



## BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiên xi

Thời gian báo cáo: Từ: 04/04/2023

Tới: 04/04/2023

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)
04/04/2023 00:00:00	9.51	0.00	37.83	99.39
04/04/2023 00:05:00	5.85	0.00	35.55	99.39
04/04/2023 00:10:00	8.64	0.00	34.01	99.40
04/04/2023 00:15:00	12.48	81,879.91	36.75	99.41
04/04/2023 00:20:00	15.85	177,988.86	39.03	99.32
04/04/2023 00:25:00	18.66	178,751.81	40.71	99.40
04/04/2023 00:30:00	16.75	164,736.41	41.15	99.39
04/04/2023 00:35:00	18.36	167,009.98	42.98	99.39
04/04/2023 00:40:00	13.95	171,595.33	42.85	99.41
04/04/2023 00:45:00	17.73	28,320.74	43.92	99.44
04/04/2023 00:50:00	14.39	9,391.93	44.08	99.36
04/04/2023 00:55:00	9.83	0.00	40.59	99.36
04/04/2023 01:00:00	9.37	0.00	36.52	99.34
04/04/2023 01:05:00	11.71	0.00	35.99	99.34
04/04/2023 01:10:00	8.51	0.00	35.68	99.34
04/04/2023 01:15:00	7.09	0.00	34.45	99.34
04/04/2023 01:20:00	8.11	0.00	34.48	99.34
04/04/2023 01:25:00	5.58	0.00	32.78	99.32
04/04/2023 01:30:00	5.09	0.00	33.13	99.32
04/04/2023 01:35:00	12.37	96,383.61	36.90	99.29
04/04/2023 01:40:00	16.78	174,479.30	40.85	99.24
04/04/2023 01:45:00	20.48	164,408.33	41.47	99.25
04/04/2023 01:50:00	19.87	156,473.64	44.24	99.29
04/04/2023 01:55:00	26.38	156,778.81	46.20	99.34
04/04/2023 02:00:00	23.54	147,920.95	48.49	99.29
04/04/2023 02:05:00	30.08	157,915.62	50.01	99.32
04/04/2023 02:10:00	29.24	152,201.11	52.33	99.25
04/04/2023 02:15:00	31.98	147,318.23	53.10	99.29
04/04/2023 02:20:00	33.52	141,969.94	54.33	99.31
04/04/2023 02:25:00	29.73	158,434.42	56.59	99.26
04/04/2023 02:30:00	34.22	144,411.38	57.05	99.29
04/04/2023 02:35:00	28.85	143,015.19	56.73	99.32
04/04/2023 02:40:00	34.68	131,288.62	57.79	99.26
04/04/2023 02:45:00	35.93	137,521.94	58.26	99.27
04/04/2023 02:50:00	33.47	147,150.38	59.03	99.22
04/04/2023 02:55:00	33.24	157,686.73	59.33	99.26
04/04/2023 03:00:00	38.82	159,967.95	59.66	99.29
04/04/2023 03:05:00	31.45	139,665.83	61.61	99.26
04/04/2023 03:10:00	36.08	137,521.94	61.33	99.31

