



## 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: 05/04/2023

Tới: 05/04/2023

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)
05/04/2023 00:00:00	32.01	0.00	28.22	99.24
05/04/2023 00:05:00	122.14	22,224.77	28.08	99.37
05/04/2023 00:10:00	14.06	38,391.70	35.85	99.21
05/04/2023 00:15:00	16.20	0.00	40.10	99.16
05/04/2023 00:20:00	18.62	155,405.52	41.92	99.23
05/04/2023 00:25:00	20.08	150,057.22	43.92	99.26
05/04/2023 00:30:00	24.43	148,081.19	45.89	99.28
05/04/2023 00:35:00	23.76	144,571.59	50.17	99.21
05/04/2023 00:40:00	29.05	159,060.05	51.82	99.31
05/04/2023 00:45:00	30.47	156,618.59	52.15	99.29
05/04/2023 00:50:00	32.75	146,570.53	55.21	99.26
05/04/2023 00:55:00	34.87	154,337.38	55.99	99.27
05/04/2023 01:00:00	34.87	155,848.02	56.12	99.31
05/04/2023 01:05:00	37.68	155,245.30	57.21	99.35
05/04/2023 01:10:00	39.84	133,432.52	58.89	99.26
05/04/2023 01:15:00	30.03	152,178.23	60.10	99.29
05/04/2023 01:20:00	41.75	153,223.47	60.40	99.36
05/04/2023 01:25:00	28.80	152,338.45	60.70	99.34
05/04/2023 01:30:00	39.26	147,455.56	61.33	99.33
05/04/2023 01:35:00	33.42	150,965.12	61.94	99.34
05/04/2023 01:40:00	35.84	146,662.09	62.21	99.23
05/04/2023 01:45:00	35.19	132,944.23	62.38	99.38
05/04/2023 01:50:00	37.24	149,317.16	62.54	99.27
05/04/2023 01:55:00	35.96	144,525.83	63.58	99.34
05/04/2023 02:00:00	31.62	0.00	64.38	99.32
05/04/2023 02:05:00	38.64	151,102.45	63.78	99.31
05/04/2023 02:10:00	41.84	142,549.78	64.96	99.33
05/04/2023 02:15:00	37.33	153,200.58	64.16	99.30
05/04/2023 02:20:00	42.21	0.00	65.56	99.39
05/04/2023 02:25:00	37.29	148,340.58	64.63	99.29
05/04/2023 02:30:00	45.24	145,593.95	63.89	99.29
05/04/2023 02:35:00	42.28	142,549.78	64.35	99.29
05/04/2023 02:40:00	32.98	148,340.58	65.26	99.32
05/04/2023 02:45:00	41.94	152,780.95	66.47	99.29
05/04/2023 02:50:00	36.57	153,360.80	65.71	99.32
05/04/2023 02:55:00	35.33	140,993.36	64.03	99.29
05/04/2023 03:00:00	38.91	159,922.19	63.87	99.40
05/04/2023 03:05:00	31.73	153,383.69	62.05	99.32
05/04/2023 03:10:00	39.03	140,428.78	62.52	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)
05/04/2023 03:15:00	38.22	150,919.36	63.10	99.29
05/04/2023 03:20:00	35.45	153,521.02	64.63	99.34
05/04/2023 03:25:00	40.42	152,292.67	63.45	99.26
05/04/2023 03:30:00	36.87	143,755.25	63.29	99.33
05/04/2023 03:35:00	38.26	141,016.25	65.09	99.27
05/04/2023 03:40:00	36.73	149,988.56	64.31	99.28
05/04/2023 03:45:00	35.08	0.00	63.12	99.34
05/04/2023 03:50:00	41.57	143,434.81	63.56	99.34
05/04/2023 03:55:00	38.57	145,128.56	63.26	99.29
05/04/2023 04:00:00	38.48	144,037.55	64.63	99.34
05/04/2023 04:05:00	40.68	0.00	66.91	99.29
05/04/2023 04:10:00	37.77	139,940.48	67.38	99.29
05/04/2023 04:15:00	36.52	134,897.38	65.56	99.31
05/04/2023 04:20:00	35.45	143,152.52	67.68	99.32
05/04/2023 04:25:00	34.59	157,778.30	67.24	99.36
