



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

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiền than

Thời gian báo cáo: Từ: 07/04/2023

Tới: 07/04/2023

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)
07/04/2023 00:00:00	1.23	0.00	26.72	99.85
07/04/2023 00:05:00	1.50	5,392.54	26.88	99.85
07/04/2023 00:10:00	2.85	6,555.28	27.18	99.83
07/04/2023 00:15:00	1.30	6,201.27	27.16	99.82
07/04/2023 00:20:00	2.76	0.00	27.63	99.83
07/04/2023 00:25:00	2.41	6,369.12	26.86	99.83
07/04/2023 00:30:00	1.57	0.00	27.16	99.83
07/04/2023 00:35:00	3.97	0.00	26.86	99.83
07/04/2023 00:40:00	1.92	0.00	26.56	99.83
07/04/2023 00:45:00	2.62	0.00	26.88	99.82
07/04/2023 00:50:00	2.01	0.00	27.02	99.83
07/04/2023 00:55:00	1.99	0.00	27.02	99.82
07/04/2023 01:00:00	2.43	0.00	26.56	99.82
07/04/2023 01:05:00	2.73	0.00	26.56	99.82
07/04/2023 01:10:00	1.64	0.00	26.88	99.84
07/04/2023 01:15:00	3.50	0.00	26.58	99.83
07/04/2023 01:20:00	2.53	0.00	26.72	99.83
07/04/2023 01:25:00	1.90	0.00	26.12	99.83
07/04/2023 01:30:00	2.34	0.00	26.41	99.80
07/04/2023 01:35:00	2.57	0.00	26.30	99.80
07/04/2023 01:40:00	1.62	0.00	26.58	99.82
07/04/2023 01:45:00	1.37	0.00	26.25	99.80
07/04/2023 01:50:00	1.79	0.00	26.44	99.80
07/04/2023 01:55:00	3.01	0.00	26.56	99.80
07/04/2023 02:00:00	2.55	0.00	26.09	99.79
07/04/2023 02:05:00	2.20	0.00	26.74	99.80
07/04/2023 02:10:00	1.99	0.00	26.41	99.79
07/04/2023 02:15:00	1.67	0.00	26.72	99.79
07/04/2023 02:20:00	2.32	0.00	26.12	99.77
07/04/2023 02:25:00	1.43	0.00	26.58	99.75
07/04/2023 02:30:00	1.92	0.00	26.12	99.76
07/04/2023 02:35:00	2.20	0.00	26.58	99.76
07/04/2023 02:40:00	2.41	0.00	25.83	99.76
07/04/2023 02:45:00	1.59	0.00	26.12	99.74
07/04/2023 02:50:00	1.83	0.00	26.41	99.76
07/04/2023 02:55:00	2.23	0.00	26.56	99.74
07/04/2023 03:00:00	2.15	0.00	26.41	99.74
07/04/2023 03:05:00	2.27	0.00	26.56	99.74
07/04/2023 03:10:00	2.01	0.00	25.98	99.74

