



## 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: 16/04/2023

Tới: 16/04/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm <sup>3</sup>	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
16/04/2023 00:00:00	0.09	0.00	24.74	99.92
16/04/2023 00:05:00	0.16	19,372.85	24.41	99.93
16/04/2023 00:10:00	0.23	19,763.49	24.32	99.93
16/04/2023 00:15:00	0.30	20,001.53	24.63	99.92
16/04/2023 00:20:00	0.32	19,647.52	24.77	99.93
16/04/2023 00:25:00	0.25	19,763.49	24.14	99.92
16/04/2023 00:30:00	0.27	19,781.80	24.90	99.90
16/04/2023 00:35:00	0.25	19,891.66	24.28	99.90
16/04/2023 00:40:00	0.23	19,745.17	24.12	99.88
16/04/2023 00:45:00	0.21	19,262.99	24.74	99.88
16/04/2023 00:50:00	0.23	19,629.21	24.63	99.90
16/04/2023 00:55:00	0.14	20,239.57	24.28	99.89
16/04/2023 01:00:00	0.27	20,001.53	23.87	99.86
16/04/2023 01:05:00	0.50	21,203.94	24.41	99.85
16/04/2023 01:10:00	0.23	20,056.46	24.30	99.85
16/04/2023 01:15:00	0.41	19,391.17	23.98	99.87
16/04/2023 01:20:00	0.41	21,814.30	23.84	99.85
16/04/2023 01:25:00	0.34	0.00	24.25	99.84
16/04/2023 01:30:00	0.63	19,745.17	23.98	99.84
16/04/2023 01:35:00	0.21	19,763.49	23.84	99.84
16/04/2023 01:40:00	0.18	19,983.22	23.54	99.83
16/04/2023 01:45:00	0.18	0.00	23.54	99.82
16/04/2023 01:50:00	0.27	20,001.53	23.82	99.83
16/04/2023 01:55:00	0.18	20,111.39	23.24	99.81
16/04/2023 02:00:00	0.34	19,519.34	24.14	99.82
16/04/2023 02:05:00	0.46	19,519.34	24.16	99.81
16/04/2023 02:10:00	0.16	19,964.90	23.98	99.81
16/04/2023 02:15:00	0.16	20,593.58	23.54	99.75
16/04/2023 02:20:00	0.14	19,610.89	23.91	99.77

	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
16/04/2023 00:00:00	0.09	0.00	24.74	99.92
16/04/2023 00:05:00	0.16	19,372.85	24.41	99.93
16/04/2023 02:25:00	0.21	20,221.26	23.96	99.75
16/04/2023 02:30:00	0.14	20,373.85	23.22	99.74
16/04/2023 02:35:00	0.27	19,745.17	23.84	99.76
16/04/2023 02:40:00	0.32	19,983.22	23.79	99.75
16/04/2023 02:45:00	0.32	19,372.85	23.82	99.77
16/04/2023 02:50:00	0.21	19,372.85	23.22	99.77
16/04/2023 02:55:00	0.14	19,262.99	23.40	99.75
16/04/2023 03:00:00	0.11	20,001.53	23.67	99.75
16/04/2023 03:05:00	0.30	19,629.21	23.07	99.75
16/04/2023 03:10:00	0.27	0.00	23.38	99.76
16/04/2023 03:15:00	0.43	20,239.57	23.24	99.76
16/04/2023 03:20:00	0.46	20,611.89	23.67	99.77
16/04/2023 03:25:00	0.18	19,763.49	23.07	99.77
16/04/2023 03:30:00	0.21	0.00	23.09	99.79
16/04/2023 03:35:00	0.27	21,222.25	22.96	99.77
16/04/2023 03:40:00	0.27	20,740.06	23.56	99.79
