



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

Tên cơ sở: Xi măng Quang Sơn  
Tên trạm: Ông khối nghiền than  
Thời gian báo cáo: Từ: 30/03/2023

Tới: 30/03/2023

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)
30/03/2023 00:00:00	9.83	0.00	21.73	99.78
30/03/2023 00:05:00	7.42	0.00	21.13	99.79
30/03/2023 00:10:00	8.79	0.00	21.42	99.79
30/03/2023 00:15:00	6.42	0.00	21.91	99.78
30/03/2023 00:20:00	6.78	0.00	21.29	99.76
30/03/2023 00:25:00	8.00	0.00	21.75	99.74
30/03/2023 00:30:00	6.52	0.00	21.56	99.71
30/03/2023 00:35:00	5.62	0.00	21.58	99.71
30/03/2023 00:40:00	8.93	0.00	21.73	99.71
30/03/2023 00:45:00	8.58	0.00	21.29	99.71
30/03/2023 00:50:00	6.54	0.00	21.29	99.74
30/03/2023 00:55:00	7.63	0.00	21.13	99.74
30/03/2023 01:00:00	6.68	0.00	21.56	99.71
30/03/2023 01:05:00	7.42	0.00	21.45	99.74
30/03/2023 01:10:00	6.22	0.00	20.96	99.74
30/03/2023 01:15:00	7.58	0.00	21.40	99.75
30/03/2023 01:20:00	6.87	0.00	21.29	99.76
30/03/2023 01:25:00	7.54	0.00	21.29	99.79
30/03/2023 01:30:00	6.31	0.00	21.45	99.78
30/03/2023 01:35:00	7.65	0.00	21.26	99.77
30/03/2023 01:40:00	7.45	0.00	21.13	99.75
30/03/2023 01:45:00	5.59	0.00	20.98	99.75
30/03/2023 01:50:00	6.84	0.00	20.82	99.72
30/03/2023 01:55:00	7.03	0.00	21.00	99.73
30/03/2023 02:00:00	7.14	0.00	20.98	99.71
30/03/2023 02:05:00	6.78	0.00	21.00	99.69
30/03/2023 02:10:00	6.94	0.00	21.29	99.72
30/03/2023 02:15:00	6.54	0.00	21.58	99.68
30/03/2023 02:20:00	7.19	0.00	21.42	99.70
30/03/2023 02:25:00	7.75	0.00	21.13	99.70
30/03/2023 02:30:00	6.73	0.00	21.45	99.71
30/03/2023 02:35:00	7.68	0.00	21.31	99.71
30/03/2023 02:40:00	8.31	0.00	21.45	99.71
30/03/2023 02:45:00	8.38	0.00	21.10	99.68
30/03/2023 02:50:00	7.91	0.00	20.96	99.68
30/03/2023 02:55:00	6.64	0.00	21.29	99.68
30/03/2023 03:00:00	7.89	0.00	20.82	99.68
30/03/2023 03:05:00	8.61	0.00	21.26	99.68
30/03/2023 03:10:00	7.07	0.00	20.66	99.68
30/03/2023 03:15:00	7.12	0.00	20.66	99.68

