedance Condition Exceedance Condition Resolved
10/23/2019 9:00 PM 10/23/2019 9:15 PM	00:00:15	70.7	Exceedance Condition Exceedance Condition Resolved
10/23/2019 10:00 PM 10/23/2019 10:30 PM	00:00:30	72.7	Exceedance Condition Exceedance Condition Resolved

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10/23/2019 10:45 PM 10/23/2019 11:15 PM	00:00:30	70.8	Exceedance Condition Exceedance Condition Resolved
10/24/2019 2:00 AM 10/24/2019 3:15 AM	00:01:15	72.5	Exceedance Condition Exceedance Condition Resolved
10/24/2019 3:30 AM 10/24/2019 6:15 AM	00:02:45	76.0	Exceedance Condition Exceedance Condition Resolved
10/24/2019 6:30 AM 10/24/2019 6:45 AM	00:00:15	73.1	Exceedance Condition Exceedance Condition Resolved
10/24/2019 8:45 AM 10/24/2019 9:15 AM	00:00:30	73.1	Exceedance Condition Exceedance Condition Resolved
10/24/2019 9:30 AM 10/24/2019 9:45 AM	00:00:15	75.2	Exceedance Condition Exceedance Condition Resolved
10/24/2019 12:45 PM 10/24/2019 1:00 PM	00:00:15	70.7	Exceedance Condition Exceedance Condition Resolved
10/24/2019 11:45 PM 10/25/2019 12:00 AM	00:00:15	71.1	Exceedance Condition Exceedance Condition Resolved
10/25/2019 2:45 AM 10/25/2019 3:00 AM	00:00:15	70.8	Exceedance Condition Exceedance Condition Resolved
10/25/2019 3:45 AM 10/25/2019 4:00 AM	00:00:15	70.2	Exceedance Condition Exceedance Condition Resolved
10/25/2019 5:45 AM 10/25/2019 11:00 PM	00:17:15	82.1	Exceedance Condition Exceedance Condition Resolved
10/25/2019 11:30 PM 10/26/2019 1:00 AM	00:01:30	75.6	Exceedance Condition Exceedance Condition Resolved
10/26/2019 1:15 AM 10/26/2019 1:45 AM	00:00:30	70.9	Exceedance Condition Exceedance Condition Resolved
10/26/2019 2:00 AM 10/26/2019 3:30 AM	00:01:30	72.6	Exceedance Condition Exceedance Condition Resolved
10/26/2019 4:00 AM 10/26/2019 4:45 AM	00:00:45	71.7	Exceedance Condition Exceedance Condition Resolved
10/27/2019 5:30 AM 10/27/2019 5:45 AM	00:00:15	70.0	Exceedance Condition Exceedance Condition Resolved
10/27/2019 6:00 AM 10/27/2019 6:15 AM	00:00:15	71.8	Exceedance Condition Exceedance Condition Resolved
10/27/2019 6:30 AM 10/27/2019 12:15 PM	00:05:45	76.0	Exceedance Condition Exceedance Condition Resolved
10/27/2019 1:00 PM 10/27/2019 1:15 PM	00:00:15	71.2	Exceedance Condition Exceedance Condition Resolved
10/27/2019 1:30 PM 10/27/2019 3:00 PM	00:01:30	71.3	Exceedance Condition Exceedance Condition Resolved
10/27/2019 3:15 PM 10/27/2019 3:30 PM	00:00:15	70.3	Exceedance Condition Exceedance Condition Resolved

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10/27/2019 4:15 PM 10/27/2019 5:00 PM	00:00:45	70.6	Exceedance Condition Exceedance Condition Resolved
10/27/2019 5:15 PM 10/27/2019 6:00 PM	00:00:45	72.1	Exceedance Condition Exceedance Condition Resolved
10/27/2019 6:30 PM 10/27/2019 8:45 PM	00:02:15	72.5	Exceedance Condition Exceedance Condition Resolved
10/27/2019 10:15 PM 10/27/2019 10:30 PM	00:00:15	71.4	Exceedance Condition Exceedance Condition Resolved
10/27/2019 11:00 PM 10/28/2019 12:30 AM	00:01:30	73.1	Exceedance Condition Exceedance Condition Resolved
10/28/2019 12:45 AM 10/28/2019 7:00 AM	00:06:15	73.4	Exceedance Condition Exceedance Condition Resolved
10/28/2019 7:30 AM 10/28/2019 7:45 AM	00:00:15	73.1	Exceedance Condition Exceedance Condition Resolved
10/30/2019 3:00 AM 10/30/2019 3:15 AM	00:00:15	70.5	Exceedance Condition Exceedance Condition Resolved
10/30/2019 3:30 AM 10/30/2019 11:15 AM	00:07:45	78.1	Exceedance Condition Exceedance Condition Resolved
10/30/2019 11:30 AM 10/31/2019 6:15 PM	01:06:45	88.9	Exceedance Condition Exceedance Condition Resolved
10/31/2019 6:45 PM 10/31/2019 7:00 PM	00:00:15	70.8	Exceedance Condition Exceedance Condition Resolved
10/31/2019 7:30 PM 10/31/2019 7:45 PM	00:00:15	71.5	Exceedance Condition Exceedance Condition Resolved
11/1/2019 12:45 AM 11/1/2019 1:00 AM	00:00:15	71.7	Exceedance Condition Exceedance Condition Resolved
11/1/2019 1:45 AM 11/1/2019 2:00 AM	00:00:15	70.7	Exceedance Condition Exceedance Condition Resolved
11/1/2019 2:30 AM 11/1/2019 3:45 AM	00:01:15	72.1	Exceedance Condition Exceedance Condition Resolved
11/6/2019 2:15 PM 11/6/2019 2:30 PM	00:00:15	70.1	Exceedance Condition Exceedance Condition Resolved
11/7/2019 10:45 AM 11/7/2019 11:30 AM	00:00:45	70.9	Exceedance Condition Exceedance Condition Resolved
11/7/2019 11:45 AM 11/7/2019 12:15 PM	00:00:30	70.7	Exceedance Condition Exceedance Condition Resolved
11/7/2019 12:30 PM 11/7/2019 12:45 PM	00:00:15	72.5	Exceedance Condition Exceedance Condition Resolved
11/7/2019 1:00 PM 11/7/2019 1:15 PM	00:00:15	70.5	Exceedance Condition Exceedance Condition Resolved