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)
04/04/2023 03:15:00	39.57	0.00	62.68	99.37
04/04/2023 03:20:00	44.50	52,086.67	62.23	99.40
04/04/2023 03:25:00	32.68	21,576.26	61.78	99.35
04/04/2023 03:30:00	23.78	10,765.24	55.08	99.32
04/04/2023 03:35:00	20.61	13,344.01	51.31	99.31
04/04/2023 03:40:00	28.18	14,740.22	49.38	99.30
04/04/2023 03:45:00	17.17	10,299.84	47.40	99.29
04/04/2023 03:50:00	15.92	11,207.75	45.59	99.29
04/04/2023 03:55:00	14.22	12,901.50	44.66	99.28
04/04/2023 04:00:00	13.27	14,717.33	44.20	99.27
04/04/2023 04:05:00	13.08	10,742.35	43.73	99.26
04/04/2023 04:10:00	15.01	10,299.84	42.22	99.26
04/04/2023 04:15:00	12.44	12,741.28	42.08	99.26
04/04/2023 04:20:00	12.92	12,741.28	42.08	99.26
04/04/2023 04:25:00	11.60	10,765.24	40.10	99.26
04/04/2023 04:30:00	9.67	11,207.75	39.78	99.25
04/04/2023 04:35:00	10.76	13,015.95	40.38	99.25
04/04/2023 04:40:00	9.90	12,878.61	39.48	99.25
04/04/2023 04:45:00	10.80	11,505.30	38.70	99.25
04/04/2023 04:50:00	9.04	9,834.44	38.27	99.26
04/04/2023 04:55:00	8.51	9,857.33	38.27	99.27
04/04/2023 05:00:00	8.02	0.00	37.80	99.27
04/04/2023 05:05:00	9.44	9,834.44	37.48	99.27
04/04/2023 05:10:00	7.93	11,207.75	36.90	99.29
04/04/2023 05:15:00	7.39	10,902.57	37.96	99.31
04/04/2023 05:20:00	8.88	11,459.53	37.19	99.32
04/04/2023 05:25:00	6.87	10,437.17	36.87	99.34
04/04/2023 05:30:00	8.20	0.00	35.68	99.32
04/04/2023 05:35:00	7.90	0.00	35.68	99.30
04/04/2023 05:40:00	21.10	0.00	35.99	99.30
04/04/2023 05:45:00	12.25	0.00	35.22	99.31
04/04/2023 05:50:00	6.76	0.00	36.26	99.30
04/04/2023 05:55:00	7.00	0.00	34.92	99.30
04/04/2023 06:00:00	7.58	0.00	35.22	99.32
04/04/2023 06:05:00	5.55	10,131.99	34.29	99.30
04/04/2023 06:10:00	6.51	0.00	35.22	99.29
04/04/2023 06:15:00	6.81	10,154.88	34.92	99.31
04/04/2023 06:20:00	8.44	0.00	34.45	99.34
04/04/2023 06:25:00	6.39	0.00	33.71	99.34
04/04/2023 06:30:00	5.71	0.00	35.08	99.33
04/04/2023 06:35:00	5.55	0.00	33.24	99.33
04/04/2023 06:40:00	5.76	0.00	33.13	99.34
04/04/2023 06:45:00	6.07	0.00	33.41	99.34
04/04/2023 06:50:00	4.49	0.00	34.32	99.34
04/04/2023 06:55:00	5.23	0.00	33.41	99.35
04/04/2023 07:00:00	5.29	0.00	33.41	99.37
04/04/2023 07:05:00	5.90	0.00	34.17	99.39
04/04/2023 07:10:00	6.16	0.00	33.99	99.40
04/04/2023 07:15:00	5.58	0.00	32.33	99.41
04/04/2023 07:20:00	5.51	0.00	32.17	99.42
04/04/2023 07:25:00	5.71	0.00	32.64	99.42
04/04/2023 07:30:00	4.76	0.00	33.10	99.43
04/04/2023 07:35:00	4.51	0.00	31.88	99.42