16/04/2023 03:45:00	0.14	20,373.85	23.67	99.79
16/04/2023 03:50:00	0.25	21,002.52	22.93	99.81
16/04/2023 03:55:00	0.34	20,984.21	23.56	99.81
16/04/2023 04:00:00	0.09	20,630.20	22.93	99.80
16/04/2023 04:05:00	0.23	20,129.70	23.40	99.82
16/04/2023 04:10:00	0.25	20,611.89	22.80	99.81
16/04/2023 04:15:00	0.09	20,001.53	22.93	99.81
16/04/2023 04:20:00	0.11	20,019.84	23.26	99.83
16/04/2023 04:25:00	0.07	20,355.54	23.40	99.84
16/04/2023 04:30:00	0.18	20,019.84	22.61	99.85
16/04/2023 04:35:00	0.18	20,502.02	23.40	99.85
16/04/2023 04:40:00	0.34	20,373.85	23.24	99.84
16/04/2023 04:45:00	0.25	20,502.02	23.29	99.82
16/04/2023 04:50:00	0.11	20,111.39	23.22	99.82
16/04/2023 04:55:00	0.09	0.00	23.09	99.81
16/04/2023 05:00:00	0.21	20,019.84	22.96	99.82
16/04/2023 05:05:00	0.14	21,112.38	23.24	99.82
16/04/2023 05:10:00	0.23	20,001.53	23.09	99.82
16/04/2023 05:15:00	0.16	0.00	23.22	99.82
16/04/2023 05:20:00	0.30	21,222.25	23.26	99.82
16/04/2023 05:25:00	0.21	20,239.57	22.61	99.82
16/04/2023 05:30:00	0.23	20,856.03	22.64	99.83
16/04/2023 05:35:00	0.11	20,392.16	23.38	99.83
16/04/2023 05:40:00	0.09	21,094.07	22.93	99.84
16/04/2023 05:45:00	0.18	21,112.38	23.09	99.84
16/04/2023 05:50:00	0.16	20,856.03	22.48	99.85
16/04/2023 05:55:00	0.27	20,373.85	23.07	99.85
16/04/2023 06:00:00	0.14	21,777.68	22.91	99.85
16/04/2023 06:05:00	0.14	21,094.07	22.77	99.85
16/04/2023 06:10:00	0.09	20,538.64	22.64	99.86
16/04/2023 06:15:00	0.09	21,094.07	23.07	99.89

	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
16/04/2023 00:00:00	0.09	0.00	24.74	99.92
16/04/2023 00:05:00	0.16	19,372.85	24.41	99.93
16/04/2023 06:20:00	0.11	21,094.07	22.48	99.87
16/04/2023 06:25:00	0.09	20,874.34	23.09	99.88
16/04/2023 06:30:00	0.09	20,874.34	22.66	99.87
16/04/2023 06:35:00	0.07	21,356.53	22.64	99.89
16/04/2023 06:40:00	0.11	0.00	23.24	99.87
16/04/2023 06:45:00	0.09	21,484.70	23.07	99.88
16/04/2023 06:50:00	0.07	21,704.43	23.07	99.89
16/04/2023 06:55:00	0.07	22,314.79	22.80	99.91
16/04/2023 07:00:00	0.11	0.00	23.24	99.90
16/04/2023 07:05:00	0.88	23,407.34	23.72	99.93
16/04/2023 07:10:00	0.63	23,169.30	23.38	99.92
16/04/2023 07:15:00	0.50	23,669.79	22.75	99.93
16/04/2023 07:20:00	0.55	23,651.48	23.54	99.96
16/04/2023 07:25:00	0.72	24,023.80	23.98	99.96
16/04/2023 07:30:00	0.65	24,261.84	23.82	99.96
16/04/2023 07:35:00	0.76	24,206.91	24.12	99.98
16/04/2023 07:40:00	0.79	23,523.31	24.12	100.00
16/04/2023 07:45:00	0.97	24,335.09	23.82	99.99