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11/7/2019 1:30 PM 11/7/2019 2:15 PM	00:00:45	71.3	Exceedance Condition Exceedance Condition Resolved
11/7/2019 2:30 PM 11/7/2019 2:45 PM	00:00:15	71.7	Exceedance Condition Exceedance Condition Resolved
11/7/2019 3:00 PM 11/7/2019 3:45 PM	00:00:45	70.7	Exceedance Condition Exceedance Condition Resolved
11/7/2019 4:15 PM 11/7/2019 4:30 PM	00:00:15	70.9	Exceedance Condition Exceedance Condition Resolved
11/7/2019 5:00 PM 11/7/2019 5:30 PM	00:00:30	70.6	Exceedance Condition Exceedance Condition Resolved
11/7/2019 6:15 PM 11/7/2019 6:30 PM	00:00:15	70.2	Exceedance Condition Exceedance Condition Resolved
11/7/2019 6:45 PM 11/7/2019 7:15 PM	00:00:30	71.3	Exceedance Condition Exceedance Condition Resolved
11/7/2019 7:45 PM 11/7/2019 8:15 PM	00:00:30	70.7	Exceedance Condition Exceedance Condition Resolved
11/7/2019 8:30 PM 11/7/2019 8:45 PM	00:00:15	70.4	Exceedance Condition Exceedance Condition Resolved
11/7/2019 9:30 PM 11/7/2019 9:45 PM	00:00:15	70.5	Exceedance Condition Exceedance Condition Resolved
11/7/2019 10:00 PM 11/7/2019 10:15 PM	00:00:15	70.6	Exceedance Condition Exceedance Condition Resolved
11/8/2019 3:30 AM 11/8/2019 3:45 AM	00:00:15	71.1	Exceedance Condition Exceedance Condition Resolved
11/9/2019 6:15 PM 11/9/2019 6:45 PM	00:00:30	71.3	Exceedance Condition Exceedance Condition Resolved
11/10/2019 4:30 AM 11/10/2019 4:45 AM	00:00:15	71.0	Exceedance Condition Exceedance Condition Resolved
11/10/2019 6:45 AM 11/10/2019 7:45 AM	00:01:00	72.3	Exceedance Condition Exceedance Condition Resolved
11/10/2019 8:30 AM 11/10/2019 8:45 AM	00:00:15	70.1	Exceedance Condition Exceedance Condition Resolved
11/10/2019 9:30 AM 11/10/2019 11:15 AM	00:01:45	72.6	Exceedance Condition Exceedance Condition Resolved
11/10/2019 11:45 AM 11/10/2019 12:30 PM	00:00:45	75.0	Exceedance Condition Exceedance Condition Resolved
11/10/2019 12:45 PM 11/10/2019 2:15 PM	00:01:30	77.8	Exceedance Condition Exceedance Condition Resolved
11/10/2019 2:45 PM 11/10/2019 5:30 PM	00:02:45	73.9	Exceedance Condition Exceedance Condition Resolved

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11/10/2019 5:45 PM 11/10/2019 7:00 PM	00:01:15	74.5	Exceedance Condition Exceedance Condition Resolved
11/10/2019 7:15 PM 11/10/2019 7:30 PM	00:00:15	75.8	Exceedance Condition Exceedance Condition Resolved
11/10/2019 7:45 PM 11/10/2019 8:00 PM	00:00:15	70.1	Exceedance Condition Exceedance Condition Resolved
11/10/2019 8:30 PM 11/10/2019 9:30 PM	00:01:00	73.0	Exceedance Condition Exceedance Condition Resolved
11/10/2019 10:45 PM 11/10/2019 11:45 PM	00:01:00	74.9	Exceedance Condition Exceedance Condition Resolved
11/11/2019 1:30 AM 11/11/2019 2:00 AM	00:00:30	73.3	Exceedance Condition Exceedance Condition Resolved
11/11/2019 2:30 AM 11/11/2019 2:45 AM	00:00:15	73.0	Exceedance Condition Exceedance Condition Resolved
11/11/2019 3:15 AM 11/11/2019 4:30 AM	00:01:15	73.2	Exceedance Condition Exceedance Condition Resolved
11/11/2019 5:00 AM 11/11/2019 5:15 AM	00:00:15	71.8	Exceedance Condition Exceedance Condition Resolved
11/11/2019 5:45 AM 11/11/2019 6:15 AM	00:00:30	71.8	Exceedance Condition Exceedance Condition Resolved
11/11/2019 6:30 AM 11/11/2019 7:00 AM	00:00:30	70.8	Exceedance Condition Exceedance Condition Resolved
11/11/2019 7:15 AM 11/11/2019 8:00 AM	00:00:45	71.7	Exceedance Condition Exceedance Condition Resolved
11/11/2019 8:15 AM 11/11/2019 9:00 AM	00:00:45	75.2	Exceedance Condition Exceedance Condition Resolved
11/11/2019 9:15 AM 11/11/2019 11:15 AM	00:02:00	74.9	Exceedance Condition Exceedance Condition Resolved
11/11/2019 11:45 AM 11/11/2019 12:15 PM	00:00:30	72.4	Exceedance Condition Exceedance Condition Resolved
11/11/2019 12:30 PM 11/11/2019 12:45 PM	00:00:15	76.2	Exceedance Condition Exceedance Condition Resolved
11/11/2019 1:00 PM 11/11/2019 1:30 PM	00:00:30	75.2	Exceedance Condition Exceedance Condition Resolved
11/11/2019 1:45 PM 11/11/2019 6:00 PM	00:04:15	74.8	Exceedance Condition Exceedance Condition Resolved
11/11/2019 7:30 PM 11/11/2019 7:45 PM	00:00:15	72.2	Exceedance Condition Exceedance Condition Resolved
11/11/2019 8:00 PM 11/11/2019 8:15 PM	00:00:15	71.1	Exceedance Condition Exceedance Condition Resolved
11/11/2019 8:30 PM 11/11/2019 9:00 PM	00:00:30	71.8	Exceedance Condition Exceedance Condition Resolved

