



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói làm nguội

Thời gian báo cáo: Từ: 20/04/2023

Tới: 20/04/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
20/04/2023 00:00:00	0.69	24,335.09	28.03	99.10
20/04/2023 00:05:00	0.69	24,097.05	28.05	99.08
20/04/2023 00:10:00	0.53	23,614.86	27.12	99.11
20/04/2023 00:15:00	0.65	0.00	27.75	99.10
20/04/2023 00:20:00	0.53	23,981.08	27.75	99.09
20/04/2023 00:25:00	0.63	24,335.09	27.12	99.07
20/04/2023 00:30:00	0.50	24,707.41	27.10	99.09
20/04/2023 00:35:00	0.43	24,353.40	26.99	99.07
20/04/2023 00:40:00	0.63	24,225.22	27.47	99.07
20/04/2023 00:45:00	0.43	23,981.08	27.29	99.05
20/04/2023 00:50:00	0.60	23,962.77	27.73	99.07
20/04/2023 00:55:00	0.81	24,353.40	27.45	99.04
20/04/2023 01:00:00	0.76	23,260.85	27.29	99.06
20/04/2023 01:05:00	0.63	24,444.95	27.75	99.05
20/04/2023 01:10:00	0.55	24,005.49	27.61	99.04
20/04/2023 01:15:00	0.46	24,316.78	27.43	99.03
20/04/2023 01:20:00	0.50	24,560.92	27.10	99.03
20/04/2023 01:25:00	0.53	24,335.09	26.83	99.04
20/04/2023 01:30:00	0.60	24,225.22	27.27	99.04
20/04/2023 01:35:00	0.63	24,225.22	27.29	99.04
20/04/2023 01:40:00	0.65	0.00	27.43	99.04
20/04/2023 01:45:00	0.65	23,981.08	27.29	99.04
20/04/2023 01:50:00	0.48	23,370.72	27.01	99.03
20/04/2023 01:55:00	0.60	23,486.69	27.15	99.03
20/04/2023 02:00:00	0.55	0.00	27.15	99.03
20/04/2023 02:05:00	0.55	23,407.34	27.31	99.04
20/04/2023 02:10:00	0.53	24,115.36	27.01	99.03
20/04/2023 02:15:00	0.48	23,981.08	27.31	99.01
20/04/2023 02:20:00	0.46	23,724.73	26.67	99.00
20/04/2023 02:25:00	0.43	23,242.54	27.01	99.01
20/04/2023 02:30:00	0.46	23,242.54	26.69	99.00
20/04/2023 02:35:00	0.48	23,981.08	26.55	99.01
20/04/2023 02:40:00	0.53	23,505.00	26.55	98.99
20/04/2023 02:45:00	0.50	24,115.36	26.89	98.99
20/04/2023 02:50:00	0.43	23,633.17	26.52	98.98
20/04/2023 02:55:00	0.48	24,579.23	26.85	99.00
20/04/2023 03:00:00	0.46	24,353.40	26.99	98.99
20/04/2023 03:05:00	0.50	23,743.04	26.41	99.00
20/04/2023 03:10:00	0.43	23,981.08	27.01	98.98

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
20/04/2023 03:15:00	0.46	24,225.22	27.01	98.98
20/04/2023 03:20:00	0.48	23,260.85	27.15	99.00
20/04/2023 03:25:00	0.55	0.00	26.69	98.99
20/04/2023 03:30:00	0.55	23,505.00	27.01	99.01
20/04/2023 03:35:00	0.53	23,150.99	27.15	98.99
20/04/2023 03:40:00	0.53	22,186.62	27.15	98.99
20/04/2023 03:45:00	0.53	0.00	26.38	99.00
20/04/2023 03:50:00	0.46	23,889.52	26.55	99.01
20/04/2023 03:55:00	0.48	22,412.45	26.99	99.01
20/04/2023 04:00:00	0.53	24,225.22	27.15	99.00
20/04/2023 04:05:00	0.48	23,486.69	26.85	99.01
20/04/2023 04:10:00	0.50	23,132.68	26.85	99.01
20/04/2023 04:15:00	0.50	23,596.55	26.36	98.98
20/04/2023 04:20:00	0.55	23,004.50	26.85	98.99
20/04/2023 04:25:00	0.67	23,004.50	26.52	98.99
20/04/2023 04:30:00	0.60	23,614.86	26.83	99.02