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)
07/04/2023 03:15:00	1.95	5,828.95	26.46	99.75
07/04/2023 03:20:00	1.41	0.00	25.98	99.71
07/04/2023 03:25:00	1.53	0.00	25.81	99.73
07/04/2023 03:30:00	1.95	0.00	25.81	99.73
07/04/2023 03:35:00	1.53	0.00	26.12	99.75
07/04/2023 03:40:00	3.29	0.00	26.00	99.74
07/04/2023 03:45:00	1.53	0.00	26.44	99.75
07/04/2023 03:50:00	1.53	6,878.77	25.83	99.74
07/04/2023 03:55:00	2.06	0.00	26.30	99.77
07/04/2023 04:00:00	1.97	0.00	25.70	99.77
07/04/2023 04:05:00	1.27	0.00	25.83	99.77
07/04/2023 04:10:00	1.72	0.00	25.95	99.77
07/04/2023 04:15:00	1.48	0.00	25.65	99.78
07/04/2023 04:20:00	1.25	0.00	25.32	99.77
07/04/2023 04:25:00	1.46	0.00	25.35	99.78
07/04/2023 04:30:00	1.32	0.00	26.12	99.79
07/04/2023 04:35:00	1.88	0.00	25.21	99.79
07/04/2023 04:40:00	1.57	0.00	26.12	99.80
07/04/2023 04:45:00	1.37	0.00	25.79	99.80
07/04/2023 04:50:00	1.41	0.00	25.95	99.81
07/04/2023 04:55:00	0.99	0.00	25.21	99.80
07/04/2023 05:00:00	1.50	0.00	25.51	99.81
07/04/2023 05:05:00	1.59	0.00	25.35	99.81
07/04/2023 05:10:00	2.15	0.00	25.35	99.81
07/04/2023 05:15:00	1.55	0.00	25.35	99.81
07/04/2023 05:20:00	2.04	0.00	25.19	99.82
07/04/2023 05:25:00	1.01	0.00	25.35	99.83
07/04/2023 05:30:00	2.01	6,497.29	25.21	99.84
07/04/2023 05:35:00	1.37	0.00	25.21	99.86
07/04/2023 05:40:00	1.14	0.00	25.21	99.86
07/04/2023 05:45:00	1.27	0.00	25.21	99.87
07/04/2023 05:50:00	1.88	0.00	25.83	99.90
07/04/2023 05:55:00	1.88	0.00	25.05	99.90
07/04/2023 06:00:00	0.60	0.00	24.91	99.91
07/04/2023 06:05:00	0.79	0.00	25.05	99.93
07/04/2023 06:10:00	0.67	0.00	25.65	99.93
07/04/2023 06:15:00	0.81	0.00	25.67	99.94
07/04/2023 06:20:00	0.76	0.00	25.19	99.95
07/04/2023 06:25:00	0.65	0.00	25.05	99.97
07/04/2023 06:30:00	0.69	0.00	25.07	99.98
07/04/2023 06:35:00	0.63	5,700.77	24.74	99.95
07/04/2023 06:40:00	1.04	0.00	25.07	99.98
07/04/2023 06:45:00	0.69	0.00	24.88	99.99
07/04/2023 06:50:00	0.63	0.00	24.91	100.00
07/04/2023 06:55:00	0.72	0.00	25.05	100.01
07/04/2023 07:00:00	0.69	0.00	25.51	100.03
07/04/2023 07:05:00	0.58	0.00	25.35	100.02
07/04/2023 07:10:00	0.50	0.00	25.54	100.04
07/04/2023 07:15:00	0.56	0.00	24.91	100.06
07/04/2023 07:20:00	0.63	0.00	24.74	100.07
07/04/2023 07:25:00	0.48	0.00	25.37	100.10
07/04/2023 07:30:00	0.53	0.00	25.21	100.08
07/04/2023 07:35:00	0.48	0.00	25.07	100.12