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11/11/2019 9:15 PM	00:00:45	72.1	Exceedance Condition
11/11/2019 10:00 PM			Exceedance Condition Resolved
11/11/2019 11:15 PM	00:01:00	74.1	Exceedance Condition
11/12/2019 12:15 AM			Exceedance Condition Resolved
11/13/2019 1:00 PM	00:00:15	70.5	Exceedance Condition
11/13/2019 1:15 PM			Exceedance Condition Resolved
11/13/2019 2:45 PM	00:00:15	70.3	Exceedance Condition
11/13/2019 3:00 PM			Exceedance Condition Resolved
11/13/2019 3:30 PM	00:00:15	70.0	Exceedance Condition
11/13/2019 3:45 PM			Exceedance Condition Resolved
11/13/2019 9:30 PM	00:00:30	72.8	Exceedance Condition
11/13/2019 10:00 PM			Exceedance Condition Resolved
11/13/2019 10:15 PM	00:00:15	72.5	Exceedance Condition
11/13/2019 10:30 PM			Exceedance Condition Resolved
11/13/2019 11:30 PM	00:06:00	76.0	Exceedance Condition
11/14/2019 5:30 AM			Exceedance Condition Resolved
11/14/2019 5:45 AM	00:03:30	88.5	Exceedance Condition
11/14/2019 9:15 AM			Exceedance Condition Resolved
11/14/2019 9:30 AM	00:01:30	90.5	Exceedance Condition
11/14/2019 11:00 AM			Exceedance Condition Resolved
11/14/2019 1:45 PM	06:11:15	116.8	Exceedance Condition
11/21/2019 1:00 AM			Exceedance Condition Resolved
12/13/2019 6:00 PM	00:04:15	98.2	Exceedance Condition
12/13/2019 10:15 PM			Exceedance Condition Resolved
12/13/2019 10:30 PM	00:01:00	79.2	Exceedance Condition
12/13/2019 11:30 PM			Exceedance Condition Resolved
12/13/2019 11:45 PM	00:01:30	82.2	Exceedance Condition
12/14/2019 1:15 AM			Exceedance Condition Resolved
12/14/2019 1:30 AM	00:01:30	75.9	Exceedance Condition
12/14/2019 3:00 AM			Exceedance Condition Resolved
12/14/2019 4:45 AM	00:00:15	72.4	Exceedance Condition
12/14/2019 5:00 AM			Exceedance Condition Resolved
12/14/2019 6:30 AM	00:00:30	73.3	Exceedance Condition
12/14/2019 7:00 AM			Exceedance Condition Resolved
12/14/2019 7:15 AM	00:00:15	73.3	Exceedance Condition
12/14/2019 7:30 AM			Exceedance Condition Resolved
12/14/2019 8:30 AM	00:00:15	75.5	Exceedance Condition
12/14/2019 8:45 AM			Exceedance Condition Resolved
12/14/2019 9:15 AM	00:00:15	75.0	Exceedance Condition
12/14/2019 9:30 AM			Exceedance Condition Resolved

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7095 Highway 83, Franklin, LA, 70538, USA

12/14/2019 10:00 AM 12/14/2019 5:15 PM	00:07:15	80.8	Exceedance Condition Exceedance Condition Resolved
12/14/2019 5:30 PM 12/14/2019 7:00 PM	00:01:30	78.1	Exceedance Condition Exceedance Condition Resolved
12/14/2019 7:30 PM 12/14/2019 10:45 PM	00:03:15	78.4	Exceedance Condition Exceedance Condition Resolved
12/14/2019 11:00 PM 12/15/2019 4:45 AM	00:05:45	88.0	Exceedance Condition Exceedance Condition Resolved
12/15/2019 5:00 AM 12/15/2019 7:30 AM	00:02:30	87.8	Exceedance Condition Exceedance Condition Resolved
12/15/2019 7:45 AM 12/19/2019 4:30 AM	03:20:45	121.2	Exceedance Condition Exceedance Condition Resolved
12/20/2019 12:45 AM 12/30/2019 12:15 PM	10:11:30	153.5	Exceedance Condition Exceedance Condition Resolved
12/30/2019 12:30 PM 12/30/2019 1:15 PM	00:00:45	98.1	Exceedance Condition Exceedance Condition Resolved
12/30/2019 2:45 PM 12/31/2019 7:15 PM	01:04:30	202.0	Exceedance Condition Exceedance Condition Resolved
Total:	33:21:00	Total number of Events: 162	

CEMView
by Nexus Solutions Inc.

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 3 Device: AT-3DF1WG_DH Component: AT-3DF1WG Dust (mg/m³) Dryer Filter

Exceedance	Duration D:H:M		Reason
	00:02:45		Alarm condition > 70

Start End	Duration D:H:M	Average	Reason Action
9/27/2019 11:00 PM 9/28/2019 1:00 AM	00:02:00	117.9	Exceedance Condition Exceedance Condition Resolved
10/9/2019 11:45 AM 10/9/2019 12:00 PM	00:00:15	106.8	Exceedance Condition Exceedance Condition Resolved
12/13/2019 8:15 PM 12/13/2019 8:30 PM	00:00:15	73.2	Exceedance Condition Exceedance Condition Resolved
12/13/2019 9:00 PM 12/13/2019 9:15 PM	00:00:15	130.3	Exceedance Condition Exceedance Condition Resolved
Total:	00:02:45	Total number of Events: 4	

CEMView
by Nexus Solutions Inc.