20/04/2023 04:35:00	0.57	23,743.04	27.01	99.00
20/04/2023 04:40:00	0.60	22,778.67	26.38	99.00
20/04/2023 04:45:00	0.57	23,004.50	26.83	99.01
20/04/2023 04:50:00	0.60	22,577.25	26.06	99.01
20/04/2023 04:55:00	0.57	23,132.68	26.22	99.02
20/04/2023 05:00:00	0.85	23,389.03	26.69	99.04
20/04/2023 05:05:00	0.83	23,651.48	26.09	99.04
20/04/2023 05:10:00	0.60	0.00	26.55	99.04
20/04/2023 05:15:00	0.63	22,668.80	25.95	99.05
20/04/2023 05:20:00	0.53	23,871.21	25.93	99.06
20/04/2023 05:25:00	0.72	23,852.90	26.69	99.04
20/04/2023 05:30:00	0.57	0.00	26.22	99.04
20/04/2023 05:35:00	0.55	23,352.41	26.69	99.08
20/04/2023 05:40:00	0.67	23,370.72	25.95	99.09
20/04/2023 05:45:00	0.65	23,889.52	26.09	99.09
20/04/2023 05:50:00	0.63	23,389.03	26.25	99.11
20/04/2023 05:55:00	0.63	24,115.36	26.55	99.12
20/04/2023 06:00:00	0.50	24,463.26	26.41	99.11
20/04/2023 06:05:00	0.63	24,725.72	26.22	99.13
20/04/2023 06:10:00	0.63	24,597.54	25.78	99.13
20/04/2023 06:15:00	0.65	24,133.67	26.22	99.14
20/04/2023 06:20:00	0.57	24,335.09	26.69	99.13
20/04/2023 06:25:00	0.43	24,243.53	26.71	99.13
20/04/2023 06:30:00	0.83	23,852.90	25.93	99.14
20/04/2023 06:35:00	0.53	23,871.21	26.69	99.15
20/04/2023 06:40:00	0.67	24,243.53	25.93	99.15
20/04/2023 06:45:00	0.60	24,335.09	26.09	99.15
20/04/2023 06:50:00	0.65	23,981.08	26.06	99.17
20/04/2023 06:55:00	0.60	0.00	26.71	99.16
20/04/2023 07:00:00	0.55	24,225.22	26.69	99.17
20/04/2023 07:05:00	0.67	24,225.22	26.36	99.18
20/04/2023 07:10:00	0.53	24,463.26	26.85	99.18
20/04/2023 07:15:00	0.57	0.00	26.36	99.18
20/04/2023 07:20:00	0.60	24,243.53	26.22	99.18
20/04/2023 07:25:00	0.53	24,707.41	26.69	99.21
20/04/2023 07:30:00	0.50	24,945.45	26.99	99.22
20/04/2023 07:35:00	0.48	24,945.45	26.83	99.22

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
20/04/2023 07:40:00	0.41	25,574.12	26.69	99.22
20/04/2023 07:45:00	0.46	25,574.12	26.83	99.22
20/04/2023 07:50:00	0.55	25,427.63	27.24	99.24
20/04/2023 07:55:00	0.43	25,336.08	26.83	99.24
20/04/2023 08:00:00	0.53	25,464.26	27.29	99.24
20/04/2023 08:05:00	0.46	25,299.46	26.69	99.26
20/04/2023 08:10:00	0.55	25,799.95	26.80	99.24
20/04/2023 08:15:00	0.48	26,282.14	27.10	99.24
20/04/2023 08:20:00	0.50	26,153.96	27.59	99.26
20/04/2023 08:25:00	0.55	26,056.31	27.47	99.26
20/04/2023 08:30:00	0.55	25,799.95	27.73	99.25
20/04/2023 08:35:00	0.69	26,037.99	27.43	99.29
20/04/2023 08:40:00	0.53	0.00	27.47	99.28
20/04/2023 08:45:00	0.50	25,574.12	27.27	99.24
20/04/2023 08:50:00	0.46	25,928.13	27.59	99.26
20/04/2023 08:55:00	0.46	26,410.32	27.75	99.27
20/04/2023 09:00:00	0.41	0.00	27.75	99.25
20/04/2023 09:05:00	0.39	26,037.99	27.29	99.27
20/04/2023 09:10:00	0.53	26,056.31	27.43	99.27
20/04/2023 09:15:00	0.50	26,282.14	27.29	99.28
20/04/2023 09:20:00	0.57	25,928.13	27.57	99.28
