



## 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: 10/04/2023

Tới: 10/04/2023

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)
10/04/2023 00:00:00	4.44	0.00	27.22	100.05
10/04/2023 00:05:00	6.00	0.00	26.73	100.03
10/04/2023 00:10:00	4.39	0.00	27.04	100.03
10/04/2023 00:15:00	5.09	0.00	26.73	100.03
10/04/2023 00:20:00	4.23	0.00	27.04	100.03
10/04/2023 00:25:00	4.00	0.00	26.27	100.02
10/04/2023 00:30:00	5.04	0.00	26.89	100.01
10/04/2023 00:35:00	4.90	0.00	27.06	100.01
10/04/2023 00:40:00	4.25	0.00	26.13	100.01
10/04/2023 00:45:00	3.74	0.00	26.13	99.99
10/04/2023 00:50:00	3.60	0.00	26.13	99.98
10/04/2023 00:55:00	5.11	0.00	26.60	99.97
10/04/2023 01:00:00	4.62	0.00	26.45	99.97
10/04/2023 01:05:00	4.65	0.00	26.60	99.98
10/04/2023 01:10:00	4.62	0.00	26.15	99.97
10/04/2023 01:15:00	4.23	0.00	26.60	99.97
10/04/2023 01:20:00	3.81	0.00	26.15	99.96
10/04/2023 01:25:00	5.09	0.00	26.13	99.96
10/04/2023 01:30:00	3.34	0.00	26.45	99.94
10/04/2023 01:35:00	3.95	0.00	25.53	99.93
10/04/2023 01:40:00	4.58	0.00	25.83	99.93
10/04/2023 01:45:00	3.97	0.00	25.69	99.93
10/04/2023 01:50:00	4.88	0.00	26.15	99.93
10/04/2023 01:55:00	3.97	0.00	25.38	99.92
10/04/2023 02:00:00	4.11	0.00	25.53	99.90
10/04/2023 02:05:00	4.67	0.00	25.38	99.91
10/04/2023 02:10:00	4.81	0.00	25.69	99.91
10/04/2023 02:15:00	67.93	0.00	25.38	99.84
10/04/2023 02:20:00	16.53	94,293.13	33.62	99.92
10/04/2023 02:25:00	17.27	13,580.53	37.71	99.90
10/04/2023 02:30:00	9.71	0.00	33.17	99.90
10/04/2023 02:35:00	6.78	0.00	30.57	99.90
10/04/2023 02:40:00	5.55	0.00	28.89	99.90
10/04/2023 02:45:00	7.55	0.00	28.11	99.88
10/04/2023 02:50:00	5.39	0.00	27.82	99.89
10/04/2023 02:55:00	5.41	0.00	27.06	99.87
10/04/2023 03:00:00	5.29	0.00	26.76	99.88
10/04/2023 03:05:00	4.97	0.00	26.89	99.87
10/04/2023 03:10:00	4.88	0.00	26.29	99.87

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)
10/04/2023 03:15:00	4.62	0.00	26.29	99.87
10/04/2023 03:20:00	4.55	0.00	26.60	99.87
10/04/2023 03:25:00	5.18	0.00	26.31	99.88
10/04/2023 03:30:00	4.36	0.00	25.69	99.88
10/04/2023 03:35:00	3.88	0.00	26.13	99.86
10/04/2023 03:40:00	4.53	0.00	26.29	99.86
10/04/2023 03:45:00	4.11	0.00	26.15	99.87
10/04/2023 03:50:00	4.92	0.00	25.38	99.87
10/04/2023 03:55:00	3.92	0.00	25.53	99.88
10/04/2023 04:00:00	4.81	0.00	25.20	99.87
10/04/2023 04:05:00	4.04	0.00	25.67	99.86
10/04/2023 04:10:00	4.51	0.00	25.69	99.89
10/04/2023 04:15:00	4.60	0.00	25.09	99.90
10/04/2023 04:20:00	3.95	0.00	25.85	99.90
10/04/2023 04:25:00	4.20	0.00	25.71	99.92
10/04/2023 04:30:00	3.65	0.00	25.09	99.92