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)
04/04/2023 07:40:00	4.83	9,086.75	31.88	99.43
04/04/2023 07:45:00	6.58	0.00	31.88	99.44
04/04/2023 07:50:00	3.88	0.00	32.48	99.42
04/04/2023 07:55:00	4.02	0.00	31.88	99.43
04/04/2023 08:00:00	4.30	0.00	31.57	99.41
04/04/2023 08:05:00	4.00	0.00	31.46	99.43
04/04/2023 08:10:00	4.67	0.00	31.41	99.43
04/04/2023 08:15:00	4.74	0.00	31.57	99.41
04/04/2023 08:20:00	4.44	0.00	31.73	99.42
04/04/2023 08:25:00	4.97	0.00	31.27	99.43
04/04/2023 08:30:00	4.51	0.00	31.57	99.41
04/04/2023 08:35:00	4.51	0.00	30.97	99.40
04/04/2023 08:40:00	4.23	0.00	30.80	99.41
04/04/2023 08:45:00	3.67	0.00	31.27	99.42
04/04/2023 08:50:00	4.16	0.00	30.97	99.41
04/04/2023 08:55:00	4.41	0.00	31.15	99.42
04/04/2023 09:00:00	3.85	0.00	30.95	99.40
04/04/2023 09:05:00	3.76	0.00	30.97	99.40
04/04/2023 09:10:00	3.11	0.00	30.80	99.40
04/04/2023 09:15:00	4.39	0.00	30.82	99.40
04/04/2023 09:20:00	2.88	0.00	30.80	99.40
04/04/2023 09:25:00	3.65	0.00	30.36	99.40
04/04/2023 09:30:00	3.04	0.00	31.11	99.39
04/04/2023 09:35:00	3.20	0.00	31.11	99.40
04/04/2023 09:40:00	3.51	0.00	30.36	99.40
04/04/2023 09:45:00	4.07	0.00	30.64	99.40
04/04/2023 09:50:00	3.85	0.00	30.20	99.40
04/04/2023 09:55:00	3.51	0.00	30.33	99.40
04/04/2023 10:00:00	3.83	0.00	30.33	99.42
04/04/2023 10:05:00	3.90	0.00	30.64	99.41
04/04/2023 10:10:00	2.69	0.00	30.50	99.41
04/04/2023 10:15:00	3.92	0.00	29.89	99.42
04/04/2023 10:20:00	2.74	0.00	30.20	99.41
04/04/2023 10:25:00	3.72	0.00	30.80	99.40
04/04/2023 10:30:00	3.04	0.00	30.20	99.41
04/04/2023 10:35:00	2.65	0.00	30.06	99.40
04/04/2023 10:40:00	5.46	0.00	30.78	99.36
04/04/2023 10:45:00	4.41	0.00	30.50	99.36
04/04/2023 10:50:00	3.95	0.00	29.89	99.36
04/04/2023 10:55:00	2.88	0.00	29.87	99.35
04/04/2023 11:00:00	2.74	0.00	30.20	99.37
04/04/2023 11:05:00	3.65	0.00	30.17	99.35
04/04/2023 11:10:00	2.85	0.00	29.89	99.34
04/04/2023 11:15:00	3.78	0.00	29.89	99.34
04/04/2023 11:20:00	2.43	0.00	30.36	99.33
04/04/2023 11:25:00	3.41	0.00	30.06	99.34
04/04/2023 11:30:00	2.02	0.00	30.17	99.33
04/04/2023 11:35:00	3.02	0.00	30.36	99.31
04/04/2023 11:40:00	2.88	0.00	30.33	99.30
04/04/2023 11:45:00	2.51	0.00	29.73	99.30
04/04/2023 11:50:00	2.69	0.00	30.33	99.28
04/04/2023 11:55:00	2.98	0.00	30.50	99.28
04/04/2023 12:00:00	2.09	0.00	29.89	99.26