16/04/2023 07:50:00	0.99	24,481.57	24.41	100.02
16/04/2023 07:55:00	0.90	24,353.40	24.09	100.02
16/04/2023 08:00:00	0.88	24,853.89	24.90	100.05
16/04/2023 08:05:00	0.83	24,725.72	24.72	100.06
16/04/2023 08:10:00	1.06	25,226.21	24.88	100.05
16/04/2023 08:15:00	0.97	25,708.40	25.46	100.07
16/04/2023 08:20:00	1.15	25,299.46	25.32	100.06
16/04/2023 08:25:00	1.23	0.00	25.35	100.06
16/04/2023 08:30:00	1.25	25,690.09	25.46	100.05
16/04/2023 08:35:00	1.46	25,055.31	25.76	100.07
16/04/2023 08:40:00	1.27	25,928.13	25.93	100.05
16/04/2023 08:45:00	1.01	0.00	26.96	100.02
16/04/2023 08:50:00	0.95	25,555.81	26.64	100.03
16/04/2023 08:55:00	1.13	25,207.90	26.50	100.05
16/04/2023 09:00:00	0.95	24,945.45	26.52	100.05
16/04/2023 09:05:00	1.13	24,579.23	27.29	100.05
16/04/2023 09:10:00	0.85	25,336.08	27.12	100.08
16/04/2023 09:15:00	0.92	25,409.32	27.43	100.08
16/04/2023 09:20:00	1.17	24,817.27	27.12	100.06
16/04/2023 09:25:00	1.04	24,206.91	27.43	100.05
16/04/2023 09:30:00	1.46	26,282.14	28.08	100.05
16/04/2023 09:35:00	1.15	24,707.41	27.89	100.07
16/04/2023 09:40:00	1.17	25,427.63	27.92	100.05
16/04/2023 09:45:00	1.46	25,299.46	28.49	100.05
16/04/2023 09:50:00	1.11	26,153.96	28.63	100.05
16/04/2023 09:55:00	1.50	25,299.46	28.33	100.06
16/04/2023 10:00:00	1.48	25,671.78	28.19	100.10
16/04/2023 10:05:00	1.30	26,764.32	28.95	100.07
16/04/2023 10:10:00	1.37	0.00	28.95	100.06

	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
16/04/2023 00:00:00	0.09	0.00	24.74	99.92
16/04/2023 00:05:00	0.16	19,372.85	24.41	99.93
16/04/2023 10:15:00	1.46	26,392.00	28.68	100.06
16/04/2023 10:20:00	1.27	26,764.32	29.23	100.05
16/04/2023 10:25:00	1.69	26,892.50	28.61	100.06
16/04/2023 10:30:00	1.53	0.00	29.23	100.05
16/04/2023 10:35:00	1.83	27,228.20	29.37	100.03
16/04/2023 10:40:00	1.64	26,874.19	29.58	100.05
16/04/2023 10:45:00	1.66	27,704.28	29.21	100.05
16/04/2023 10:50:00	1.85	27,966.74	30.02	100.02
16/04/2023 10:55:00	1.90	27,985.05	29.56	100.03
16/04/2023 11:00:00	1.66	28,577.10	29.98	100.02
16/04/2023 11:05:00	1.90	28,931.11	30.46	100.03
16/04/2023 11:10:00	1.97	29,651.33	30.43	99.99
16/04/2023 11:15:00	2.06	30,414.28	30.57	99.98
16/04/2023 11:20:00	1.90	29,297.32	30.14	99.98
16/04/2023 11:25:00	2.08	29,541.47	30.88	99.99
16/04/2023 11:30:00	1.99	29,279.01	31.04	99.96
16/04/2023 11:35:00	1.85	29,669.64	30.90	99.97
16/04/2023 11:40:00	1.99	29,651.33	31.06	99.96
16/04/2023 11:45:00	1.99	30,023.65	30.88	99.94