10/04/2023 04:35:00	3.83	0.00	24.92	99.90
10/04/2023 04:40:00	4.02	0.00	25.69	99.90
10/04/2023 04:45:00	3.83	0.00	24.78	99.91
10/04/2023 04:50:00	4.62	0.00	24.62	99.91
10/04/2023 04:55:00	3.65	0.00	25.25	99.92
10/04/2023 05:00:00	3.67	0.00	25.11	99.91
10/04/2023 05:05:00	4.60	0.00	25.22	99.90
10/04/2023 05:10:00	4.25	0.00	25.25	99.91
10/04/2023 05:15:00	4.04	0.00	24.64	99.92
10/04/2023 05:20:00	3.78	0.00	24.78	99.92
10/04/2023 05:25:00	3.88	0.00	25.25	99.93
10/04/2023 05:30:00	4.04	0.00	25.25	99.94
10/04/2023 05:35:00	3.46	0.00	24.78	99.94
10/04/2023 05:40:00	3.43	0.00	24.94	99.95
10/04/2023 05:45:00	3.62	0.00	24.92	99.96
10/04/2023 05:50:00	2.98	0.00	24.94	99.96
10/04/2023 05:55:00	3.97	0.00	24.64	99.97
10/04/2023 06:00:00	2.98	0.00	25.11	99.98
10/04/2023 06:05:00	3.36	0.00	24.50	99.98
10/04/2023 06:10:00	3.39	0.00	24.92	99.98
10/04/2023 06:15:00	3.09	0.00	24.45	99.98
10/04/2023 06:20:00	3.72	0.00	24.78	100.01
10/04/2023 06:25:00	4.11	0.00	24.50	100.02
10/04/2023 06:30:00	3.90	0.00	24.18	100.01
10/04/2023 06:35:00	3.36	0.00	24.78	100.02
10/04/2023 06:40:00	3.53	0.00	24.34	100.01
10/04/2023 06:45:00	3.41	0.00	24.18	100.04
10/04/2023 06:50:00	2.92	0.00	24.64	100.04
10/04/2023 06:55:00	3.16	0.00	24.04	100.03
10/04/2023 07:00:00	3.34	0.00	24.64	100.05
10/04/2023 07:05:00	3.09	0.00	24.32	100.06
10/04/2023 07:10:00	3.11	0.00	24.48	100.07
10/04/2023 07:15:00	3.11	0.00	24.64	100.07
10/04/2023 07:20:00	3.62	0.00	24.04	100.08
10/04/2023 07:25:00	3.39	0.00	24.32	100.08
10/04/2023 07:30:00	2.72	0.00	23.85	100.08
10/04/2023 07:35:00	3.11	0.00	24.34	100.11

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)
10/04/2023 07:40:00	2.81	0.00	23.87	100.13
10/04/2023 07:45:00	3.60	0.00	23.69	100.12
10/04/2023 07:50:00	2.67	0.00	24.18	100.10
10/04/2023 07:55:00	2.90	0.00	24.32	100.12
10/04/2023 08:00:00	0.90	0.00	23.85	100.12
10/04/2023 08:05:00	0.79	0.00	23.71	100.13
10/04/2023 08:10:00	0.58	0.00	23.87	100.13
10/04/2023 08:15:00	0.53	0.00	24.32	100.15
10/04/2023 08:20:00	0.63	0.00	23.87	100.16
10/04/2023 08:25:00	2.74	0.00	23.71	100.17
10/04/2023 08:30:00	3.32	0.00	24.01	100.17
10/04/2023 08:35:00	2.72	0.00	24.32	100.16
10/04/2023 08:40:00	2.65	0.00	23.85	100.16
10/04/2023 08:45:00	2.25	0.00	23.55	100.16
10/04/2023 08:50:00	3.09	0.00	24.18	100.16
10/04/2023 08:55:00	2.53	0.00	24.18	100.17
10/04/2023 09:00:00	3.34	0.00	24.01	100.16
10/04/2023 09:05:00	41.21	0.00	24.01	100.16
10/04/2023 09:10:00	48.12	0.00	23.55	100.16
10/04/2023 09:15:00	49.77	0.00	23.38	100.16
10/04/2023 09:20:00	42.61	0.00	24.32	100.17
10/04/2023 09:25:00	9.67	0.00	23.41	100.16