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)
04/04/2023 12:05:00	2.25	0.00	30.33	99.26
04/04/2023 12:10:00	2.83	0.00	30.50	99.25
04/04/2023 12:15:00	2.46	0.00	30.80	99.23
04/04/2023 12:20:00	1.51	0.00	30.50	99.21
04/04/2023 12:25:00	1.63	0.00	30.04	99.20
04/04/2023 12:30:00	1.51	0.00	30.80	99.18
04/04/2023 12:35:00	2.32	0.00	30.80	99.17
04/04/2023 12:40:00	2.09	0.00	30.20	99.17
04/04/2023 12:45:00	1.81	0.00	30.36	99.15
04/04/2023 12:50:00	1.18	0.00	30.20	99.15
04/04/2023 12:55:00	1.11	0.00	30.36	99.15
04/04/2023 13:00:00	1.14	0.00	30.33	99.14
04/04/2023 13:05:00	1.46	0.00	30.33	99.13
04/04/2023 13:10:00	1.90	0.00	31.11	99.11
04/04/2023 13:15:00	2.09	0.00	30.64	99.10
04/04/2023 13:20:00	1.85	0.00	30.80	99.08
04/04/2023 13:25:00	1.56	0.00	30.78	99.05
04/04/2023 13:30:00	1.60	0.00	30.33	99.05
04/04/2023 13:35:00	1.74	0.00	30.95	99.04
04/04/2023 13:40:00	1.30	0.00	30.78	99.02
04/04/2023 13:45:00	1.21	0.00	30.31	99.02
04/04/2023 13:50:00	0.90	0.00	30.48	99.02
04/04/2023 13:55:00	1.07	0.00	31.24	99.02
04/04/2023 14:00:00	1.16	0.00	30.33	99.01
04/04/2023 14:05:00	2.34	0.00	30.95	99.00
04/04/2023 14:10:00	1.67	0.00	31.08	99.00
04/04/2023 14:15:00	1.27	0.00	30.95	98.99
04/04/2023 14:20:00	1.76	0.00	30.64	99.00
04/04/2023 14:25:00	0.92	0.00	30.66	98.99
04/04/2023 14:30:00	1.02	0.00	30.64	98.97
04/04/2023 14:35:00	0.79	0.00	30.64	98.97
04/04/2023 14:40:00	1.23	0.00	30.50	98.97
04/04/2023 14:45:00	1.49	0.00	30.50	98.96
04/04/2023 14:50:00	1.37	0.00	30.95	98.96
04/04/2023 14:55:00	1.53	0.00	30.95	98.93
04/04/2023 15:00:00	2.04	0.00	30.48	98.94
04/04/2023 15:05:00	3.14	0.00	30.78	98.94
04/04/2023 15:10:00	2.88	0.00	30.64	98.94
04/04/2023 15:15:00	3.20	0.00	30.62	98.94
04/04/2023 15:20:00	3.14	0.00	31.11	98.94
04/04/2023 15:25:00	2.83	0.00	30.48	98.94
04/04/2023 15:30:00	2.56	0.00	31.11	98.92
04/04/2023 15:35:00	1.90	0.00	31.08	98.92
04/04/2023 15:40:00	1.60	0.00	30.95	98.92
04/04/2023 15:45:00	1.41	0.00	30.64	98.92
04/04/2023 15:50:00	1.81	0.00	30.64	98.93
04/04/2023 15:55:00	1.37	0.00	30.48	98.92
04/04/2023 16:00:00	1.23	0.00	31.24	98.92
04/04/2023 16:05:00	1.46	0.00	30.33	98.92
04/04/2023 16:10:00	1.51	0.00	31.11	98.91
04/04/2023 16:15:00	1.39	0.00	30.48	98.92
04/04/2023 16:20:00	1.11	0.00	30.48	98.91
04/04/2023 16:25:00	1.56	0.00	30.66	98.93

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)
04/04/2023 16:30:00	1.14	0.00	30.48	98.92
04/04/2023 16:35:00	1.74	0.00	30.95	98.92
04/04/2023 16:40:00	1.37	0.00	30.78	98.94
04/04/2023 16:45:00	1.11	0.00	30.62	98.93
04/04/2023 16:50:00	1.39	0.00	30.62	98.92
04/04/2023 16:55:00	1.60	0.00	30.78	98.91
04/04/2023 17:00:00	1.34	0.00	30.62	98.92
04/04/2023 17:05:00	1.37	0.00	30.17	98.94
04/04/2023 17:10:00	1.21	0.00	30.48	98.95
04/04/2023 17:15:00	1.63	0.00	30.78	98.97
04/04/2023 17:20:00	1.65	0.00	30.17	98.96
04/04/2023 17:25:00	1.85	0.00	30.48	98.95
04/04/2023 17:30:00	1.58	0.00	29.87	98.98
04/04/2023 17:35:00	1.32	0.00	30.31	98.98
04/04/2023 17:40:00	1.98	0.00	29.87	98.97
04/04/2023 17:45:00	1.95	0.00	30.31	98.97
04/04/2023 17:50:00	1.72	0.00	29.87	98.99
04/04/2023 17:55:00	1.90	0.00	30.31	98.99
04/04/2023 18:00:00	1.85	0.00	30.04	98.99
04/04/2023 18:05:00	2.09	0.00	29.85	99.00
04/04/2023 18:10:00	1.72	0.00	30.33	99.01
04/04/2023 18:15:00	1.60	0.00	30.15	99.01
04/04/2023 18:20:00	2.07	0.00	30.15	99.01
04/04/2023 18:25:00	1.90	0.00	30.50	99.02
04/04/2023 18:30:00	2.02	0.00	30.31	99.01
04/04/2023 18:35:00	2.09	0.00	29.73	99.04
04/04/2023 18:40:00	2.09	0.00	29.87	99.03
04/04/2023 18:45:00	2.20	0.00	29.87	99.05
04/04/2023 18:50:00	1.72	0.00	30.17	99.05
04/04/2023 18:55:00	2.76	0.00	29.73	99.05
04/04/2023 19:00:00	2.30	0.00	29.43	99.05
04/04/2023 19:05:00	2.04	0.00	29.57	99.06
04/04/2023 19:10:00	1.65	0.00	29.87	99.06
04/04/2023 19:15:00	1.79	0.00	29.73	99.07
04/04/2023 19:20:00	2.65	0.00	30.20	99.08
04/04/2023 19:25:00	2.02	0.00	29.40	99.09
04/04/2023 19:30:00	2.60	0.00	30.04	99.10
04/04/2023 19:35:00	2.09	0.00	29.40	99.10
04/04/2023 19:40:00	2.53	0.00	29.89	99.11
04/04/2023 19:45:00	2.20	0.00	29.11	99.11
04/04/2023 19:50:00	2.25	0.00	29.89	99.12
04/04/2023 19:55:00	2.11	0.00	29.73	99.11
04/04/2023 20:00:00	1.58	0.00	28.97	99.12
04/04/2023 20:05:00	1.98	0.00	29.87	99.12
04/04/2023 20:10:00	2.37	0.00	29.43	99.13
04/04/2023 20:15:00	1.81	0.00	29.73	99.15
04/04/2023 20:20:00	1.92	0.00	29.59	99.17
04/04/2023 20:25:00	1.95	0.00	29.43	99.17
04/04/2023 20:30:00	1.74	0.00	28.80	99.16
04/04/2023 20:35:00	2.02	0.00	29.43	99.17
04/04/2023 20:40:00	2.43	0.00	29.59	99.17
04/04/2023 20:45:00	1.98	0.00	28.82	99.19
04/04/2023 20:50:00	1.74	0.00	29.29	99.19