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 3 Device: AT-3DF2WG_DH Component: AT-3DF2WG Dust (mg/m³) Dryer filter #2

Exceedance	Duration D:H:M		Reason
	00:09:45		Alarm condition >70

Start End	Duration D:H:M	Average	Reason Action
9/24/2019 2:15 PM 9/24/2019 2:45 PM	00:00:30	112.2	Exceedance Condition Exceedance Condition Resolved
9/24/2019 3:00 PM 9/24/2019 3:15 PM	00:00:15	138.6	Exceedance Condition Exceedance Condition Resolved
10/9/2019 11:45 AM 10/9/2019 12:00 PM	00:00:15	87.3	Exceedance Condition Exceedance Condition Resolved
12/13/2019 8:15 PM 12/13/2019 9:15 PM	00:01:00	138.7	Exceedance Condition Exceedance Condition Resolved
12/13/2019 9:30 PM 12/13/2019 11:15 PM	00:01:45	74.6	Exceedance Condition Exceedance Condition Resolved
12/14/2019 8:30 AM 12/14/2019 2:15 PM	00:05:45	80.6	Exceedance Condition Exceedance Condition Resolved
12/30/2019 1:15 PM 12/30/2019 1:30 PM	00:00:15	77.7	Exceedance Condition Exceedance Condition Resolved
Total:	00:09:45	Total number of Events: 7	

CEMView
by Nexus Solutions Inc.

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 4 Device: AT-4DF1WG_DH Component: AT-4DF1WG Dust (mg/m³) Dryer filter

Exceedance	Duration D:H:M		Reason
	00:00:15		Alarm condition > 70

Start End	Duration D:H:M	Average	Reason Action
9/23/2019 6:45 AM 9/23/2019 7:00 AM	00:00:15	89.0	Exceedance Condition Exceedance Condition Resolved
Total:	00:00:15	Total number of Events: 1	

CEMView
by Nexus Solutions Inc.

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 4 Device: AT-4CO1WG_DH Component: AT-4CO1WG Dust (mg/m³) Dryer #1

Exceedance	Duration D:H:M		Reason
	00:09:45		Alarm condition >. 70

Start End	Duration D:H:M	Average	Reason Action
7/8/2019 2:30 PM 7/8/2019 2:45 PM	00:00:15	91.3	Exceedance Condition Exceedance Condition Resolved
8/7/2019 8:15 AM 8/7/2019 8:30 AM	00:00:15	74.8	Exceedance Condition Exceedance Condition Resolved
10/10/2019 10:15 AM 10/10/2019 10:45 AM	00:00:30	161.0	Exceedance Condition Exceedance Condition Resolved
10/19/2019 8:15 AM 10/19/2019 8:30 AM	00:00:15	71.3	Exceedance Condition Exceedance Condition Resolved
10/19/2019 9:00 AM 10/19/2019 9:15 AM	00:00:15	70.7	Exceedance Condition Exceedance Condition Resolved
10/19/2019 11:15 AM 10/19/2019 11:30 AM	00:00:15	81.4	Exceedance Condition Exceedance Condition Resolved
10/19/2019 12:00 PM 10/19/2019 2:15 PM	00:02:15	99.2	Exceedance Condition Exceedance Condition Resolved
10/19/2019 2:30 PM 10/19/2019 2:45 PM	00:00:15	70.1	Exceedance Condition Exceedance Condition Resolved
10/19/2019 3:00 PM 10/19/2019 8:00 PM	00:05:00	83.3	Exceedance Condition Exceedance Condition Resolved
10/19/2019 9:00 PM 10/19/2019 9:15 PM	00:00:15	82.0	Exceedance Condition Exceedance Condition Resolved
10/20/2019 6:00 PM 10/20/2019 6:15 PM	00:00:15	73.1	Exceedance Condition Exceedance Condition Resolved
Total:	00:09:45	Total number of Events: 11	

CEMView
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Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 4 Device: AT-4CO2WG_DH Component: AT-4CO2WG Dust (mg/m³) Dryer #2

Exceedance	Duration D:H:M	Reason	
	00:00:30		Alarm condition > 70

Start End	Duration D:H:M	Average	Reason Action
10/10/2019 3:00 PM 10/10/2019 3:30 PM	00:00:30	96.1	Exceedance Condition Exceedance Condition Resolved
Total:	00:00:30	Total number of Events: 1	

CEMView
by Nexus Solutions Inc.

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 5 Device: AT-5BF2WG_DH Component: AT-5BF2WG Dust (mg/m³) Primary Bag Filter

Exceedance	Duration D:H:M		Reason
	3:00:00		Alarm condition > 70

Start	End	Duration D:H:M	Average	Reason Action
7/24/19 9:00AM	7/27/2019 9:00AM	3:00:00	120.2	Isolated 2 rows initially; then finally changed pulsing sequence to improve bag life, as well as lengthened the off time between pulses. Method 9's performed and results were 3.5%, 2.2%, and 0.8%, respectively. Nothing above 5%
	Total:	3:00:00		Total number of Events: 1

CEMView
by Nexus Solutions Inc.

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

Exceedance report for the period from Monday, July 1, 2019 to Tuesday, December 31, 2019

Source: Unit 5 Device: AT-5BF2WG_DH Component: AT-5BF2WG Dust (mg/m³) Loop filter

Exceedance	Duration D:H:M		Reason
	53:00:15	Alarm condition > 70	

Start End	Duration D:H:M	Average	Reason Action
7/4/2019 1:30 AM 7/4/2019 7:30 AM	00:06:00	85.5	Exceedance Condition Exceedance Condition Resolved
7/10/2019 11:00 PM 7/10/2019 11:30 PM	00:00:30	71.5	Exceedance Condition Exceedance Condition Resolved
7/10/2019 11:45 PM 7/11/2019 1:15 AM	00:01:30	75.1	Exceedance Condition Exceedance Condition Resolved
7/11/2019 2:45 AM 7/11/2019 4:00 AM	00:01:15	74.0	Exceedance Condition Exceedance Condition Resolved
7/11/2019 4:15 AM 7/11/2019 7:15 AM	00:03:00	75.4	Exceedance Condition Exceedance Condition Resolved
7/11/2019 7:45 AM 7/11/2019 8:15 AM	00:00:30	72.8	Exceedance Condition Exceedance Condition Resolved
7/11/2019 8:30 AM 7/11/2019 8:45 AM	00:00:15	72.4	Exceedance Condition Exceedance Condition Resolved
7/23/2019 10:30 AM 7/24/2019 7:15 AM	00:20:45	117.4	Exceedance Condition Exceedance Condition Resolved
7/24/2019 8:30 AM 7/27/2019 5:30 AM	02:21:00	120.9	Exceedance Condition Exceedance Condition Resolved
7/31/2019 1:45 PM 7/31/2019 2:00 PM	00:00:15	73.2	Exceedance Condition Exceedance Condition Resolved
8/3/2019 6:15 AM 8/4/2019 3:30 PM	01:09:15	107.5	Exceedance Condition Exceedance Condition Resolved