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)
30/03/2023 03:20:00	8.35	0.00	20.98	99.68
30/03/2023 03:25:00	7.19	0.00	21.13	99.68
30/03/2023 03:30:00	7.80	0.00	21.13	99.68
30/03/2023 03:35:00	7.56	0.00	20.98	99.68
30/03/2023 03:40:00	7.75	0.00	20.98	99.68
30/03/2023 03:45:00	5.31	0.00	20.52	99.68
30/03/2023 03:50:00	5.78	0.00	20.66	99.65
30/03/2023 03:55:00	7.12	0.00	20.96	99.65
30/03/2023 04:00:00	5.42	0.00	20.52	99.65
30/03/2023 04:05:00	6.84	0.00	21.26	99.65
30/03/2023 04:10:00	7.26	0.00	20.49	99.67
30/03/2023 04:15:00	5.17	0.00	20.66	99.65
30/03/2023 04:20:00	7.35	0.00	20.80	99.67
30/03/2023 04:25:00	6.89	0.00	21.13	99.67
30/03/2023 04:30:00	7.10	0.00	21.29	99.65
30/03/2023 04:35:00	7.54	0.00	20.66	99.65
30/03/2023 04:40:00	8.05	0.00	21.13	99.67
30/03/2023 04:45:00	5.59	0.00	21.13	99.66
30/03/2023 04:50:00	7.19	0.00	20.33	99.67
30/03/2023 04:55:00	6.89	0.00	20.82	99.70
30/03/2023 05:00:00	5.38	0.00	20.84	99.68
30/03/2023 05:05:00	6.13	0.00	20.66	99.71
30/03/2023 05:10:00	5.96	0.00	20.22	99.71
30/03/2023 05:15:00	8.26	0.00	20.22	99.71
30/03/2023 05:20:00	6.89	0.00	20.66	99.71
30/03/2023 05:25:00	7.03	0.00	20.22	99.72
30/03/2023 05:30:00	8.03	0.00	20.84	99.74
30/03/2023 05:35:00	7.42	0.00	20.68	99.71
30/03/2023 05:40:00	7.07	0.00	20.38	99.72
30/03/2023 05:45:00	8.29	0.00	20.66	99.74
30/03/2023 05:50:00	7.10	0.00	20.64	99.73
30/03/2023 05:55:00	5.47	0.00	20.82	99.73
30/03/2023 06:00:00	6.91	0.00	20.52	99.75
30/03/2023 06:05:00	8.07	0.00	20.06	99.75
30/03/2023 06:10:00	6.54	0.00	20.33	99.75
30/03/2023 06:15:00	5.52	0.00	20.06	99.76
30/03/2023 06:20:00	8.07	0.00	20.52	99.78
30/03/2023 06:25:00	8.77	0.00	20.08	99.80
30/03/2023 06:30:00	6.56	0.00	20.08	99.81
30/03/2023 06:35:00	7.52	0.00	20.24	99.82
30/03/2023 06:40:00	6.80	0.00	20.66	99.80
30/03/2023 06:45:00	6.54	0.00	20.22	99.81
30/03/2023 06:50:00	5.98	0.00	20.06	99.83
30/03/2023 06:55:00	6.58	0.00	19.91	99.83
30/03/2023 07:00:00	6.84	0.00	20.52	99.83
30/03/2023 07:05:00	5.96	0.00	20.36	99.84
30/03/2023 07:10:00	6.71	0.00	20.68	99.83
30/03/2023 07:15:00	6.54	0.00	20.04	99.83
30/03/2023 07:20:00	7.24	0.00	20.22	99.84
30/03/2023 07:25:00	6.24	0.00	20.68	99.87
30/03/2023 07:30:00	6.78	0.00	19.91	99.85
30/03/2023 07:35:00	6.71	0.00	19.89	99.87
30/03/2023 07:40:00	4.38	0.00	20.22	99.88
30/03/2023 07:45:00	6.78	0.00	20.52	99.90