05/04/2023 04:30:00	40.17	148,035.41	64.65	99.33
05/04/2023 04:35:00	39.89	147,432.67	64.19	99.32
05/04/2023 04:40:00	39.80	148,546.58	64.33	99.36
05/04/2023 04:45:00	37.89	147,875.19	62.96	99.34
05/04/2023 04:50:00	35.06	146,967.27	63.56	99.39
05/04/2023 04:55:00	38.15	140,550.84	64.19	99.34
05/04/2023 05:00:00	38.77	151,102.45	63.42	99.34
05/04/2023 05:05:00	34.10	146,753.64	64.16	99.38
05/04/2023 05:10:00	30.56	151,544.98	63.12	99.34
05/04/2023 05:15:00	39.80	156,267.64	62.49	99.36
05/04/2023 05:20:00	37.48	146,967.27	64.19	99.44
05/04/2023 05:25:00	37.96	144,243.53	64.03	99.41
05/04/2023 05:30:00	39.40	0.00	63.12	99.43
05/04/2023 05:35:00	36.66	155,497.06	62.65	99.40
05/04/2023 05:40:00	45.98	150,919.36	63.89	99.33
05/04/2023 05:45:00	34.22	159,151.59	63.26	99.43
05/04/2023 05:50:00	43.03	0.00	64.03	99.37
05/04/2023 05:55:00	39.61	29,457.54	65.09	99.34
05/04/2023 06:00:00	28.56	23,689.63	60.54	99.44
05/04/2023 06:05:00	23.52	22,461.28	54.89	99.44
05/04/2023 06:10:00	69.76	20,782.79	50.73	99.43
05/04/2023 06:15:00	19.59	19,485.77	49.96	99.43
05/04/2023 06:20:00	15.30	20,019.84	48.15	99.44
05/04/2023 06:25:00	16.15	19,089.04	47.54	99.46
05/04/2023 06:30:00	15.92	20,340.28	46.78	99.45
05/04/2023 06:35:00	17.30	20,180.06	45.56	99.44
05/04/2023 06:40:00	13.66	17,738.61	45.27	99.45
05/04/2023 06:45:00	11.53	18,341.34	43.40	99.45
05/04/2023 06:50:00	10.15	18,806.74	43.89	99.46
05/04/2023 06:55:00	10.41	16,830.70	42.03	99.46
05/04/2023 07:00:00	13.34	18,364.23	42.50	99.50
05/04/2023 07:05:00	11.55	18,341.34	42.34	99.49
05/04/2023 07:10:00	9.32	18,974.59	41.15	99.49
05/04/2023 07:15:00	10.95	0.00	41.59	99.48
05/04/2023 07:20:00	9.80	18,509.19	40.83	99.49
05/04/2023 07:25:00	8.85	16,998.55	41.15	99.50
05/04/2023 07:30:00	8.67	17,898.83	40.08	99.51
05/04/2023 07:35:00	9.55	0.00	39.17	99.52

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)
05/04/2023 07:40:00	7.74	19,295.03	38.70	99.54
05/04/2023 07:45:00	9.60	16,853.59	40.10	99.53
05/04/2023 07:50:00	8.32	14,557.11	38.68	99.54
05/04/2023 07:55:00	9.32	16,067.75	38.87	99.56
05/04/2023 08:00:00	8.13	16,067.75	38.70	99.55
05/04/2023 08:05:00	7.51	16,136.42	39.15	99.55
05/04/2023 08:10:00	6.93	17,433.43	38.41	99.55
05/04/2023 08:15:00	7.80	15,320.06	37.48	99.55
05/04/2023 08:20:00	7.46	16,067.75	38.41	99.55
05/04/2023 08:25:00	6.20	16,227.97	37.32	99.56
05/04/2023 08:30:00	7.16	16,090.64	38.25	99.58
05/04/2023 08:35:00	6.18	15,457.39	37.94	99.56
05/04/2023 08:40:00	6.44	14,557.11	37.17	99.55
05/04/2023 08:45:00	5.36	15,320.06	36.43	99.56
05/04/2023 08:50:00	5.85	16,250.86	37.80	99.58
05/04/2023 08:55:00	6.53	16,388.19	36.13	99.58
05/04/2023 09:00:00	6.81	0.00	36.85	99.58
05/04/2023 09:05:00	5.85	17,296.10	35.81	99.58
05/04/2023 09:10:00	5.83	14,251.93	37.17	99.58
05/04/2023 09:15:00	6.04	13,344.01	36.71	99.59