Orion Ivanhoe Plant
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8/14/2019 12:00 PM 8/14/2019 12:15 PM	00:00:15	113.3	Exceedance Condition Exceedance Condition Resolved
9/24/2019 6:45 AM 9/24/2019 7:45 AM	00:01:00	140.1	Exceedance Condition Exceedance Condition Resolved
10/28/2019 3:45 AM 10/28/2019 4:00 AM	00:00:15	71.8	Exceedance Condition Exceedance Condition Resolved
10/30/2019 12:45 AM 10/30/2019 1:00 AM	00:00:15	83.0	Exceedance Condition Exceedance Condition Resolved
10/30/2019 1:15 AM 10/30/2019 2:30 AM	00:01:15	79.7	Exceedance Condition Exceedance Condition Resolved
10/30/2019 2:45 AM 10/30/2019 3:15 AM	00:00:30	75.2	Exceedance Condition Exceedance Condition Resolved
10/30/2019 4:15 AM 10/30/2019 5:15 AM	00:01:00	81.0	Exceedance Condition Exceedance Condition Resolved
10/30/2019 5:30 AM 10/30/2019 6:45 AM	00:01:15	77.4	Exceedance Condition Exceedance Condition Resolved
10/30/2019 11:45 AM 10/30/2019 12:00 PM	00:00:15	79.2	Exceedance Condition Exceedance Condition Resolved
10/30/2019 1:00 PM 10/30/2019 2:45 PM	00:01:45	81.6	Exceedance Condition Exceedance Condition Resolved
10/30/2019 3:00 PM 10/30/2019 3:15 PM	00:00:15	84.7	Exceedance Condition Exceedance Condition Resolved
10/31/2019 1:15 PM 10/31/2019 3:45 PM	00:02:30	81.2	Exceedance Condition Exceedance Condition Resolved
10/31/2019 4:15 PM 10/31/2019 5:00 PM	00:00:45	75.4	Exceedance Condition Exceedance Condition Resolved
11/1/2019 2:00 AM 11/1/2019 7:00 AM	00:05:00	82.2	Exceedance Condition Exceedance Condition Resolved
11/1/2019 7:15 AM 11/1/2019 10:45 AM	00:03:30	82.7	Exceedance Condition Exceedance Condition Resolved
11/1/2019 11:15 AM 11/1/2019 7:45 PM	00:08:30	86.9	Exceedance Condition Exceedance Condition Resolved
11/1/2019 8:00 PM 11/1/2019 8:45 PM	00:00:45	97.3	Exceedance Condition Exceedance Condition Resolved
11/1/2019 9:00 PM 11/1/2019 10:30 PM	00:01:30	75.3	Exceedance Condition Exceedance Condition Resolved
11/2/2019 12:15 AM 11/2/2019 10:30 AM	00:10:15	89.5	Exceedance Condition Exceedance Condition Resolved
11/2/2019 11:45 AM 11/2/2019 4:00 PM	00:04:15	87.5	Exceedance Condition Exceedance Condition Resolved

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11/2/2019 4:15 PM 11/2/2019 4:30 PM	00:00:15	87.6	Exceedance Condition Exceedance Condition Resolved
11/2/2019 4:45 PM 11/2/2019 5:15 PM	00:00:30	84.1	Exceedance Condition Exceedance Condition Resolved
11/2/2019 5:30 PM 11/2/2019 11:15 PM	00:05:45	86.1	Exceedance Condition Exceedance Condition Resolved
11/2/2019 11:45 PM 11/3/2019 1:00 AM	00:01:15	84.1	Exceedance Condition Exceedance Condition Resolved
11/3/2019 1:15 AM 11/3/2019 2:00 AM	00:01:45	85.5	Exceedance Condition Exceedance Condition Resolved
11/3/2019 2:45 AM 11/3/2019 3:15 AM	00:00:30	73.1	Exceedance Condition Exceedance Condition Resolved
11/3/2019 3:30 AM 11/3/2019 4:30 AM	00:01:00	82.8	Exceedance Condition Exceedance Condition Resolved
11/3/2019 4:45 AM 11/3/2019 5:45 AM	00:01:00	76.3	Exceedance Condition Exceedance Condition Resolved
11/3/2019 6:00 AM 11/3/2019 6:30 AM	00:00:30	75.2	Exceedance Condition Exceedance Condition Resolved
11/3/2019 8:15 AM 11/3/2019 8:30 AM	00:00:15	71.2	Exceedance Condition Exceedance Condition Resolved
11/3/2019 9:00 AM 11/3/2019 9:30 AM	00:00:30	72.5	Exceedance Condition Exceedance Condition Resolved
11/3/2019 4:00 PM 11/3/2019 4:45 PM	00:00:45	73.3	Exceedance Condition Exceedance Condition Resolved
11/3/2019 5:15 PM 11/3/2019 5:30 PM	00:00:15	71.1	Exceedance Condition Exceedance Condition Resolved
11/3/2019 6:45 PM 11/3/2019 7:00 PM	00:00:15	74.7	Exceedance Condition Exceedance Condition Resolved
11/3/2019 8:30 PM 11/3/2019 9:15 PM	00:00:45	74.1	Exceedance Condition Exceedance Condition Resolved
11/3/2019 10:15 PM 11/3/2019 10:30 PM	00:00:15	73.8	Exceedance Condition Exceedance Condition Resolved
11/3/2019 11:30 PM 11/3/2019 11:45 PM	00:00:15	70.7	Exceedance Condition Exceedance Condition Resolved
11/4/2019 12:30 AM 11/4/2019 12:45 AM	00:00:15	74.3	Exceedance Condition Exceedance Condition Resolved
11/4/2019 1:00 AM 11/5/2019 2:30 AM	01:01:30	86.9	Exceedance Condition Exceedance Condition Resolved
11/5/2019 2:45 AM 11/5/2019 6:30 AM	00:03:45	80.3	Exceedance Condition Exceedance Condition Resolved