16/04/2023 11:50:00	2.27	30,505.84	30.88	99.95
16/04/2023 11:55:00	2.01	0.00	31.66	99.94
16/04/2023 12:00:00	1.95	30,280.00	31.66	99.93
16/04/2023 12:05:00	1.90	30,261.69	31.04	99.92
16/04/2023 12:10:00	1.71	30,872.05	31.34	99.89
16/04/2023 12:15:00	1.73	0.00	31.53	99.88
16/04/2023 12:20:00	1.69	30,261.69	31.96	99.88
16/04/2023 12:25:00	1.78	30,371.56	32.27	99.88
16/04/2023 12:30:00	2.38	30,890.36	31.53	99.87
16/04/2023 12:35:00	1.90	30,505.84	31.64	99.86
16/04/2023 12:40:00	2.01	29,895.48	32.10	99.85
16/04/2023 12:45:00	2.33	30,615.70	31.94	99.85
16/04/2023 12:50:00	1.99	30,371.56	32.38	99.83
16/04/2023 12:55:00	1.85	32,336.92	32.38	99.82
16/04/2023 13:00:00	1.73	30,371.56	32.10	99.80
16/04/2023 13:05:00	1.83	30,988.02	32.08	99.81
16/04/2023 13:10:00	1.88	30,988.02	33.30	99.79
16/04/2023 13:15:00	2.04	31,134.51	33.03	99.76
16/04/2023 13:20:00	1.85	31,726.56	33.77	99.75
16/04/2023 13:25:00	2.20	30,853.74	33.03	99.76
16/04/2023 13:30:00	2.27	30,414.28	33.77	99.75
16/04/2023 13:35:00	2.04	30,890.36	33.47	99.75
16/04/2023 13:40:00	2.46	0.00	32.73	99.74
16/04/2023 13:45:00	1.97	30,634.01	33.33	99.73
16/04/2023 13:50:00	2.04	31,042.95	32.98	99.70
16/04/2023 13:55:00	1.97	30,487.53	33.01	99.70
16/04/2023 14:00:00	1.59	0.00	32.87	99.67
16/04/2023 14:05:00	1.75	30,280.00	33.77	99.67

	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
16/04/2023 00:00:00	0.09	0.00	24.74	99.92
16/04/2023 00:05:00	0.16	19,372.85	24.41	99.93
16/04/2023 14:10:00	1.50	30,023.65	33.49	99.67
16/04/2023 14:15:00	1.48	30,005.34	33.30	99.65
16/04/2023 14:20:00	1.66	30,243.38	33.14	99.66
16/04/2023 14:25:00	1.85	30,634.01	32.87	99.65
16/04/2023 14:30:00	2.01	30,115.21	31.78	99.63
16/04/2023 14:35:00	1.90	29,895.48	31.82	99.62
16/04/2023 14:40:00	2.08	29,797.82	31.94	99.65
16/04/2023 14:45:00	1.73	30,151.83	31.20	99.64
16/04/2023 14:50:00	1.69	29,651.33	30.88	99.62
16/04/2023 14:55:00	2.24	29,895.48	30.88	99.64
16/04/2023 15:00:00	2.01	29,761.20	31.20	99.62
16/04/2023 15:05:00	1.97	29,169.15	30.88	99.62
16/04/2023 15:10:00	1.85	28,949.42	30.92	99.62
16/04/2023 15:15:00	2.20	29,761.20	30.74	99.61
16/04/2023 15:20:00	1.80	29,724.57	31.20	99.59
16/04/2023 15:25:00	1.95	0.00	30.76	99.58
16/04/2023 15:30:00	1.92	29,297.32	30.90	99.58
16/04/2023 15:35:00	1.41	28,558.79	31.04	99.58
16/04/2023 15:40:00	1.59	28,686.96	31.22	99.57
16/04/2023 15:45:00	1.62	0.00	31.04	99.55
16/04/2023 15:50:00	1.53	29,260.70	31.34	99.53