10/04/2023 09:30:00	11.69	0.00	23.71	100.16
10/04/2023 09:35:00	3.81	0.00	24.32	100.16
10/04/2023 09:40:00	3.09	0.00	23.55	100.13
10/04/2023 09:45:00	2.78	0.00	23.69	100.14
10/04/2023 09:50:00	2.90	0.00	23.55	100.13
10/04/2023 09:55:00	2.60	0.00	23.71	100.13
10/04/2023 10:00:00	25.31	0.00	23.55	100.13
10/04/2023 10:05:00	10.22	0.00	23.87	100.12
10/04/2023 10:10:00	29.34	0.00	23.71	100.13
10/04/2023 10:15:00	26.31	0.00	23.71	100.13
10/04/2023 10:20:00	30.50	0.00	24.01	100.13
10/04/2023 10:25:00	4.55	0.00	24.32	100.13
10/04/2023 10:30:00	2.49	0.00	24.48	100.13
10/04/2023 10:35:00	2.25	0.00	24.18	100.11
10/04/2023 10:40:00	1.67	0.00	24.48	100.10
10/04/2023 10:45:00	1.51	0.00	23.71	100.09
10/04/2023 10:50:00	2.27	0.00	24.32	100.10
10/04/2023 10:55:00	2.18	0.00	23.71	100.10
10/04/2023 11:00:00	1.65	0.00	24.32	100.10
10/04/2023 11:05:00	1.67	0.00	23.74	100.08
10/04/2023 11:10:00	1.88	0.00	23.85	100.08
10/04/2023 11:15:00	1.83	0.00	24.34	100.07
10/04/2023 11:20:00	1.63	0.00	24.32	100.07
10/04/2023 11:25:00	1.85	0.00	24.20	100.06
10/04/2023 11:30:00	1.65	0.00	24.50	100.05
10/04/2023 11:35:00	1.76	0.00	23.99	100.02
10/04/2023 11:40:00	1.63	0.00	24.45	100.02
10/04/2023 11:45:00	1.67	0.00	23.69	100.01
10/04/2023 11:50:00	1.88	0.00	24.16	99.97
10/04/2023 11:55:00	2.11	0.00	24.48	99.97
10/04/2023 12:00:00	1.60	0.00	24.32	99.97

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)
10/04/2023 12:05:00	1.81	0.00	24.16	99.96
10/04/2023 12:10:00	1.83	0.00	24.01	99.93
10/04/2023 12:15:00	1.95	0.00	24.45	99.93
10/04/2023 12:20:00	1.67	0.00	23.85	99.90
10/04/2023 12:25:00	2.04	0.00	24.01	99.92
10/04/2023 12:30:00	1.11	0.00	24.32	99.90
10/04/2023 12:35:00	1.88	0.00	24.32	99.90
10/04/2023 12:40:00	1.56	0.00	24.48	99.88
10/04/2023 12:45:00	1.67	0.00	24.01	99.88
10/04/2023 12:50:00	1.63	0.00	24.60	99.85
10/04/2023 12:55:00	1.69	0.00	24.62	99.84
10/04/2023 13:00:00	1.63	0.00	24.16	99.84
10/04/2023 13:05:00	1.74	0.00	24.62	99.81
10/04/2023 13:10:00	1.41	0.00	23.85	99.81
10/04/2023 13:15:00	1.60	0.00	23.99	99.78
10/04/2023 13:20:00	1.65	0.00	24.45	99.78
10/04/2023 13:25:00	1.14	0.00	24.45	99.77
10/04/2023 13:30:00	1.60	0.00	24.76	99.74
10/04/2023 13:35:00	1.32	0.00	23.99	99.73
10/04/2023 13:40:00	1.21	0.00	24.29	99.73
10/04/2023 13:45:00	1.16	0.00	24.45	99.73
10/04/2023 13:50:00	1.69	0.00	24.78	99.71
10/04/2023 13:55:00	1.21	0.00	24.78	99.69
10/04/2023 14:00:00	2.07	0.00	24.16	99.68
10/04/2023 14:05:00	1.72	0.00	24.62	99.67
10/04/2023 14:10:00	1.05	0.00	24.29	99.66
10/04/2023 14:15:00	1.25	0.00	24.32	99.65