20/04/2023 09:25:00	0.53	26,520.18	28.01	99.28
20/04/2023 09:30:00	0.46	26,263.83	28.03	99.29
20/04/2023 09:35:00	0.55	26,556.80	27.59	99.28
20/04/2023 09:40:00	0.55	26,520.18	27.57	99.28
20/04/2023 09:45:00	0.74	26,520.18	28.33	99.30
20/04/2023 09:50:00	0.88	26,984.05	28.49	99.27
20/04/2023 09:55:00	0.88	26,392.00	27.73	99.27
20/04/2023 10:00:00	0.88	26,746.01	28.17	99.30
20/04/2023 10:05:00	1.20	27,148.85	28.82	99.29
20/04/2023 10:10:00	1.08	27,020.68	28.66	99.29
20/04/2023 10:15:00	1.01	27,130.54	28.63	99.28
20/04/2023 10:20:00	1.11	27,838.56	28.93	99.27
20/04/2023 10:25:00	1.17	0.00	28.33	99.27
20/04/2023 10:30:00	1.34	27,228.20	28.33	99.27
20/04/2023 10:35:00	1.25	27,246.51	28.79	99.26
20/04/2023 10:40:00	1.39	28,094.91	29.09	99.26
20/04/2023 10:45:00	1.50	0.00	28.61	99.24
20/04/2023 10:50:00	1.37	28,320.74	28.91	99.24
20/04/2023 10:55:00	1.15	28,558.79	28.77	99.24
20/04/2023 11:00:00	1.23	27,966.74	28.63	99.22
20/04/2023 11:05:00	1.08	28,076.60	28.95	99.22
20/04/2023 11:10:00	1.08	28,448.92	29.09	99.18
20/04/2023 11:15:00	0.99	28,577.10	28.77	99.18
20/04/2023 11:20:00	0.95	28,076.60	29.51	99.18
20/04/2023 11:25:00	1.01	28,339.06	29.56	99.19
20/04/2023 11:30:00	1.20	28,204.78	29.23	99.18
20/04/2023 11:35:00	1.01	28,949.42	29.07	99.18
20/04/2023 11:40:00	1.17	28,204.78	28.93	99.15
20/04/2023 11:45:00	0.83	28,949.42	28.91	99.13
20/04/2023 11:50:00	0.69	28,558.79	29.53	99.14
20/04/2023 11:55:00	0.79	27,747.01	28.93	99.13
20/04/2023 12:00:00	0.83	28,076.60	29.69	99.13

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
20/04/2023 12:05:00	1.04	27,985.05	29.85	99.13
20/04/2023 12:10:00	0.90	0.00	30.00	99.10
20/04/2023 12:15:00	1.17	28,986.04	29.21	99.11
20/04/2023 12:20:00	1.13	28,802.93	29.98	99.09
20/04/2023 12:25:00	1.39	28,802.93	30.11	99.09
20/04/2023 12:30:00	1.41	0.00	29.83	99.08
20/04/2023 12:35:00	1.55	29,187.46	29.37	99.08
20/04/2023 12:40:00	1.53	28,912.79	30.27	99.06
20/04/2023 12:45:00	1.39	29,449.91	29.37	99.04
20/04/2023 12:50:00	1.69	28,821.24	30.43	99.05
20/04/2023 12:55:00	1.62	29,431.60	29.98	99.02
20/04/2023 13:00:00	1.48	29,059.28	29.69	99.04
20/04/2023 13:05:00	1.85	29,578.09	30.16	99.01
20/04/2023 13:10:00	1.73	29,059.28	30.16	99.00
20/04/2023 13:15:00	1.59	29,187.46	30.59	98.98
20/04/2023 13:20:00	1.69	29,449.91	30.00	98.98
20/04/2023 13:25:00	1.48	29,816.13	29.98	98.95
20/04/2023 13:30:00	1.41	29,187.46	30.11	98.96
20/04/2023 13:35:00	1.32	29,279.01	30.88	98.94
20/04/2023 13:40:00	1.32	29,797.82	30.11	98.92
20/04/2023 13:45:00	1.32	29,913.79	30.14	98.90
20/04/2023 13:50:00	1.48	29,559.78	30.90	98.90
20/04/2023 13:55:00	1.37	0.00	30.14	98.91
20/04/2023 14:00:00	1.27	29,779.51	31.04	98.89
20/04/2023 14:05:00	1.32	30,151.83	30.74	98.88
20/04/2023 14:10:00	1.37	29,913.79	31.04	98.87
