



## 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: 21/04/2023

Tới: 21/04/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm <sup>3</sup> )	Flow (m <sup>3</sup> /h)	Temp (°C)	P (kPa)
21/04/2023 00:00:00	2.39	10,765.24	30.78	98.94
21/04/2023 00:05:00	2.65	10,765.24	30.48	98.94
21/04/2023 00:10:00	2.74	10,154.88	31.11	98.93
21/04/2023 00:15:00	2.58	12,275.88	30.64	98.93
21/04/2023 00:20:00	2.53	11,673.15	30.48	98.93
21/04/2023 00:25:00	2.20	11,833.37	30.50	98.94
21/04/2023 00:30:00	2.20	10,902.57	30.33	98.94
21/04/2023 00:35:00	2.30	9,697.11	30.80	98.95
21/04/2023 00:40:00	2.43	11,673.15	30.64	98.95
21/04/2023 00:45:00	2.27	9,857.33	30.33	98.95
21/04/2023 00:50:00	2.49	10,902.57	30.64	98.95
21/04/2023 00:55:00	2.07	11,367.97	30.64	98.94
21/04/2023 01:00:00	1.90	11,230.64	30.50	98.94
21/04/2023 01:05:00	1.72	11,390.86	30.64	98.94
21/04/2023 01:10:00	2.20	11,833.37	30.48	98.92
21/04/2023 01:15:00	1.74	12,901.50	30.78	98.92
21/04/2023 01:20:00	3.16	11,367.97	30.80	98.92
21/04/2023 01:25:00	2.74	11,062.79	30.33	98.92
21/04/2023 01:30:00	2.37	10,299.84	30.48	98.93
21/04/2023 01:35:00	2.51	0.00	30.33	98.94
21/04/2023 01:40:00	2.88	10,925.46	30.31	98.94
21/04/2023 01:45:00	2.41	9,857.33	30.04	98.94
21/04/2023 01:50:00	2.14	11,062.79	30.17	98.93
21/04/2023 01:55:00	3.09	9,086.75	30.48	98.91
21/04/2023 02:00:00	2.39	11,367.97	30.04	98.91
21/04/2023 02:05:00	2.34	0.00	30.04	98.91
21/04/2023 02:10:00	2.09	9,086.75	30.33	98.92
21/04/2023 02:15:00	2.18	9,834.44	30.17	98.91
21/04/2023 02:20:00	1.98	10,902.57	29.85	98.90
21/04/2023 02:25:00	2.34	10,460.06	30.48	98.91
21/04/2023 02:30:00	2.76	0.00	30.48	98.90
21/04/2023 02:35:00	2.43	9,994.66	30.50	98.89
21/04/2023 02:40:00	2.62	10,505.84	30.50	98.90
21/04/2023 02:45:00	2.20	9,666.59	29.87	98.89
21/04/2023 02:50:00	2.49	10,299.84	29.87	98.89
21/04/2023 02:55:00	2.11	10,131.99	30.17	98.89
21/04/2023 03:00:00	2.34	9,529.26	29.55	98.89
21/04/2023 03:05:00	2.41	9,254.60	30.01	98.90
21/04/2023 03:10:00	2.49	10,765.24	29.73	98.89

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)
21/04/2023 03:15:00	2.09	9,552.15	30.33	98.89
21/04/2023 03:20:00	2.39	0.00	30.20	98.89
21/04/2023 03:25:00	2.23	9,391.93	30.17	98.90
21/04/2023 03:30:00	2.58	10,460.06	29.43	98.91
21/04/2023 03:35:00	2.58	9,857.33	29.43	98.91
21/04/2023 03:40:00	2.49	10,460.06	29.89	98.90
21/04/2023 03:45:00	2.88	10,322.73	29.43	98.90
21/04/2023 03:50:00	2.20	0.00	30.04	98.88
21/04/2023 03:55:00	2.16	9,720.00	30.20	98.89
21/04/2023 04:00:00	2.16	0.00	30.04	98.89
21/04/2023 04:05:00	1.98	9,552.15	29.73	98.91
21/04/2023 04:10:00	2.46	9,277.49	30.04	98.92
21/04/2023 04:15:00	2.37	0.00	30.20	98.94