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)
04/04/2023 20:55:00	1.98	0.00	28.80	99.20
04/04/2023 21:00:00	2.16	0.00	28.66	99.21
04/04/2023 21:05:00	2.51	0.00	29.40	99.20
04/04/2023 21:10:00	1.51	0.00	28.80	99.22
04/04/2023 21:15:00	2.37	0.00	28.97	99.23
04/04/2023 21:20:00	2.34	0.00	28.99	99.23
04/04/2023 21:25:00	3.58	0.00	29.57	99.23
04/04/2023 21:30:00	1.53	0.00	28.66	99.24
04/04/2023 21:35:00	2.43	0.00	29.15	99.24
04/04/2023 21:40:00	2.56	0.00	28.50	99.22
04/04/2023 21:45:00	2.04	0.00	28.99	99.25
04/04/2023 21:50:00	1.92	0.00	28.50	99.22
04/04/2023 21:55:00	2.67	0.00	28.66	99.24
04/04/2023 22:00:00	2.00	0.00	29.29	99.24
04/04/2023 22:05:00	2.20	0.00	29.13	99.24
04/04/2023 22:10:00	1.85	0.00	28.38	99.24
04/04/2023 22:15:00	1.51	0.00	28.66	99.24
04/04/2023 22:20:00	1.81	0.00	28.80	99.23
04/04/2023 22:25:00	2.25	0.00	28.50	99.25
04/04/2023 22:30:00	1.98	0.00	28.99	99.25
04/04/2023 22:35:00	23.69	0.00	28.82	99.26
04/04/2023 22:40:00	2.81	0.00	28.36	99.26
04/04/2023 22:45:00	22.87	0.00	28.82	99.26
04/04/2023 22:50:00	18.36	0.00	28.22	99.26
04/04/2023 22:55:00	3.09	0.00	28.85	99.26
04/04/2023 23:00:00	3.72	0.00	28.69	99.26
04/04/2023 23:05:00	17.64	0.00	28.06	99.26
04/04/2023 23:10:00	3.67	0.00	28.82	99.26
04/04/2023 23:15:00	2.00	0.00	28.69	99.26
04/04/2023 23:20:00	3.00	0.00	28.53	99.26
04/04/2023 23:25:00	2.09	0.00	28.66	99.25
04/04/2023 23:30:00	1.92	0.00	28.50	99.24
04/04/2023 23:35:00	2.37	0.00	28.22	99.24
04/04/2023 23:40:00	2.09	0.00	28.82	99.25
04/04/2023 23:45:00	1.98	0.00	28.20	99.25
04/04/2023 23:50:00	29.54	0.00	27.89	99.25
04/04/2023 23:55:00	41.75	0.00	28.53	99.25