20/04/2023 14:15:00	1.27	0.00	30.59	98.87
20/04/2023 14:20:00	1.43	29,779.51	30.57	98.86
20/04/2023 14:25:00	1.66	29,797.82	30.76	98.85
20/04/2023 14:30:00	1.62	30,243.38	31.01	98.84
20/04/2023 14:35:00	1.64	29,541.47	31.34	98.84
20/04/2023 14:40:00	1.59	30,280.00	30.88	98.84
20/04/2023 14:45:00	1.62	30,078.58	31.04	98.82
20/04/2023 14:50:00	1.66	29,779.51	31.34	98.81
20/04/2023 14:55:00	1.43	30,261.69	30.90	98.79
20/04/2023 15:00:00	1.59	29,913.79	31.04	98.80
20/04/2023 15:05:00	1.69	30,170.14	31.50	98.79
20/04/2023 15:10:00	1.88	30,890.36	31.53	98.78
20/04/2023 15:15:00	1.59	30,151.83	31.66	98.78
20/04/2023 15:20:00	1.43	30,023.65	31.20	98.78
20/04/2023 15:25:00	1.73	30,170.14	31.34	98.78
20/04/2023 15:30:00	1.32	30,389.87	31.66	98.76
20/04/2023 15:35:00	1.53	30,041.96	31.22	98.78
20/04/2023 15:40:00	1.71	0.00	31.50	98.76
20/04/2023 15:45:00	1.62	29,797.82	31.08	98.78
20/04/2023 15:50:00	1.59	30,170.14	31.04	98.79
20/04/2023 15:55:00	1.64	30,280.00	31.66	98.78
20/04/2023 16:00:00	1.71	0.00	31.36	98.79
20/04/2023 16:05:00	1.75	31,390.86	31.50	98.78
20/04/2023 16:10:00	1.55	30,725.57	31.34	98.78
20/04/2023 16:15:00	1.62	31,024.64	31.66	98.79
20/04/2023 16:20:00	1.34	30,872.05	31.20	98.76
20/04/2023 16:25:00	1.41	29,932.10	31.82	98.76

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
20/04/2023 16:30:00	1.32	29,779.51	31.80	98.76
20/04/2023 16:35:00	1.48	29,779.51	31.66	98.76
20/04/2023 16:40:00	1.17	30,389.87	31.64	98.75
20/04/2023 16:45:00	1.43	29,431.60	31.94	98.77
20/04/2023 16:50:00	1.17	30,280.00	31.34	98.76
20/04/2023 16:55:00	0.79	29,541.47	31.53	98.77
20/04/2023 17:00:00	0.88	29,779.51	31.80	98.76
20/04/2023 17:05:00	0.85	29,059.28	31.36	98.75
20/04/2023 17:10:00	0.92	29,059.28	31.36	98.76
20/04/2023 17:15:00	0.74	29,431.60	31.06	98.75
20/04/2023 17:20:00	0.79	29,797.82	31.39	98.75
20/04/2023 17:25:00	0.85	0.00	31.20	98.75
20/04/2023 17:30:00	0.85	29,315.63	31.22	98.75
20/04/2023 17:35:00	0.85	29,169.15	31.08	98.74
20/04/2023 17:40:00	0.79	29,205.77	31.22	98.76
20/04/2023 17:45:00	0.90	0.00	30.76	98.75
20/04/2023 17:50:00	0.83	29,077.59	30.46	98.75
20/04/2023 17:55:00	0.97	29,059.28	30.46	98.75
20/04/2023 18:00:00	0.85	28,705.27	31.22	98.77
20/04/2023 18:05:00	1.04	28,357.37	30.62	98.76
20/04/2023 18:10:00	0.97	28,949.42	30.65	98.78
20/04/2023 18:15:00	1.04	27,985.05	30.50	98.78
20/04/2023 18:20:00	1.01	28,467.23	30.76	98.78
20/04/2023 18:25:00	1.20	27,985.05	30.92	98.79
20/04/2023 18:30:00	1.04	27,985.05	30.62	98.78
20/04/2023 18:35:00	0.90	27,765.32	30.62	98.78
20/04/2023 18:40:00	1.06	27,985.05	30.14	98.78
20/04/2023 18:45:00	1.15	27,502.86	30.79	98.80
20/04/2023 18:50:00	1.17	27,985.05	30.65	98.79
20/04/2023 18:55:00	1.06	28,113.22	30.34	98.79
20/04/2023 19:00:00	1.37	27,747.01	30.62	98.81
20/04/2023 19:05:00	1.08	27,020.68	30.65	98.81