05/04/2023 09:20:00	4.34	0.00	35.50	99.60
05/04/2023 09:25:00	4.90	15,457.39	36.71	99.60
05/04/2023 09:30:00	5.44	13,649.20	37.03	99.60
05/04/2023 09:35:00	3.81	12,878.61	35.36	99.60
05/04/2023 09:40:00	4.09	14,412.15	36.13	99.60
05/04/2023 09:45:00	3.85	15,457.39	35.03	99.60
05/04/2023 09:50:00	5.13	14,114.60	35.97	99.60
05/04/2023 09:55:00	4.02	14,694.44	35.64	99.60
05/04/2023 10:00:00	4.00	13,946.75	35.97	99.59
05/04/2023 10:05:00	4.44	12,878.61	35.81	99.60
05/04/2023 10:10:00	3.97	14,694.44	34.87	99.59
05/04/2023 10:15:00	4.65	12,413.21	36.43	99.58
05/04/2023 10:20:00	3.36	14,114.60	36.43	99.58
05/04/2023 10:25:00	4.00	14,557.11	35.19	99.56
05/04/2023 10:30:00	4.49	13,321.13	35.81	99.56
05/04/2023 10:35:00	3.36	14,091.71	35.03	99.54
05/04/2023 10:40:00	3.62	13,946.75	35.97	99.55
05/04/2023 10:45:00	3.11	0.00	36.10	99.54
05/04/2023 10:50:00	3.95	13,038.83	35.06	99.55
05/04/2023 10:55:00	3.76	14,389.26	34.73	99.52
05/04/2023 11:00:00	3.65	12,252.99	35.97	99.54
05/04/2023 11:05:00	3.32	0.00	35.64	99.51
05/04/2023 11:10:00	3.69	12,855.73	35.64	99.52
05/04/2023 11:15:00	2.88	14,557.11	36.26	99.50
05/04/2023 11:20:00	2.85	14,091.71	34.59	99.50
05/04/2023 11:25:00	2.53	13,923.86	34.71	99.49
05/04/2023 11:30:00	3.43	12,878.61	35.64	99.50
05/04/2023 11:35:00	2.60	13,206.68	36.41	99.47
05/04/2023 11:40:00	2.88	13,038.83	36.43	99.46
05/04/2023 11:45:00	2.51	13,321.13	36.10	99.47
05/04/2023 11:50:00	2.62	13,321.13	35.03	99.46
05/04/2023 11:55:00	2.78	12,252.99	34.87	99.45
05/04/2023 12:00:00	2.67	13,344.01	36.26	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)
05/04/2023 12:05:00	2.69	13,160.91	34.87	99.40
05/04/2023 12:10:00	3.09	14,251.93	34.73	99.40
05/04/2023 12:15:00	2.58	11,673.15	34.87	99.40
05/04/2023 12:20:00	2.88	12,695.51	35.48	99.37
05/04/2023 12:25:00	2.39	13,923.86	35.81	99.36
05/04/2023 12:30:00	2.30	0.00	36.24	99.34
05/04/2023 12:35:00	2.65	13,786.53	35.34	99.35
05/04/2023 12:40:00	2.41	13,298.24	35.01	99.34
05/04/2023 12:45:00	2.65	13,786.53	35.03	99.35
05/04/2023 12:50:00	2.60	0.00	35.48	99.32
05/04/2023 12:55:00	2.11	14,671.55	36.08	99.31
05/04/2023 13:00:00	2.67	12,855.73	36.39	99.30
05/04/2023 13:05:00	2.58	12,390.33	36.24	99.29
05/04/2023 13:10:00	2.09	13,160.91	35.94	99.26
05/04/2023 13:15:00	2.53	12,672.62	36.22	99.26
05/04/2023 13:20:00	2.53	11,650.26	36.08	99.24
05/04/2023 13:25:00	2.11	12,550.55	35.32	99.26
05/04/2023 13:30:00	2.00	14,694.44	35.77	99.23
05/04/2023 13:35:00	1.98	12,230.11	35.32	99.21
05/04/2023 13:40:00	2.83	13,435.57	35.15	99.19
05/04/2023 13:45:00	2.11	14,068.82	35.48	99.19
05/04/2023 13:50:00	1.92	13,626.31	35.48	99.19
05/04/2023 13:55:00	2.14	13,435.57	35.32	99.17
05/04/2023 14:00:00	1.90	12,695.51	35.45	99.16
05/04/2023 14:05:00	1.83	13,275.35	35.45	99.14
05/04/2023 14:10:00	1.90	13,626.31	34.85	99.14