16/04/2023 15:55:00	1.43	28,802.93	30.74	99.53
16/04/2023 16:00:00	1.13	27,838.56	31.17	99.53
16/04/2023 16:05:00	0.99	27,338.06	31.06	99.53
16/04/2023 16:10:00	1.34	27,466.24	30.90	99.54
16/04/2023 16:15:00	1.06	26,746.01	30.92	99.52
16/04/2023 16:20:00	1.20	27,246.51	31.66	99.53
16/04/2023 16:25:00	1.04	26,727.70	31.53	99.53
16/04/2023 16:30:00	1.30	27,112.23	31.39	99.53
16/04/2023 16:35:00	1.41	26,153.96	30.90	99.51
16/04/2023 16:40:00	1.13	25,763.33	31.80	99.51
16/04/2023 16:45:00	1.41	26,538.49	31.06	99.53
16/04/2023 16:50:00	1.53	25,055.31	31.39	99.54
16/04/2023 16:55:00	1.53	25,781.64	31.53	99.53
16/04/2023 17:00:00	1.71	25,781.64	31.96	99.53
16/04/2023 17:05:00	1.43	25,635.16	31.36	99.52
16/04/2023 17:10:00	1.41	0.00	31.82	99.53
16/04/2023 17:15:00	1.27	25,018.69	31.22	99.54
16/04/2023 17:20:00	1.57	24,652.48	31.34	99.53
16/04/2023 17:25:00	1.32	23,907.84	31.66	99.53
16/04/2023 17:30:00	1.34	0.00	31.50	99.53
16/04/2023 17:35:00	1.27	24,426.64	31.20	99.53
16/04/2023 17:40:00	1.32	23,688.11	31.50	99.55
16/04/2023 17:45:00	1.15	24,060.43	31.69	99.53
16/04/2023 17:50:00	1.20	22,705.42	31.22	99.52
16/04/2023 17:55:00	1.37	23,706.42	31.22	99.51
16/04/2023 18:00:00	1.27	22,259.86	31.08	99.53

	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
16/04/2023 00:00:00	0.09	0.00	24.74	99.92
16/04/2023 00:05:00	0.16	19,372.85	24.41	99.93
16/04/2023 18:05:00	1.25	22,351.42	30.14	99.53
16/04/2023 18:10:00	1.11	23,334.10	30.59	99.53
16/04/2023 18:15:00	1.27	21,985.20	29.85	99.50
16/04/2023 18:20:00	1.08	22,833.60	29.83	99.52
16/04/2023 18:25:00	1.17	21,759.37	29.53	99.53
16/04/2023 18:30:00	1.20	22,369.73	29.56	99.53
16/04/2023 18:35:00	5.56	21,875.33	29.23	99.53
16/04/2023 18:40:00	16.82	20,166.32	29.09	99.53
16/04/2023 18:45:00	4.59	21,130.69	29.69	99.52
16/04/2023 18:50:00	1.20	20,910.96	29.23	99.54
16/04/2023 18:55:00	0.90	0.00	29.40	99.53
16/04/2023 19:00:00	0.92	19,574.27	28.31	99.53
16/04/2023 19:05:00	0.95	21,741.05	28.61	99.53
16/04/2023 19:10:00	0.97	20,166.32	28.47	99.55
16/04/2023 19:15:00	1.11	0.00	28.61	99.54
16/04/2023 19:20:00	1.20	20,538.64	28.47	99.55
16/04/2023 19:25:00	0.97	20,428.78	28.33	99.55
16/04/2023 19:30:00	1.13	19,073.78	28.31	99.55
16/04/2023 19:35:00	0.99	19,800.11	28.15	99.55
16/04/2023 19:40:00	1.11	20,520.33	27.70	99.57
16/04/2023 19:45:00	0.92	21,149.00	27.57	99.57
16/04/2023 19:50:00	1.13	20,038.15	27.57	99.55
16/04/2023 19:55:00	1.08	20,538.64	27.89	99.56