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11/5/2019 6:45 AM 11/5/2019 7:00 AM	00:00:15	77.9	Exceedance Condition Exceedance Condition Resolved
11/5/2019 7:15 AM 11/5/2019 10:30 AM	00:03:15	81.7	Exceedance Condition Exceedance Condition Resolved
11/5/2019 10:45 AM 11/5/2019 11:15 AM	00:00:30	80.0	Exceedance Condition Exceedance Condition Resolved
11/5/2019 11:30 AM 11/5/2019 12:30 PM	00:01:00	83.2	Exceedance Condition Exceedance Condition Resolved
11/5/2019 12:45 PM 11/5/2019 2:15 PM	00:01:30	79.4	Exceedance Condition Exceedance Condition Resolved
11/5/2019 2:30 PM 11/5/2019 3:00 PM	00:00:30	78.0	Exceedance Condition Exceedance Condition Resolved
11/5/2019 3:15 PM 11/5/2019 6:45 PM	00:03:30	81.2	Exceedance Condition Exceedance Condition Resolved
11/5/2019 7:15 PM 11/5/2019 7:30 PM	00:00:15	81.6	Exceedance Condition Exceedance Condition Resolved
11/5/2019 8:30 PM 11/5/2019 8:45 PM	00:00:15	73.4	Exceedance Condition Exceedance Condition Resolved
11/5/2019 9:15 PM 11/5/2019 9:45 PM	00:00:30	73.0	Exceedance Condition Exceedance Condition Resolved
11/5/2019 10:30 PM 11/5/2019 11:15 PM	00:00:45	76.8	Exceedance Condition Exceedance Condition Resolved
11/6/2019 12:00 AM 11/6/2019 12:15 AM	00:00:15	72.1	Exceedance Condition Exceedance Condition Resolved
11/6/2019 3:45 AM 11/6/2019 4:00 AM	00:00:15	72.0	Exceedance Condition Exceedance Condition Resolved
11/6/2019 4:30 AM 11/6/2019 4:45 AM	00:00:15	70.3	Exceedance Condition Exceedance Condition Resolved
11/6/2019 5:00 AM 11/6/2019 5:15 AM	00:00:15	73.8	Exceedance Condition Exceedance Condition Resolved
11/6/2019 6:30 AM 11/6/2019 6:45 AM	00:00:15	74.2	Exceedance Condition Exceedance Condition Resolved
11/6/2019 7:00 AM 11/6/2019 7:15 AM	00:00:15	70.8	Exceedance Condition Exceedance Condition Resolved
11/6/2019 11:15 AM 11/6/2019 11:30 AM	00:00:15	70.8	Exceedance Condition Exceedance Condition Resolved
11/6/2019 5:30 PM 11/6/2019 5:45 PM	00:00:15	71.9	Exceedance Condition Exceedance Condition Resolved
11/6/2019 6:15 PM 11/6/2019 6:45 PM	00:00:30	76.5	Exceedance Condition Exceedance Condition Resolved
11/7/2019 1:30 AM 11/7/2019 2:00 AM	00:00:30	73.6	Exceedance Condition Exceedance Condition Resolved

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11/7/2019 2:15 AM 11/7/2019 2:30 AM	00:00:15	78.4	Exceedance Condition Exceedance Condition Resolved
11/7/2019 2:45 AM 11/7/2019 3:15 AM	00:00:30	74.2	Exceedance Condition Exceedance Condition Resolved
11/7/2019 3:45 AM 11/7/2019 4:00 AM	00:00:15	73.4	Exceedance Condition Exceedance Condition Resolved
11/7/2019 4:15 AM 11/7/2019 4:30 AM	00:00:15	74.8	Exceedance Condition Exceedance Condition Resolved
11/7/2019 6:00 AM 11/7/2019 7:45 AM	00:01:45	77.1	Exceedance Condition Exceedance Condition Resolved
11/7/2019 8:45 AM 11/7/2019 9:00 AM	00:00:15	71.1	Exceedance Condition Exceedance Condition Resolved
11/7/2019 9:45 AM 11/7/2019 10:30 AM	00:00:45	78.2	Exceedance Condition Exceedance Condition Resolved
11/7/2019 6:30 PM 11/7/2019 10:45 PM	00:04:15	82.6	Exceedance Condition Exceedance Condition Resolved
11/7/2019 11:30 PM 11/8/2019 12:00 AM	00:00:30	76.6	Exceedance Condition Exceedance Condition Resolved
11/8/2019 12:30 AM 11/8/2019 12:30 PM	00:12:00	97.8	Exceedance Condition Exceedance Condition Resolved
11/8/2019 1:00 PM 11/8/2019 1:15 PM	00:00:15	76.2	Exceedance Condition Exceedance Condition Resolved
11/8/2019 1:30 PM 11/13/2019 11:30 AM	04:22:00	110.3	Exceedance Condition Exceedance Condition Resolved
11/13/2019 12:00 PM 11/18/2019 3:15 AM	04:15:15	112.7	Exceedance Condition Exceedance Condition Resolved
11/18/2019 12:15 PM 11/30/2019 1:30 AM	11:13:15	152.0	Exceedance Condition Exceedance Condition Resolved
11/30/2019 1:45 AM 11/30/2019 3:15 AM	00:01:30	92.3	Exceedance Condition Exceedance Condition Resolved
11/30/2019 3:30 AM 11/30/2019 4:00 AM	00:00:30	88.5	Exceedance Condition Exceedance Condition Resolved
11/30/2019 4:15 AM 12/1/2019 2:00 PM	01:09:45	115.3	Exceedance Condition Exceedance Condition Resolved
12/2/2019 12:45 AM 12/2/2019 7:30 AM	00:06:45	131.8	Exceedance Condition Exceedance Condition Resolved
12/4/2019 12:45 AM 12/4/2019 2:15 PM	00:13:30	138.9	Exceedance Condition Exceedance Condition Resolved
12/4/2019 2:45 PM 12/7/2019 9:45 AM	02:19:00	135.0	Exceedance Condition Exceedance Condition Resolved
12/7/2019 12:15 PM 12/7/2019 12:30 PM	00:00:15	70.2	Exceedance Condition Exceedance Condition Resolved