05/04/2023 14:15:00	2.16	0.00	35.34	99.15
05/04/2023 14:20:00	2.02	13,603.42	35.15	99.14
05/04/2023 14:25:00	3.23	14,068.82	35.01	99.13
05/04/2023 14:30:00	6.09	14,068.82	35.48	99.12
05/04/2023 14:35:00	7.06	0.00	35.66	99.12
05/04/2023 14:40:00	5.36	13,458.46	35.34	99.12
05/04/2023 14:45:00	3.07	13,435.57	36.55	99.10
05/04/2023 14:50:00	3.18	13,923.86	35.48	99.10
05/04/2023 14:55:00	2.72	13,763.64	34.87	99.09
05/04/2023 15:00:00	2.32	13,435.57	36.39	99.10
05/04/2023 15:05:00	3.04	12,672.62	35.92	99.08
05/04/2023 15:10:00	2.11	13,923.86	35.92	99.08
05/04/2023 15:15:00	2.11	14,068.82	35.77	99.08
05/04/2023 15:20:00	2.16	14,068.82	35.45	99.08
05/04/2023 15:25:00	1.67	13,298.24	35.61	99.07
05/04/2023 15:30:00	2.30	13,603.42	35.15	99.07
05/04/2023 15:35:00	2.27	13,458.46	35.15	99.06
05/04/2023 15:40:00	1.85	14,831.77	34.87	99.06
05/04/2023 15:45:00	2.62	12,855.73	35.94	99.05
05/04/2023 15:50:00	2.16	13,160.91	36.08	99.05
05/04/2023 15:55:00	2.11	13,138.02	35.92	99.05
05/04/2023 16:00:00	2.07	0.00	35.92	99.05
05/04/2023 16:05:00	2.34	12,855.73	35.15	99.05
05/04/2023 16:10:00	2.02	14,366.37	35.17	99.05
05/04/2023 16:15:00	2.14	14,038.30	34.68	99.04
05/04/2023 16:20:00	2.18	0.00	34.55	99.04
05/04/2023 16:25:00	2.27	14,038.30	36.08	99.02

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)
05/04/2023 16:30:00	2.37	14,068.82	35.77	99.02
05/04/2023 16:35:00	2.49	13,900.97	35.77	99.03
05/04/2023 16:40:00	1.98	13,763.64	35.15	99.01
05/04/2023 16:45:00	2.25	13,626.31	34.99	99.02
05/04/2023 16:50:00	2.39	13,603.42	34.71	99.02
05/04/2023 16:55:00	2.56	12,695.51	36.06	99.01
05/04/2023 17:00:00	2.00	13,458.46	35.32	99.02
05/04/2023 17:05:00	2.67	13,138.02	34.87	99.04
05/04/2023 17:10:00	2.51	13,900.97	34.24	99.04
05/04/2023 17:15:00	2.25	14,038.30	35.61	99.05
05/04/2023 17:20:00	2.62	12,695.51	35.29	99.05
05/04/2023 17:25:00	2.27	12,695.51	34.85	99.05
05/04/2023 17:30:00	1.88	12,672.62	34.24	99.05
05/04/2023 17:35:00	2.62	13,603.42	35.01	99.08
05/04/2023 17:40:00	2.56	14,671.55	34.68	99.09
05/04/2023 17:45:00	2.58	0.00	33.92	99.09
05/04/2023 17:50:00	2.37	14,206.15	35.48	99.08
05/04/2023 17:55:00	2.43	14,923.32	34.68	99.11
05/04/2023 18:00:00	2.41	15,411.61	35.61	99.11
05/04/2023 18:05:00	2.39	0.00	34.99	99.11
05/04/2023 18:10:00	2.67	14,831.77	33.94	99.12
05/04/2023 18:15:00	2.85	14,526.59	34.73	99.12
05/04/2023 18:20:00	3.18	14,366.37	33.64	99.14
05/04/2023 18:25:00	2.72	13,435.57	34.08	99.14
05/04/2023 18:30:00	2.16	12,855.73	35.15	99.17
05/04/2023 18:35:00	2.18	13,763.64	34.10	99.17
05/04/2023 18:40:00	2.58	15,136.95	33.34	99.19
05/04/2023 18:45:00	3.07	14,671.55	33.64	99.18
05/04/2023 18:50:00	2.92	15,136.95	34.41	99.20
05/04/2023 18:55:00	3.04	14,526.59	33.50	99.20
05/04/2023 19:00:00	2.23	14,229.04	34.10	99.21
05/04/2023 19:05:00	3.14	14,526.59	34.57	99.24