21/04/2023 04:20:00	2.34	0.00	29.29	98.94
21/04/2023 04:25:00	2.14	0.00	30.04	98.96
21/04/2023 04:30:00	2.81	9,834.44	29.43	98.95
21/04/2023 04:35:00	2.58	8,949.42	29.76	98.96
21/04/2023 04:40:00	2.72	740.06	29.71	98.95
21/04/2023 04:45:00	2.04	0.00	29.76	98.94
21/04/2023 04:50:00	2.11	8,789.20	29.87	98.96
21/04/2023 04:55:00	2.39	0.00	29.73	98.96
21/04/2023 05:00:00	2.25	0.00	29.76	98.96
21/04/2023 05:05:00	2.39	0.00	29.43	98.97
21/04/2023 05:10:00	2.18	0.00	29.13	98.99
21/04/2023 05:15:00	2.00	0.00	29.73	99.00
21/04/2023 05:20:00	2.20	0.00	29.73	98.99
21/04/2023 05:25:00	2.69	9,109.64	29.46	99.01
21/04/2023 05:30:00	2.37	0.00	28.99	99.00
21/04/2023 05:35:00	2.18	0.00	28.99	99.02
21/04/2023 05:40:00	1.98	0.00	29.43	99.01
21/04/2023 05:45:00	2.51	0.00	29.13	99.01
21/04/2023 05:50:00	2.62	0.00	29.29	99.04
21/04/2023 05:55:00	2.25	0.00	28.82	99.05
21/04/2023 06:00:00	2.53	10,345.62	29.76	99.08
21/04/2023 06:05:00	2.69	0.00	29.43	99.07
21/04/2023 06:10:00	1.98	0.00	29.13	99.07
21/04/2023 06:15:00	2.25	0.00	28.97	99.07
21/04/2023 06:20:00	2.34	0.00	28.82	99.08
21/04/2023 06:25:00	2.07	0.00	29.29	99.08
21/04/2023 06:30:00	2.39	0.00	29.15	99.08
21/04/2023 06:35:00	2.69	0.00	28.85	99.08
21/04/2023 06:40:00	2.69	0.00	28.69	99.08
21/04/2023 06:45:00	1.85	0.00	28.82	99.08
21/04/2023 06:50:00	2.39	0.00	29.11	99.11
21/04/2023 06:55:00	2.39	0.00	28.97	99.10
21/04/2023 07:00:00	2.25	0.00	28.97	99.11
21/04/2023 07:05:00	2.07	0.00	28.97	99.11
21/04/2023 07:10:00	2.27	0.00	28.99	99.11
21/04/2023 07:15:00	2.32	0.00	28.66	99.13
21/04/2023 07:20:00	2.30	0.00	28.66	99.14
21/04/2023 07:25:00	2.20	0.00	28.82	99.16
21/04/2023 07:30:00	1.92	0.00	28.66	99.17
21/04/2023 07:35:00	2.20	0.00	28.82	99.17

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)
21/04/2023 07:40:00	1.92	0.00	28.69	99.17
21/04/2023 07:45:00	2.51	0.00	29.15	99.17
21/04/2023 07:50:00	2.65	0.00	28.66	99.17
21/04/2023 07:55:00	1.88	0.00	29.27	99.18
21/04/2023 08:00:00	1.90	0.00	28.82	99.17
21/04/2023 08:05:00	2.32	0.00	29.46	99.19
21/04/2023 08:10:00	1.88	0.00	29.59	99.20
21/04/2023 08:15:00	2.07	0.00	28.99	99.19
21/04/2023 08:20:00	1.74	0.00	28.85	99.17
21/04/2023 08:25:00	1.51	0.00	29.13	99.20
21/04/2023 08:30:00	2.04	0.00	29.15	99.22
21/04/2023 08:35:00	2.27	0.00	28.85	99.21
21/04/2023 08:40:00	1.72	0.00	29.46	99.21
21/04/2023 08:45:00	1.58	0.00	28.82	99.23
21/04/2023 08:50:00	2.02	0.00	28.99	99.23
21/04/2023 08:55:00	1.65	0.00	28.82	99.21
21/04/2023 09:00:00	1.98	0.00	28.80	99.25
21/04/2023 09:05:00	2.04	0.00	29.43	99.25
21/04/2023 09:10:00	1.83	0.00	29.59	99.26
21/04/2023 09:15:00	1.67	0.00	28.97	99.25
21/04/2023 09:20:00	2.11	0.00	29.15	99.25