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)
07/04/2023 07:40:00	0.48	0.00	25.51	100.13
07/04/2023 07:45:00	0.37	0.00	25.02	100.14
07/04/2023 07:50:00	0.41	0.00	24.74	100.16
07/04/2023 07:55:00	0.48	0.00	25.51	100.15
07/04/2023 08:00:00	0.34	0.00	24.91	100.17
07/04/2023 08:05:00	0.32	0.00	25.49	100.17
07/04/2023 08:10:00	0.27	0.00	25.07	100.18
07/04/2023 08:15:00	0.23	0.00	25.02	100.20
07/04/2023 08:20:00	0.23	0.00	24.74	100.18
07/04/2023 08:25:00	0.25	0.00	25.51	100.20
07/04/2023 08:30:00	0.21	0.00	25.21	100.20
07/04/2023 08:35:00	0.30	0.00	25.21	100.20
07/04/2023 08:40:00	0.16	0.00	24.88	100.20
07/04/2023 08:45:00	0.39	0.00	25.37	100.23
07/04/2023 08:50:00	0.39	0.00	25.23	100.23
07/04/2023 08:55:00	0.25	0.00	25.65	100.20
07/04/2023 09:00:00	0.25	0.00	25.51	100.21
07/04/2023 09:05:00	0.72	0.00	24.91	100.23
07/04/2023 09:10:00	0.18	0.00	25.51	100.20
07/04/2023 09:15:00	0.14	0.00	25.54	100.21
07/04/2023 09:20:00	0.16	0.00	24.88	100.20
07/04/2023 09:25:00	0.16	0.00	25.37	100.21
07/04/2023 09:30:00	0.14	0.00	25.07	100.23
07/04/2023 09:35:00	0.23	0.00	24.93	100.23
07/04/2023 09:40:00	0.16	0.00	25.21	100.21
07/04/2023 09:45:00	0.27	0.00	25.05	100.23
07/04/2023 09:50:00	0.11	0.00	24.88	100.21
07/04/2023 09:55:00	0.32	0.00	24.91	100.22
07/04/2023 10:00:00	0.25	0.00	25.05	100.20
07/04/2023 10:05:00	0.16	0.00	24.74	100.22
07/04/2023 10:10:00	0.16	0.00	25.35	100.21
07/04/2023 10:15:00	0.18	0.00	24.91	100.21
07/04/2023 10:20:00	0.18	0.00	24.91	100.21
07/04/2023 10:25:00	0.16	0.00	24.91	100.18
07/04/2023 10:30:00	0.18	0.00	24.74	100.20
07/04/2023 10:35:00	0.16	0.00	25.05	100.19
07/04/2023 10:40:00	0.16	0.00	25.37	100.17
07/04/2023 10:45:00	0.16	0.00	25.23	100.20
07/04/2023 10:50:00	0.21	0.00	25.21	100.19
07/04/2023 10:55:00	0.14	0.00	25.07	100.17
07/04/2023 11:00:00	0.32	0.00	25.21	100.17
07/04/2023 11:05:00	0.16	0.00	25.37	100.19
07/04/2023 11:10:00	0.16	0.00	25.21	100.17
07/04/2023 11:15:00	0.16	0.00	25.21	100.15
07/04/2023 11:20:00	0.16	0.00	25.35	100.13
07/04/2023 11:25:00	0.07	0.00	25.21	100.11
07/04/2023 11:30:00	0.05	0.00	24.74	100.12
07/04/2023 11:35:00	0.09	0.00	24.58	100.11
07/04/2023 11:40:00	0.05	0.00	25.21	100.11
07/04/2023 11:45:00	0.11	0.00	25.05	100.11
07/04/2023 11:50:00	0.07	0.00	25.35	100.09
07/04/2023 11:55:00	0.09	0.00	25.35	100.08
07/04/2023 12:00:00	0.11	0.00	25.19	100.06

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)
07/04/2023 12:05:00	0.07	0.00	25.21	100.07
07/04/2023 12:10:00	0.07	0.00	24.88	100.06
07/04/2023 12:15:00	0.05	0.00	25.21	100.06
07/04/2023 12:20:00	0.02	0.00	25.35	100.05
07/04/2023 12:25:00	0.05	0.00	25.02	100.04
07/04/2023 12:30:00	0.07	0.00	25.19	100.03
07/04/2023 12:35:00	0.07	0.00	24.74	100.03
07/04/2023 12:40:00	0.05	0.00	24.91	100.03
07/04/2023 12:45:00	0.11	0.00	24.58	100.03
07/04/2023 12:50:00	0.07	0.00	25.05	100.00
07/04/2023 12:55:00	0.02	0.00	25.37	100.00
07/04/2023 13:00:00	0.02	0.00	25.21	99.99
07/04/2023 13:05:00	0.00	0.00	24.72	99.97
07/04/2023 13:10:00	0.00	0.00	25.32	99.96
07/04/2023 13:15:00	0.07	0.00	25.19	99.95
07/04/2023 13:20:00	0.02	0.00	25.19	99.97
07/04/2023 13:25:00	0.05	0.00	24.72	99.95
07/04/2023 13:30:00	0.07	0.00	24.88	99.96
07/04/2023 13:35:00	0.11	0.00	25.35	99.94
07/04/2023 13:40:00	0.14	0.00	25.07	99.94
07/04/2023 13:45:00	0.05	0.00	24.86	99.93
07/04/2023 13:50:00	0.05	0.00	25.02	99.93
07/04/2023 13:55:00	0.14	0.00	25.32	99.93
07/04/2023 14:00:00	0.11	0.00	25.35	99.91
07/04/2023 14:05:00	0.07	0.00	25.19	99.91
07/04/2023 14:10:00	0.09	0.00	25.21	99.91
07/04/2023 14:15:00	0.09	0.00	24.77	99.92
07/04/2023 14:20:00	0.16	0.00	24.91	99.91
07/04/2023 14:25:00	0.07	0.00	25.49	99.90
07/04/2023 14:30:00	0.16	0.00	25.37	99.88
07/04/2023 14:35:00	0.14	0.00	24.72	99.88
07/04/2023 14:40:00	0.95	0.00	25.07	99.88
07/04/2023 14:45:00	1.27	0.00	25.07	99.88
07/04/2023 14:50:00	1.30	0.00	24.91	99.87
07/04/2023 14:55:00	1.62	0.00	24.74	99.86
07/04/2023 15:00:00	1.79	0.00	25.21	99.85
07/04/2023 15:05:00	1.69	0.00	24.74	99.83
07/04/2023 15:10:00	1.90	0.00	25.05	99.85
07/04/2023 15:15:00	2.15	0.00	24.74	99.84
07/04/2023 15:20:00	2.53	0.00	25.21	99.83
07/04/2023 15:25:00	2.04	0.00	24.74	99.83
07/04/2023 15:30:00	2.85	0.00	24.44	99.82
07/04/2023 15:35:00	2.17	0.00	24.28	99.82
07/04/2023 15:40:00	2.20	0.00	24.28	99.81
07/04/2023 15:45:00	2.37	0.00	24.88	99.82
07/04/2023 15:50:00	2.08	0.00	24.44	99.81
07/04/2023 15:55:00	2.39	0.00	25.05	99.82
07/04/2023 16:00:00	3.01	0.00	24.74	99.80
07/04/2023 16:05:00	2.25	0.00	24.91	99.81
07/04/2023 16:10:00	2.88	0.00	24.42	99.79
07/04/2023 16:15:00	1.92	0.00	24.58	99.81
07/04/2023 16:20:00	2.90	0.00	24.44	99.81
07/04/2023 16:25:00	2.20	0.00	24.42	99.81