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12/8/2019 1:30 PM 12/8/2019 2:45 PM	00:01:15	75.4	Exceedance Condition Exceedance Condition Resolved
12/8/2019 9:30 PM 12/8/2019 10:45 PM	00:01:15	75.9	Exceedance Condition Exceedance Condition Resolved
12/8/2019 11:15 PM 12/9/2019 12:15 AM	00:01:00	79.1	Exceedance Condition Exceedance Condition Resolved
12/9/2019 12:45 AM 12/9/2019 1:30 AM	00:00:45	73.3	Exceedance Condition Exceedance Condition Resolved
12/9/2019 2:30 AM 12/9/2019 3:45 AM	00:01:15	74.6	Exceedance Condition Exceedance Condition Resolved
12/9/2019 4:00 AM 12/9/2019 4:45 AM	00:00:45	72.7	Exceedance Condition Exceedance Condition Resolved
12/9/2019 5:15 AM 12/9/2019 5:30 AM	00:00:15	70.9	Exceedance Condition Exceedance Condition Resolved
12/9/2019 6:30 AM 12/9/2019 6:45 AM	00:00:15	70.6	Exceedance Condition Exceedance Condition Resolved
12/9/2019 7:00 AM 12/9/2019 7:15 AM	00:00:15	71.4	Exceedance Condition Exceedance Condition Resolved
12/9/2019 8:00 AM 12/9/2019 8:30 AM	00:00:30	72.2	Exceedance Condition Exceedance Condition Resolved
12/9/2019 10:15 AM 12/9/2019 10:45 AM	00:00:30	75.5	Exceedance Condition Exceedance Condition Resolved
12/9/2019 11:00 AM 12/9/2019 11:15 AM	00:00:15	73.7	Exceedance Condition Exceedance Condition Resolved
12/9/2019 12:45 PM 12/9/2019 1:00 PM	00:00:15	71.1	Exceedance Condition Exceedance Condition Resolved
12/9/2019 1:45 PM 12/9/2019 2:00 PM	00:00:15	76.6	Exceedance Condition Exceedance Condition Resolved
12/9/2019 2:30 PM 12/9/2019 3:00 PM	00:00:30	72.5	Exceedance Condition Exceedance Condition Resolved
12/9/2019 3:15 PM 12/9/2019 3:30 PM	00:00:15	71.4	Exceedance Condition Exceedance Condition Resolved
12/9/2019 3:45 PM 12/9/2019 5:30 PM	00:01:45	74.0	Exceedance Condition Exceedance Condition Resolved
12/9/2019 7:15 PM 12/9/2019 7:30 PM	00:00:15	72.1	Exceedance Condition Exceedance Condition Resolved
12/9/2019 9:45 PM 12/9/2019 10:00 PM	00:00:15	72.0	Exceedance Condition Exceedance Condition Resolved
12/9/2019 10:15 PM 12/9/2019 10:30 PM	00:00:15	71.9	Exceedance Condition Exceedance Condition Resolved
12/10/2019 12:00 AM 12/10/2019 3:00 AM	00:03:00	74.2	Exceedance Condition Exceedance Condition Resolved

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12/10/2019 9:00 AM 12/10/2019 9:30 AM	00:00:30	72.6	Exceedance Condition Exceedance Condition Resolved
12/10/2019 10:00 AM 12/10/2019 10:30 AM	00:00:30	73.5	Exceedance Condition Exceedance Condition Resolved
12/10/2019 1:00 PM 12/10/2019 2:30 PM	00:01:30	74.5	Exceedance Condition Exceedance Condition Resolved
12/10/2019 5:30 PM 12/10/2019 5:45 PM	00:00:15	70.8	Exceedance Condition Exceedance Condition Resolved
12/10/2019 9:45 PM 12/10/2019 10:00 PM	00:00:15	71.2	Exceedance Condition Exceedance Condition Resolved
12/11/2019 12:15 AM 12/11/2019 12:30 AM	00:00:15	72.6	Exceedance Condition Exceedance Condition Resolved
12/11/2019 3:15 AM 12/11/2019 3:30 AM	00:00:15	76.5	Exceedance Condition Exceedance Condition Resolved
12/11/2019 5:45 AM 12/11/2019 6:30 AM	00:00:45	72.4	Exceedance Condition Exceedance Condition Resolved
12/11/2019 9:30 AM 12/11/2019 10:00 AM	00:00:30	73.1	Exceedance Condition Exceedance Condition Resolved
12/11/2019 10:15 AM 12/11/2019 10:45 AM	00:00:30	71.1	Exceedance Condition Exceedance Condition Resolved
12/11/2019 2:15 PM 12/11/2019 2:30 PM	00:00:15	72.9	Exceedance Condition Exceedance Condition Resolved
12/11/2019 3:15 PM 12/11/2019 3:45 PM	00:00:30	72.6	Exceedance Condition Exceedance Condition Resolved
12/11/2019 4:00 PM 12/11/2019 4:15 PM	00:00:15	74.6	Exceedance Condition Exceedance Condition Resolved
12/11/2019 5:30 PM 12/11/2019 6:00 PM	00:00:30	71.3	Exceedance Condition Exceedance Condition Resolved
12/11/2019 6:15 PM 12/11/2019 6:30 PM	00:00:15	72.1	Exceedance Condition Exceedance Condition Resolved
12/11/2019 6:45 PM 12/11/2019 7:45 PM	00:01:00	72.2	Exceedance Condition Exceedance Condition Resolved
12/11/2019 11:30 PM 12/12/2019 12:30 AM	00:01:00	73.0	Exceedance Condition Exceedance Condition Resolved
12/12/2019 1:00 AM 12/12/2019 1:30 AM	00:00:30	71.1	Exceedance Condition Exceedance Condition Resolved
12/12/2019 7:15 AM 12/12/2019 7:30 AM	00:00:15	71.7	Exceedance Condition Exceedance Condition Resolved
12/12/2019 7:45 AM 12/12/2019 8:15 AM	00:00:30	73.8	Exceedance Condition Exceedance Condition Resolved
12/12/2019 9:00 AM 12/12/2019 9:15 AM	00:00:15	71.6	Exceedance Condition Exceedance Condition Resolved