21/04/2023 09:25:00	1.51	0.00	28.97	99.23
21/04/2023 09:30:00	1.92	0.00	28.99	99.25
21/04/2023 09:35:00	1.56	0.00	28.97	99.24
21/04/2023 09:40:00	2.07	0.00	29.43	99.25
21/04/2023 09:45:00	3.00	0.00	29.43	99.26
21/04/2023 09:50:00	3.36	0.00	29.43	99.26
21/04/2023 09:55:00	6.53	0.00	29.73	99.27
21/04/2023 10:00:00	6.04	0.00	30.04	99.25
21/04/2023 10:05:00	6.27	0.00	29.73	99.25
21/04/2023 10:10:00	6.74	0.00	29.43	99.25
21/04/2023 10:15:00	6.76	0.00	29.73	99.23
21/04/2023 10:20:00	3.78	0.00	29.73	99.23
21/04/2023 10:25:00	1.98	0.00	29.59	99.23
21/04/2023 10:30:00	2.67	0.00	30.22	99.22
21/04/2023 10:35:00	2.56	0.00	29.43	99.20
21/04/2023 10:40:00	2.65	0.00	29.89	99.20
21/04/2023 10:45:00	1.92	0.00	30.22	99.21
21/04/2023 10:50:00	2.78	0.00	29.57	99.20
21/04/2023 10:55:00	2.11	0.00	30.36	99.20
21/04/2023 11:00:00	1.43	0.00	30.17	99.17
21/04/2023 11:05:00	1.60	0.00	30.20	99.18
21/04/2023 11:10:00	1.63	0.00	30.20	99.17
21/04/2023 11:15:00	1.60	0.00	29.73	99.17
21/04/2023 11:20:00	2.09	0.00	30.50	99.17
21/04/2023 11:25:00	1.51	0.00	29.89	99.17
21/04/2023 11:30:00	1.46	0.00	30.36	99.17
21/04/2023 11:35:00	2.00	0.00	30.33	99.16
21/04/2023 11:40:00	1.58	0.00	29.89	99.17
21/04/2023 11:45:00	1.27	0.00	30.31	99.16
21/04/2023 11:50:00	1.37	0.00	29.71	99.15
21/04/2023 11:55:00	1.49	0.00	30.33	99.14
21/04/2023 12:00:00	2.04	0.00	30.33	99.13

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)
21/04/2023 12:05:00	2.11	0.00	30.20	99.14
21/04/2023 12:10:00	1.43	0.00	30.80	99.11
21/04/2023 12:15:00	1.43	0.00	30.48	99.11
21/04/2023 12:20:00	1.49	0.00	30.95	99.08
21/04/2023 12:25:00	1.39	0.00	30.78	99.08
21/04/2023 12:30:00	1.27	0.00	30.95	99.05
21/04/2023 12:35:00	1.46	0.00	30.64	99.06
21/04/2023 12:40:00	1.74	0.00	30.17	99.04
21/04/2023 12:45:00	1.37	0.00	30.69	99.02
21/04/2023 12:50:00	1.46	0.00	30.64	99.01
21/04/2023 12:55:00	1.25	0.00	30.62	99.02
21/04/2023 13:00:00	1.43	0.00	30.64	99.00
21/04/2023 13:05:00	1.30	0.00	30.78	99.00
21/04/2023 13:10:00	1.39	0.00	30.48	98.98
21/04/2023 13:15:00	1.43	0.00	31.24	98.96
21/04/2023 13:20:00	1.46	0.00	31.22	98.96
21/04/2023 13:25:00	1.32	0.00	30.50	98.97
21/04/2023 13:30:00	1.43	0.00	31.08	98.95
21/04/2023 13:35:00	1.25	0.00	30.78	98.93
21/04/2023 13:40:00	1.58	0.00	30.62	98.93
21/04/2023 13:45:00	1.25	0.00	31.06	98.91
21/04/2023 13:50:00	1.34	0.00	30.78	98.89
21/04/2023 13:55:00	1.27	0.00	31.55	98.88
21/04/2023 14:00:00	1.43	0.00	31.08	98.87
21/04/2023 14:05:00	1.46	0.00	30.92	98.86
21/04/2023 14:10:00	1.65	0.00	31.39	98.85
21/04/2023 14:15:00	1.46	0.00	31.08	98.85
21/04/2023 14:20:00	1.27	0.00	31.55	98.85
21/04/2023 14:25:00	1.49	0.00	31.41	98.83
21/04/2023 14:30:00	1.53	0.00	31.22	98.80