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)
07/04/2023 16:30:00	2.23	0.00	24.28	99.83
07/04/2023 16:35:00	2.99	0.00	24.14	99.82
07/04/2023 16:40:00	3.50	0.00	24.77	99.83
07/04/2023 16:45:00	3.90	0.00	24.91	99.82
07/04/2023 16:50:00	3.62	0.00	24.14	99.81
07/04/2023 16:55:00	3.48	0.00	24.28	99.81
07/04/2023 17:00:00	3.15	0.00	24.14	99.81
07/04/2023 17:05:00	2.76	0.00	24.14	99.84
07/04/2023 17:10:00	3.01	0.00	24.61	99.83
07/04/2023 17:15:00	2.78	0.00	23.84	99.83
07/04/2023 17:20:00	4.31	0.00	24.12	99.83
07/04/2023 17:25:00	4.04	0.00	24.25	99.83
07/04/2023 17:30:00	4.50	0.00	24.12	99.84
07/04/2023 17:35:00	2.83	0.00	24.12	99.85
07/04/2023 17:40:00	2.39	0.00	23.82	99.85
07/04/2023 17:45:00	2.81	0.00	24.30	99.87
07/04/2023 17:50:00	3.17	0.00	24.44	99.88
07/04/2023 17:55:00	3.80	0.00	24.14	99.90
07/04/2023 18:00:00	3.52	0.00	24.30	99.91
07/04/2023 18:05:00	3.27	0.00	23.98	99.91
07/04/2023 18:10:00	1.48	0.00	23.84	99.91
07/04/2023 18:15:00	0.81	0.00	23.67	99.91
07/04/2023 18:20:00	0.37	0.00	24.14	99.91
07/04/2023 18:25:00	0.27	0.00	23.98	99.91
07/04/2023 18:30:00	0.32	0.00	24.16	99.91
07/04/2023 18:35:00	0.34	0.00	23.84	99.92
07/04/2023 18:40:00	0.30	0.00	23.51	99.91
07/04/2023 18:45:00	0.30	0.00	23.65	99.91
07/04/2023 18:50:00	0.34	0.00	24.12	99.92
07/04/2023 18:55:00	0.27	0.00	24.14	99.93
07/04/2023 19:00:00	0.41	0.00	23.70	99.94
07/04/2023 19:05:00	0.37	0.00	24.00	99.95
07/04/2023 19:10:00	0.37	0.00	24.14	99.95
07/04/2023 19:15:00	0.32	0.00	24.14	99.95
07/04/2023 19:20:00	0.37	0.00	23.38	99.96
07/04/2023 19:25:00	0.46	0.00	24.00	99.98
07/04/2023 19:30:00	0.41	0.00	24.00	99.97
07/04/2023 19:35:00	0.46	0.00	24.16	99.97
07/04/2023 19:40:00	0.46	0.00	23.67	99.98
07/04/2023 19:45:00	0.43	0.00	23.84	100.00
07/04/2023 19:50:00	0.53	0.00	23.70	100.00
07/04/2023 19:55:00	0.50	0.00	24.14	100.01
07/04/2023 20:00:00	0.43	0.00	23.87	100.03
07/04/2023 20:05:00	0.65	0.00	24.00	100.03
07/04/2023 20:10:00	0.48	0.00	24.16	100.05
07/04/2023 20:15:00	0.43	0.00	23.56	100.05
07/04/2023 20:20:00	0.43	0.00	23.21	100.06
07/04/2023 20:25:00	0.43	0.00	23.51	100.07
07/04/2023 20:30:00	0.43	0.00	23.54	100.08
07/04/2023 20:35:00	0.48	0.00	23.40	100.10
07/04/2023 20:40:00	0.39	0.00	23.70	100.10
07/04/2023 20:45:00	0.50	0.00	23.84	100.12
07/04/2023 20:50:00	0.39	0.00	23.09	100.12