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12/12/2019 12:00 PM 12/12/2019 12:15 PM	00:00:15	70.1	Exceedance Condition Exceedance Condition Resolved
12/12/2019 3:45 PM 12/12/2019 4:00 PM	00:00:15	75.8	Exceedance Condition Exceedance Condition Resolved
12/12/2019 10:30 PM 12/12/2019 10:45 PM	00:00:15	72.1	Exceedance Condition Exceedance Condition Resolved
12/13/2019 2:00 AM 12/13/2019 2:15 AM	00:00:15	71.6	Exceedance Condition Exceedance Condition Resolved
12/13/2019 2:30 AM 12/13/2019 2:45 AM	00:00:15	70.5	Exceedance Condition Exceedance Condition Resolved
12/13/2019 11:00 AM 12/13/2019 9:45 PM	00:10:45	125.2	Exceedance Condition Exceedance Condition Resolved
12/14/2019 4:00 PM 12/14/2019 4:15 PM	00:00:15	71.9	Exceedance Condition Exceedance Condition Resolved
12/14/2019 5:45 PM 12/14/2019 6:00 PM	00:00:15	80.6	Exceedance Condition Exceedance Condition Resolved
12/14/2019 6:45 PM 12/14/2019 7:00 PM	00:00:15	75.9	Exceedance Condition Exceedance Condition Resolved
12/14/2019 7:30 PM 12/14/2019 7:45 PM	00:00:15	82.0	Exceedance Condition Exceedance Condition Resolved
12/15/2019 12:45 PM 12/15/2019 1:00 PM	00:00:15	75.1	Exceedance Condition Exceedance Condition Resolved
12/15/2019 1:30 PM 12/15/2019 1:45 PM	00:00:15	73.1	Exceedance Condition Exceedance Condition Resolved
12/15/2019 2:30 PM 12/15/2019 2:45 PM	00:00:15	76.3	Exceedance Condition Exceedance Condition Resolved
12/15/2019 3:15 PM 12/15/2019 3:30 PM	00:00:15	75.8	Exceedance Condition Exceedance Condition Resolved
12/15/2019 5:00 PM 12/16/2019 12:45 AM	00:07:45	100.0	Exceedance Condition Exceedance Condition Resolved
12/16/2019 1:00 AM 12/16/2019 4:15 AM	00:03:15	85.4	Exceedance Condition Exceedance Condition Resolved
12/16/2019 5:45 AM 12/16/2019 6:15 AM	00:00:30	91.8	Exceedance Condition Exceedance Condition Resolved
12/16/2019 6:30 AM 12/16/2019 6:45 AM	00:00:15	78.6	Exceedance Condition Exceedance Condition Resolved
12/17/2019 1:00 AM 12/17/2019 1:15 AM	00:00:15	89.3	Exceedance Condition Exceedance Condition Resolved
12/17/2019 2:15 AM 12/17/2019 2:45 AM	00:00:30	87.8	Exceedance Condition Exceedance Condition Resolved
12/17/2019 3:00 AM 12/17/2019 3:30 AM	00:00:30	104.4	Exceedance Condition Exceedance Condition Resolved

Orion Ivanhoe Plant
7095 Highway 83, Franklin, LA, 70538, USA

12/17/2019 4:15 AM 12/17/2019 4:30 AM	00:00:15	75.5	Exceedance Condition Exceedance Condition Resolved
12/17/2019 5:45 AM 12/17/2019 8:15 PM	00:14:30	111.4	Exceedance Condition Exceedance Condition Resolved
12/17/2019 8:30 PM 12/17/2019 9:00 PM	00:00:30	73.6	Exceedance Condition Exceedance Condition Resolved
12/17/2019 9:30 PM 12/18/2019 2:45 AM	00:05:15	82.4	Exceedance Condition Exceedance Condition Resolved
12/18/2019 4:30 AM 12/18/2019 7:00 AM	00:02:30	79.5	Exceedance Condition Exceedance Condition Resolved
12/18/2019 7:30 AM 12/18/2019 8:00 AM	00:00:30	78.5	Exceedance Condition Exceedance Condition Resolved
12/18/2019 8:30 AM 12/18/2019 8:45 AM	00:00:15	88.5	Exceedance Condition Exceedance Condition Resolved
12/18/2019 9:00 AM 12/18/2019 9:15 AM	00:00:15	80.5	Exceedance Condition Exceedance Condition Resolved
12/18/2019 9:30 AM 12/18/2019 11:30 AM	00:02:00	81.9	Exceedance Condition Exceedance Condition Resolved
12/18/2019 12:00 PM 12/18/2019 12:30 PM	00:00:30	82.5	Exceedance Condition Exceedance Condition Resolved
12/18/2019 2:45 PM 12/19/2019 4:30 AM	00:13:45	123.5	Exceedance Condition Exceedance Condition Resolved
12/20/2019 12:45 AM 1/1/2020 12:00 AM	11:23:15	127.2	Exceedance Condition Exceedance Condition Resolved
Total:	53:00:30	Total number of Events: 168	