20/04/2023 19:10:00	1.27	0.00	29.83	98.83
20/04/2023 19:15:00	1.08	27,002.37	30.02	98.84
20/04/2023 19:20:00	1.23	26,782.64	30.48	98.85
20/04/2023 19:25:00	1.20	26,892.50	29.53	98.86
20/04/2023 19:30:00	1.17	0.00	29.58	98.84
20/04/2023 19:35:00	1.13	27,612.73	30.02	98.86
20/04/2023 19:40:00	1.08	26,282.14	29.58	98.84
20/04/2023 19:45:00	1.20	26,764.32	29.56	98.86
20/04/2023 19:50:00	1.27	26,782.64	29.44	98.87
20/04/2023 19:55:00	1.32	27,002.37	29.83	98.86
20/04/2023 20:00:00	1.34	26,037.99	29.85	98.87
20/04/2023 20:05:00	1.13	26,135.65	29.85	98.86
20/04/2023 20:10:00	1.17	26,874.19	29.11	98.88
20/04/2023 20:15:00	1.04	26,056.31	29.42	98.91
20/04/2023 20:20:00	1.11	26,446.94	29.72	98.91
20/04/2023 20:25:00	1.04	26,282.14	29.28	98.94
20/04/2023 20:30:00	1.27	25,799.95	29.42	98.92
20/04/2023 20:35:00	1.13	26,410.32	29.56	98.94
20/04/2023 20:40:00	1.17	26,282.14	29.26	98.95
20/04/2023 20:45:00	1.04	26,282.14	29.56	98.95
20/04/2023 20:50:00	1.11	26,410.32	29.40	98.98

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
20/04/2023 20:55:00	1.17	0.00	28.79	98.98
20/04/2023 21:00:00	1.13	25,671.78	29.58	99.00
20/04/2023 21:05:00	1.08	26,648.36	29.11	99.00
20/04/2023 21:10:00	0.90	26,410.32	28.98	98.99
20/04/2023 21:15:00	0.83	0.00	29.26	99.03
20/04/2023 21:20:00	1.08	26,392.00	29.23	99.02
20/04/2023 21:25:00	1.30	26,056.31	28.79	99.02
20/04/2023 21:30:00	0.97	26,282.14	28.93	99.03
20/04/2023 21:35:00	0.88	26,538.49	28.66	99.03
20/04/2023 21:40:00	0.92	25,671.78	28.66	99.04
20/04/2023 21:45:00	0.99	26,282.14	28.77	99.03
20/04/2023 21:50:00	0.99	26,153.96	29.26	99.03
20/04/2023 21:55:00	0.90	26,520.18	28.51	99.04
20/04/2023 22:00:00	0.83	25,799.95	29.26	99.04
20/04/2023 22:05:00	1.04	25,781.64	28.98	99.03
20/04/2023 22:10:00	0.97	26,672.77	28.35	99.03
20/04/2023 22:15:00	1.11	26,538.49	28.33	99.04
20/04/2023 22:20:00	0.88	25,427.63	28.79	99.03
20/04/2023 22:25:00	0.88	25,555.81	28.35	99.03
20/04/2023 22:30:00	0.92	25,799.95	28.17	99.02
20/04/2023 22:35:00	0.97	26,172.27	28.33	99.04
20/04/2023 22:40:00	0.85	0.00	28.95	99.05
20/04/2023 22:45:00	0.92	26,153.96	28.44	99.04
20/04/2023 22:50:00	0.88	25,928.13	28.31	99.06
20/04/2023 22:55:00	1.04	26,153.96	28.19	99.06
20/04/2023 23:00:00	0.92	0.00	28.19	99.04
20/04/2023 23:05:00	0.95	26,392.00	28.66	99.05
20/04/2023 23:10:00	0.92	26,172.27	28.51	99.04
20/04/2023 23:15:00	0.85	26,501.87	28.63	99.04
20/04/2023 23:20:00	0.90	25,909.82	28.03	99.04
20/04/2023 23:25:00	1.01	26,282.14	28.79	99.04
20/04/2023 23:30:00	0.85	25,427.63	28.33	99.04
20/04/2023 23:35:00	1.04	25,799.95	28.03	99.04
20/04/2023 23:40:00	0.95	25,537.50	28.47	99.04
20/04/2023 23:45:00	1.01	26,135.65	28.79	99.04
20/04/2023 23:50:00	1.01	25,799.95	28.35	99.03
20/04/2023 23:55:00	0.88	25,671.78	27.89	99.03