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)
07/04/2023 20:55:00	0.46	0.00	23.35	100.13
07/04/2023 21:00:00	0.34	0.00	23.56	100.15
07/04/2023 21:05:00	0.37	0.00	23.84	100.15
07/04/2023 21:10:00	0.41	0.00	23.67	100.16
07/04/2023 21:15:00	0.34	0.00	23.09	100.18
07/04/2023 21:20:00	0.43	0.00	23.82	100.17
07/04/2023 21:25:00	0.32	0.00	23.70	100.18
07/04/2023 21:30:00	0.39	0.00	23.84	100.20
07/04/2023 21:35:00	0.41	0.00	23.07	100.19
07/04/2023 21:40:00	0.41	0.00	23.87	100.22
07/04/2023 21:45:00	0.39	0.00	23.87	100.21
07/04/2023 21:50:00	0.41	0.00	23.84	100.24
07/04/2023 21:55:00	0.34	0.00	23.07	100.26
07/04/2023 22:00:00	0.30	0.00	23.40	100.26
07/04/2023 22:05:00	0.34	0.00	23.40	100.28
07/04/2023 22:10:00	0.46	0.00	23.82	100.27
07/04/2023 22:15:00	0.46	0.00	23.23	100.27
07/04/2023 22:20:00	0.39	0.00	23.84	100.28
07/04/2023 22:25:00	0.43	0.00	23.23	100.31
07/04/2023 22:30:00	0.23	0.00	23.16	100.29
07/04/2023 22:35:00	0.37	0.00	23.54	100.29
07/04/2023 22:40:00	1.72	0.00	23.82	100.29
07/04/2023 22:45:00	2.04	0.00	23.40	100.30
07/04/2023 22:50:00	2.99	0.00	23.21	100.29
07/04/2023 22:55:00	3.34	0.00	23.21	100.28
07/04/2023 23:00:00	2.85	0.00	23.51	100.28
07/04/2023 23:05:00	4.01	0.00	23.51	100.27
07/04/2023 23:10:00	3.94	0.00	23.38	100.30
07/04/2023 23:15:00	4.20	0.00	23.54	100.28
07/04/2023 23:20:00	3.94	0.00	23.40	100.27
07/04/2023 23:25:00	4.68	0.00	23.84	100.28
07/04/2023 23:30:00	3.99	0.00	23.67	100.27
07/04/2023 23:35:00	3.50	0.00	23.23	100.26
07/04/2023 23:40:00	3.69	0.00	22.89	100.25
07/04/2023 23:45:00	2.76	0.00	23.19	100.26
07/04/2023 23:50:00	3.73	0.00	23.67	100.26
07/04/2023 23:55:00	2.30	0.00	22.91	100.23