10/04/2023 14:20:00	2.07	0.00	24.60	99.65
10/04/2023 14:25:00	1.56	0.00	24.36	99.64
10/04/2023 14:30:00	1.46	0.00	24.92	99.63
10/04/2023 14:35:00	1.65	0.00	24.92	99.61
10/04/2023 14:40:00	20.66	0.00	24.78	99.61
10/04/2023 14:45:00	48.72	0.00	24.48	99.61
10/04/2023 14:50:00	17.66	0.00	24.01	99.60
10/04/2023 14:55:00	10.64	0.00	24.62	99.60
10/04/2023 15:00:00	2.60	0.00	24.62	99.60
10/04/2023 15:05:00	2.51	0.00	24.18	99.59
10/04/2023 15:10:00	1.32	0.00	24.60	99.57
10/04/2023 15:15:00	1.37	0.00	24.92	99.58
10/04/2023 15:20:00	1.49	0.00	24.76	99.54
10/04/2023 15:25:00	1.58	0.00	24.78	99.57
10/04/2023 15:30:00	1.79	0.00	24.78	99.55
10/04/2023 15:35:00	1.21	0.00	24.76	99.55
10/04/2023 15:40:00	43.37	0.00	25.09	99.53
10/04/2023 15:45:00	5.16	0.00	24.16	99.52
10/04/2023 15:50:00	2.39	0.00	24.45	99.52
10/04/2023 15:55:00	1.65	0.00	24.78	99.52
10/04/2023 16:00:00	1.60	0.00	24.62	99.52
10/04/2023 16:05:00	1.63	0.00	24.29	99.51
10/04/2023 16:10:00	1.41	0.00	24.16	99.50
10/04/2023 16:15:00	2.02	0.00	24.62	99.51
10/04/2023 16:20:00	1.83	0.00	24.92	99.49
10/04/2023 16:25:00	1.63	0.00	24.16	99.49

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)
10/04/2023 16:30:00	1.02	0.00	24.78	99.49
10/04/2023 16:35:00	1.30	0.00	24.48	99.48
10/04/2023 16:40:00	1.74	0.00	24.60	99.47
10/04/2023 16:45:00	1.63	0.00	24.45	99.47
10/04/2023 16:50:00	1.58	0.00	24.45	99.47
10/04/2023 16:55:00	1.49	0.00	24.78	99.48
10/04/2023 17:00:00	1.58	0.00	24.92	99.49
10/04/2023 17:05:00	1.37	0.00	24.16	99.49
10/04/2023 17:10:00	1.60	0.00	24.18	99.49
10/04/2023 17:15:00	1.51	0.00	24.64	99.49
10/04/2023 17:20:00	1.76	0.00	24.62	99.49
10/04/2023 17:25:00	1.30	0.00	24.16	99.48
10/04/2023 17:30:00	1.85	0.00	24.16	99.49
10/04/2023 17:35:00	1.92	0.00	24.16	99.49
10/04/2023 17:40:00	1.85	0.00	24.94	99.50
10/04/2023 17:45:00	1.51	0.00	24.92	99.51
10/04/2023 17:50:00	1.83	0.00	24.78	99.52
10/04/2023 17:55:00	1.46	0.00	24.45	99.51
10/04/2023 18:00:00	1.98	0.00	24.60	99.52
10/04/2023 18:05:00	1.67	0.00	24.16	99.52
10/04/2023 18:10:00	1.74	0.00	24.16	99.54
10/04/2023 18:15:00	1.95	0.00	24.01	99.55
10/04/2023 18:20:00	1.79	0.00	24.78	99.55
10/04/2023 18:25:00	2.37	0.00	24.76	99.54
10/04/2023 18:30:00	1.67	0.00	24.01	99.55
10/04/2023 18:35:00	1.83	0.00	24.16	99.54
10/04/2023 18:40:00	1.51	0.00	24.29	99.54
10/04/2023 18:45:00	1.51	0.00	24.32	99.56
10/04/2023 18:50:00	1.85	0.00	24.62	99.59
10/04/2023 18:55:00	1.51	0.00	24.48	99.59
10/04/2023 19:00:00	2.09	0.00	24.32	99.59
10/04/2023 19:05:00	1.76	0.00	24.48	99.58
10/04/2023 19:10:00	1.58	0.00	24.04	99.60