05/04/2023 19:10:00	2.78	13,626.31	33.20	99.23
05/04/2023 19:15:00	2.62	15,457.39	33.83	99.26
05/04/2023 19:20:00	3.11	14,557.11	32.73	99.25
05/04/2023 19:25:00	2.98	14,526.59	32.90	99.26
05/04/2023 19:30:00	2.94	0.00	34.10	99.26
05/04/2023 19:35:00	3.14	15,297.17	32.90	99.26
05/04/2023 19:40:00	3.00	14,068.82	33.48	99.29
05/04/2023 19:45:00	3.49	15,602.35	33.97	99.29
05/04/2023 19:50:00	3.00	0.00	33.36	99.30
05/04/2023 19:55:00	2.67	14,251.93	32.13	99.30
05/04/2023 20:00:00	3.18	13,344.01	32.29	99.30
05/04/2023 20:05:00	3.00	14,854.66	32.13	99.32
05/04/2023 20:10:00	3.25	12,550.55	32.59	99.32
05/04/2023 20:15:00	2.98	15,022.51	32.92	99.34
05/04/2023 20:20:00	2.65	13,321.13	32.59	99.34
05/04/2023 20:25:00	2.83	15,182.73	32.31	99.34
05/04/2023 20:30:00	3.00	15,297.17	32.46	99.33
05/04/2023 20:35:00	3.27	13,946.75	32.15	99.35
05/04/2023 20:40:00	3.14	13,672.08	31.69	99.37
05/04/2023 20:45:00	3.16	13,481.35	31.69	99.38
05/04/2023 20:50:00	3.16	13,786.53	32.46	99.40

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)
05/04/2023 20:55:00	3.25	13,481.35	32.29	99.40
05/04/2023 21:00:00	2.60	14,251.93	31.69	99.40
05/04/2023 21:05:00	3.39	13,038.83	32.15	99.42
05/04/2023 21:10:00	2.56	12,275.88	31.85	99.41
05/04/2023 21:15:00	2.46	0.00	31.85	99.41
05/04/2023 21:20:00	3.04	12,603.95	31.55	99.42
05/04/2023 21:25:00	3.32	12,436.10	31.55	99.41
05/04/2023 21:30:00	2.56	14,114.60	31.55	99.45
05/04/2023 21:35:00	2.46	0.00	31.85	99.44
05/04/2023 21:40:00	3.11	12,436.10	31.08	99.45
05/04/2023 21:45:00	2.78	12,573.43	31.69	99.45
05/04/2023 21:50:00	3.14	12,764.17	31.41	99.46
05/04/2023 21:55:00	3.30	11,970.70	31.55	99.47
05/04/2023 22:00:00	2.41	13,183.79	31.08	99.46
05/04/2023 22:05:00	2.53	14,251.93	31.53	99.45
05/04/2023 22:10:00	3.39	13,504.23	31.55	99.48
05/04/2023 22:15:00	2.72	11,596.86	31.39	99.46
05/04/2023 22:20:00	13.18	83,665.22	33.97	99.49
05/04/2023 22:25:00	17.32	179,011.22	41.45	99.41
05/04/2023 22:30:00	23.78	165,568.02	45.56	99.41
05/04/2023 22:35:00	26.69	154,451.81	46.89	99.46
05/04/2023 22:40:00	27.78	157,991.91	48.91	99.52
05/04/2023 22:45:00	27.38	142,153.05	52.61	99.51
05/04/2023 22:50:00	29.94	148,035.41	53.82	99.52
05/04/2023 22:55:00	31.82	151,247.44	54.89	99.47
05/04/2023 23:00:00	31.47	0.00	55.05	99.54
05/04/2023 23:05:00	36.68	151,102.45	56.89	99.59
05/04/2023 23:10:00	32.03	152,780.95	57.19	99.54
05/04/2023 23:15:00	30.20	146,364.55	58.43	99.52
05/04/2023 23:20:00	32.57	0.00	58.40	99.58
05/04/2023 23:25:00	36.66	153,498.12	58.56	99.54
05/04/2023 23:30:00	33.06	148,966.20	60.10	99.60
05/04/2023 23:35:00	35.55	150,339.52	60.85	99.54
05/04/2023 23:40:00	35.03	139,337.77	60.38	99.59
05/04/2023 23:45:00	34.42	138,574.81	61.61	99.57
05/04/2023 23:50:00	33.52	152,452.89	62.19	99.57
05/04/2023 23:55:00	39.31	161,593.05	62.05	99.52