21/04/2023 14:35:00	1.67	0.00	31.66	98.79
21/04/2023 14:40:00	1.58	0.00	31.24	98.79
21/04/2023 14:45:00	1.43	0.00	31.80	98.78
21/04/2023 14:50:00	1.41	0.00	31.08	98.76
21/04/2023 14:55:00	1.49	0.00	31.53	98.76
21/04/2023 15:00:00	1.34	0.00	31.22	98.76
21/04/2023 15:05:00	1.37	0.00	31.36	98.76
21/04/2023 15:10:00	1.51	0.00	31.20	98.76
21/04/2023 15:15:00	1.37	9,834.44	31.82	98.76
21/04/2023 15:20:00	1.34	0.00	31.20	98.75
21/04/2023 15:25:00	1.58	0.00	31.36	98.74
21/04/2023 15:30:00	1.25	9,040.97	31.97	98.73
21/04/2023 15:35:00	1.49	0.00	31.82	98.73
21/04/2023 15:40:00	1.23	0.00	32.13	98.72
21/04/2023 15:45:00	1.16	8,743.42	31.97	98.73
21/04/2023 15:50:00	1.34	8,903.64	32.13	98.73
21/04/2023 15:55:00	1.25	9,208.82	31.85	98.73
21/04/2023 16:00:00	1.09	10,109.10	31.53	98.73
21/04/2023 16:05:00	1.18	9,369.04	32.13	98.73
21/04/2023 16:10:00	1.02	9,506.37	31.36	98.71
21/04/2023 16:15:00	1.21	9,697.11	31.53	98.71
21/04/2023 16:20:00	1.27	9,643.70	32.13	98.70
21/04/2023 16:25:00	1.21	10,109.10	31.97	98.70

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)
21/04/2023 16:30:00	1.32	9,948.88	31.33	98.70
21/04/2023 16:35:00	1.14	9,040.97	31.36	98.71
21/04/2023 16:40:00	1.30	9,643.70	31.50	98.70
21/04/2023 16:45:00	1.32	9,346.15	31.36	98.68
21/04/2023 16:50:00	1.05	9,666.59	31.36	98.68
21/04/2023 16:55:00	1.16	10,719.46	32.13	98.66
21/04/2023 17:00:00	1.21	9,788.66	31.20	98.67
21/04/2023 17:05:00	1.16	9,483.48	31.99	98.70
21/04/2023 17:10:00	1.16	9,643.70	31.66	98.68
21/04/2023 17:15:00	1.14	9,040.97	31.99	98.70
21/04/2023 17:20:00	1.32	0.00	31.66	98.70
21/04/2023 17:25:00	1.49	9,369.04	31.22	98.71
21/04/2023 17:30:00	1.32	9,346.15	31.80	98.71
21/04/2023 17:35:00	1.30	9,811.55	31.66	98.71
21/04/2023 17:40:00	1.51	9,834.44	31.36	98.73
21/04/2023 17:45:00	1.27	9,811.55	31.97	98.73
21/04/2023 17:50:00	1.39	9,040.97	31.20	98.72
21/04/2023 17:55:00	1.32	9,643.70	31.50	98.71
21/04/2023 18:00:00	1.39	9,506.37	31.50	98.72
21/04/2023 18:05:00	1.43	9,788.66	31.06	98.72
21/04/2023 18:10:00	1.21	9,506.37	31.53	98.73
21/04/2023 18:15:00	1.23	9,346.15	31.80	98.73
21/04/2023 18:20:00	1.43	10,276.95	31.06	98.73
21/04/2023 18:25:00	1.23	10,719.46	31.06	98.72
21/04/2023 18:30:00	1.37	10,437.17	31.53	98.73
21/04/2023 18:35:00	1.41	9,666.59	31.50	98.76
21/04/2023 18:40:00	1.46	9,506.37	31.22	98.76
21/04/2023 18:45:00	1.25	9,643.70	31.06	98.76
21/04/2023 18:50:00	1.53	10,109.10	31.06	98.76
21/04/2023 18:55:00	1.32	9,040.97	30.92	98.76
21/04/2023 19:00:00	1.51	10,574.50	31.53	98.79
21/04/2023 19:05:00	1.37	0.00	30.92	98.78
21/04/2023 19:10:00	1.37	9,483.48	31.55	98.80
21/04/2023 19:15:00	1.25	9,063.86	30.78	98.80
21/04/2023 19:20:00	1.41	9,529.26	31.22	98.80