16/04/2023 20:00:00	0.99	20,019.84	27.54	99.55
16/04/2023 20:05:00	0.95	19,446.10	27.73	99.57
16/04/2023 20:10:00	0.88	18,243.69	27.45	99.60
16/04/2023 20:15:00	0.88	19,928.28	27.27	99.60
16/04/2023 20:20:00	1.08	18,609.90	27.59	99.61
16/04/2023 20:25:00	0.85	19,964.90	27.12	99.62
16/04/2023 20:30:00	0.76	19,574.27	27.73	99.60
16/04/2023 20:35:00	0.81	17,615.01	27.43	99.61
16/04/2023 20:40:00	0.76	0.00	27.41	99.62
16/04/2023 20:45:00	0.76	18,707.56	27.24	99.64
16/04/2023 20:50:00	0.76	19,336.23	27.10	99.65
16/04/2023 20:55:00	0.67	18,591.59	26.83	99.66
16/04/2023 21:00:00	0.83	0.00	26.99	99.66
16/04/2023 21:05:00	0.83	19,073.78	26.80	99.66
16/04/2023 21:10:00	0.74	20,202.94	26.64	99.66
16/04/2023 21:15:00	0.69	19,818.42	26.64	99.66
16/04/2023 21:20:00	0.57	19,836.73	26.67	99.67
16/04/2023 21:25:00	0.69	20,056.46	27.08	99.67
16/04/2023 21:30:00	0.72	20,447.09	26.83	99.70
16/04/2023 21:35:00	0.72	20,074.77	26.83	99.70
16/04/2023 21:40:00	0.76	20,538.64	26.96	99.72
16/04/2023 21:45:00	0.72	20,074.77	26.52	99.71
16/04/2023 21:50:00	0.67	20,074.77	26.85	99.70
16/04/2023 21:55:00	0.79	20,819.41	26.96	99.70

	<b>PM (mg/Nm<sup>3</sup>)</b>	<b>Flow (m<sup>3</sup>/h)</b>	<b>Temp (°C)</b>	<b>P (kPa)</b>
16/04/2023 00:00:00	0.09	0.00	24.74	99.92
16/04/2023 00:05:00	0.16	19,372.85	24.41	99.93
16/04/2023 22:00:00	0.72	20,556.95	26.99	99.73
16/04/2023 22:05:00	0.53	21,057.45	26.83	99.74
16/04/2023 22:10:00	0.83	19,946.59	26.50	99.73
16/04/2023 22:15:00	0.81	19,818.42	26.50	99.74
16/04/2023 22:20:00	0.88	21,039.14	26.52	99.73
16/04/2023 22:25:00	0.69	0.00	27.15	99.73
16/04/2023 22:30:00	0.50	21,167.32	27.27	99.73
16/04/2023 22:35:00	0.16	20,685.13	26.36	99.72
16/04/2023 22:40:00	0.16	20,447.09	26.52	99.73
16/04/2023 22:45:00	0.11	0.00	26.80	99.71
16/04/2023 22:50:00	0.05	20,556.95	26.83	99.74
16/04/2023 22:55:00	0.14	20,202.94	26.67	99.72
16/04/2023 23:00:00	0.14	20,538.64	26.80	99.70
16/04/2023 23:05:00	0.07	20,410.47	26.36	99.68
16/04/2023 23:10:00	0.11	19,836.73	26.67	99.69
16/04/2023 23:15:00	0.09	20,465.40	26.50	99.66
16/04/2023 23:20:00	0.21	19,946.59	25.93	99.67
16/04/2023 23:25:00	0.11	20,801.10	26.36	99.66
16/04/2023 23:30:00	0.11	19,836.73	26.06	99.66
16/04/2023 23:35:00	0.32	20,337.22	25.95	99.66
16/04/2023 23:40:00	0.39	19,336.23	26.09	99.67
16/04/2023 23:45:00	0.25	20,202.94	26.36	99.66
16/04/2023 23:50:00	0.18	20,447.09	25.60	99.64
16/04/2023 23:55:00	0.21	19,336.23	25.62	99.63