10/04/2023 19:15:00	1.65	0.00	24.16	99.61
10/04/2023 19:20:00	2.00	0.00	24.62	99.62
10/04/2023 19:25:00	1.92	0.00	24.01	99.62
10/04/2023 19:30:00	1.76	0.00	24.62	99.63
10/04/2023 19:35:00	1.95	0.00	24.62	99.63
10/04/2023 19:40:00	1.53	0.00	24.32	99.64
10/04/2023 19:45:00	2.04	0.00	24.16	99.64
10/04/2023 19:50:00	1.83	0.00	23.71	99.64
10/04/2023 19:55:00	2.11	0.00	23.87	99.65
10/04/2023 20:00:00	1.98	0.00	24.48	99.66
10/04/2023 20:05:00	1.60	0.00	24.01	99.66
10/04/2023 20:10:00	1.79	0.00	24.01	99.68
10/04/2023 20:15:00	1.69	0.00	23.74	99.69
10/04/2023 20:20:00	1.90	0.00	24.32	99.68
10/04/2023 20:25:00	2.11	0.00	24.32	99.68
10/04/2023 20:30:00	2.02	0.00	24.01	99.69
10/04/2023 20:35:00	1.69	0.00	24.01	99.70
10/04/2023 20:40:00	1.85	0.00	23.87	99.70
10/04/2023 20:45:00	1.92	0.00	24.48	99.72
10/04/2023 20:50:00	1.85	0.00	23.71	99.73

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)
10/04/2023 20:55:00	1.74	0.00	23.55	99.72
10/04/2023 21:00:00	1.74	0.00	24.48	99.72
10/04/2023 21:05:00	1.95	0.00	23.69	99.72
10/04/2023 21:10:00	1.83	0.00	24.16	99.73
10/04/2023 21:15:00	1.60	0.00	23.71	99.72
10/04/2023 21:20:00	1.88	0.00	24.48	99.73
10/04/2023 21:25:00	1.65	0.00	24.45	99.73
10/04/2023 21:30:00	1.95	0.00	24.32	99.73
10/04/2023 21:35:00	2.18	0.00	23.71	99.74
10/04/2023 21:40:00	2.27	0.00	23.99	99.74
10/04/2023 21:45:00	1.98	0.00	24.16	99.75
10/04/2023 21:50:00	2.00	0.00	23.55	99.74
10/04/2023 21:55:00	1.46	0.00	24.48	99.75
10/04/2023 22:00:00	2.02	0.00	24.34	99.75
10/04/2023 22:05:00	1.81	0.00	24.16	99.74
10/04/2023 22:10:00	1.83	0.00	24.16	99.75
10/04/2023 22:15:00	1.90	0.00	24.16	99.74
10/04/2023 22:20:00	1.83	0.00	23.69	99.74
10/04/2023 22:25:00	1.63	0.00	23.87	99.74
10/04/2023 22:30:00	1.76	0.00	24.01	99.74
10/04/2023 22:35:00	1.51	0.00	24.32	99.73
10/04/2023 22:40:00	10.78	62,111.85	28.27	99.78
10/04/2023 22:45:00	16.06	53,551.54	33.46	99.72
10/04/2023 22:50:00	16.20	51,087.21	35.13	99.69
10/04/2023 22:55:00	15.79	158,503.09	35.41	99.69
10/04/2023 23:00:00	13.44	126,756.69	35.71	99.72
10/04/2023 23:05:00	17.15	151,636.53	36.03	99.81
10/04/2023 23:10:00	20.74	143,549.25	39.38	99.74
10/04/2023 23:15:00	24.03	148,729.69	41.52	99.78
10/04/2023 23:20:00	26.71	142,038.61	42.29	99.78
10/04/2023 23:25:00	30.91	147,989.62	43.66	99.80
10/04/2023 23:30:00	26.10	150,736.25	44.10	99.84
10/04/2023 23:35:00	32.55	140,039.67	45.49	99.75
10/04/2023 23:40:00	30.64	145,387.95	46.71	99.75
10/04/2023 23:45:00	26.47	0.00	46.11	99.81
10/04/2023 23:50:00	31.49	137,598.23	47.31	99.78
10/04/2023 23:55:00	27.64	139,734.48	47.78	99.77