21/04/2023 19:25:00	1.51	9,666.59	30.75	98.80
21/04/2023 19:30:00	1.37	9,529.26	31.22	98.80
21/04/2023 19:35:00	1.56	9,971.77	30.64	98.82
21/04/2023 19:40:00	1.11	10,131.99	30.64	98.82
21/04/2023 19:45:00	1.53	9,506.37	31.11	98.83
21/04/2023 19:50:00	1.34	9,063.86	30.64	98.83
21/04/2023 19:55:00	1.39	9,697.11	31.08	98.83
21/04/2023 20:00:00	1.49	10,299.84	30.92	98.84
21/04/2023 20:05:00	1.49	9,208.82	30.75	98.85
21/04/2023 20:10:00	1.51	10,299.84	31.24	98.87
21/04/2023 20:15:00	1.67	8,926.53	30.95	98.87
21/04/2023 20:20:00	1.18	9,697.11	31.08	98.88
21/04/2023 20:25:00	1.58	10,185.40	30.31	98.88
21/04/2023 20:30:00	1.46	9,063.86	30.46	98.89
21/04/2023 20:35:00	1.43	9,834.44	30.31	98.91
21/04/2023 20:40:00	1.23	10,597.39	30.62	98.91
21/04/2023 20:45:00	1.83	9,506.37	30.62	98.92
21/04/2023 20:50:00	1.67	0.00	30.31	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)
21/04/2023 20:55:00	1.58	9,063.86	30.78	98.93
21/04/2023 21:00:00	1.49	9,208.82	30.78	98.93
21/04/2023 21:05:00	1.72	9,529.26	30.01	98.96
21/04/2023 21:10:00	1.49	9,529.26	30.75	98.95
21/04/2023 21:15:00	1.43	9,529.26	30.78	98.97
21/04/2023 21:20:00	1.72	0.00	30.33	98.97
21/04/2023 21:25:00	1.43	10,154.88	30.17	99.00
21/04/2023 21:30:00	1.23	11,039.90	30.04	99.00
21/04/2023 21:35:00	1.46	10,131.99	30.01	99.01
21/04/2023 21:40:00	1.30	9,834.44	30.48	99.01
21/04/2023 21:45:00	1.32	9,063.86	30.62	99.01
21/04/2023 21:50:00	1.05	12,878.61	30.31	99.02
21/04/2023 21:55:00	1.21	10,742.35	29.85	99.05
21/04/2023 22:00:00	1.56	0.00	30.62	99.07
21/04/2023 22:05:00	1.34	9,063.86	30.33	99.08
21/04/2023 22:10:00	1.39	9,086.75	30.48	99.09
21/04/2023 22:15:00	47.96	14,877.55	29.99	99.07
21/04/2023 22:20:00	10.13	56,206.61	34.90	99.05
21/04/2023 22:25:00	12.02	135,545.89	39.31	99.08
21/04/2023 22:30:00	14.90	139,963.38	40.38	99.13
21/04/2023 22:35:00	19.41	0.00	42.36	99.17
21/04/2023 22:40:00	24.67	111,459.53	47.24	99.08
21/04/2023 22:45:00	32.66	123,620.97	49.82	99.17
21/04/2023 22:50:00	24.52	120,157.17	52.45	99.16
21/04/2023 22:55:00	23.66	111,131.46	54.75	99.22
21/04/2023 23:00:00	35.96	108,690.01	55.35	99.15
21/04/2023 23:05:00	30.08	124,086.37	57.47	99.21
21/04/2023 23:10:00	32.20	119,035.63	58.26	99.19
21/04/2023 23:15:00	38.57	118,898.30	57.17	99.17
21/04/2023 23:20:00	36.08	122,873.27	58.26	99.20
21/04/2023 23:25:00	26.83	117,364.77	57.33	99.16
21/04/2023 23:30:00	34.15	112,413.21	59.33	99.22
21/04/2023 23:35:00	32.10	123,476.01	59.47	99.25
21/04/2023 23:40:00	32.08	114,366.37	60.07	99.20
21/04/2023 23:45:00	32.96	122,270.54	59.47	99.24
21/04/2023 23:50:00	31.11	115,411.61	60.68	99.29
21/04/2023 23:55:00	38.93	128,198.67	60.07	99.26