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)
30/03/2023 07:50:00	5.59	0.00	20.68	99.88
30/03/2023 07:55:00	6.89	0.00	20.06	99.89
30/03/2023 08:00:00	4.84	0.00	20.36	99.89
30/03/2023 08:05:00	5.38	0.00	20.06	99.89
30/03/2023 08:10:00	5.89	0.00	20.52	99.90
30/03/2023 08:15:00	3.88	0.00	20.06	99.90
30/03/2023 08:20:00	4.20	0.00	20.36	99.89
30/03/2023 08:25:00	4.31	0.00	20.80	99.91
30/03/2023 08:30:00	4.06	0.00	20.20	99.90
30/03/2023 08:35:00	4.20	0.00	20.20	99.92
30/03/2023 08:40:00	5.06	0.00	20.80	99.91
30/03/2023 08:45:00	4.64	0.00	20.49	99.91
30/03/2023 08:50:00	4.71	0.00	20.20	99.91
30/03/2023 08:55:00	4.06	0.00	20.49	99.92
30/03/2023 09:00:00	3.71	0.00	20.36	99.92
30/03/2023 09:05:00	4.78	0.00	20.66	99.93
30/03/2023 09:10:00	3.08	0.00	21.26	99.92
30/03/2023 09:15:00	3.41	0.00	21.10	99.93
30/03/2023 09:20:00	3.04	0.00	20.78	99.93
30/03/2023 09:25:00	2.27	0.00	21.40	99.95
30/03/2023 09:30:00	1.85	0.00	20.64	99.94
30/03/2023 09:35:00	1.90	0.00	21.42	99.96
30/03/2023 09:40:00	1.79	0.00	21.07	99.96
30/03/2023 09:45:00	2.04	0.00	21.40	99.94
30/03/2023 09:50:00	2.27	0.00	21.10	99.94
30/03/2023 09:55:00	2.41	0.00	21.42	99.94
30/03/2023 10:00:00	2.57	0.00	21.13	99.93
30/03/2023 10:05:00	2.43	0.00	21.40	99.92
30/03/2023 10:10:00	1.64	0.00	21.10	99.94
30/03/2023 10:15:00	1.97	0.00	21.87	99.94
30/03/2023 10:20:00	1.88	0.00	21.56	99.91
30/03/2023 10:25:00	1.69	0.00	21.40	99.91
30/03/2023 10:30:00	1.50	0.00	22.16	99.92
30/03/2023 10:35:00	1.25	0.00	21.71	99.91
30/03/2023 10:40:00	1.16	0.00	22.16	99.91
30/03/2023 10:45:00	1.06	0.00	21.71	99.91
30/03/2023 10:50:00	0.85	0.00	21.71	99.89
30/03/2023 10:55:00	1.62	0.00	22.31	99.89
30/03/2023 11:00:00	0.99	0.00	22.00	99.89
30/03/2023 11:05:00	0.99	0.00	22.00	99.88
30/03/2023 11:10:00	0.99	0.00	22.93	99.86
30/03/2023 11:15:00	0.97	0.00	22.61	99.85
30/03/2023 11:20:00	1.48	0.00	23.07	99.86
30/03/2023 11:25:00	1.25	0.00	23.21	99.83
30/03/2023 11:30:00	1.79	0.00	23.38	99.83
30/03/2023 11:35:00	1.83	0.00	22.91	99.83
30/03/2023 11:40:00	1.67	0.00	23.79	99.81
30/03/2023 11:45:00	3.13	0.00	24.14	99.81
30/03/2023 11:50:00	2.99	0.00	23.79	99.79
30/03/2023 11:55:00	2.57	0.00	24.14	99.80
30/03/2023 12:00:00	2.37	0.00	24.88	99.78
30/03/2023 12:05:00	2.85	0.00	24.61	99.80
30/03/2023 12:10:00	3.36	0.00	24.61	99.78
30/03/2023 12:15:00	3.39	0.00	25.35	99.76

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)
30/03/2023 12:20:00	3.43	0.00	25.65	99.76
30/03/2023 12:25:00	2.66	0.00	25.00	99.73
30/03/2023 12:30:00	2.53	0.00	25.32	99.74
30/03/2023 12:35:00	2.69	0.00	25.79	99.71
30/03/2023 12:40:00	3.46	0.00	26.09	99.69
30/03/2023 12:45:00	2.71	0.00	26.09	99.70
30/03/2023 12:50:00	2.55	0.00	26.25	99.68
30/03/2023 12:55:00	2.25	0.00	25.65	99.66
30/03/2023 13:00:00	2.76	0.00	25.63	99.67
30/03/2023 13:05:00	3.99	0.00	25.76	99.65
30/03/2023 13:10:00	3.43	0.00	25.98	99.64
30/03/2023 13:15:00	2.76	0.00	25.79	99.63
30/03/2023 13:20:00	2.62	0.00	25.79	99.63
30/03/2023 13:25:00	2.92	0.00	25.79	99.60
30/03/2023 13:30:00	4.06	0.00	25.93	99.59
30/03/2023 13:35:00	3.04	0.00	25.63	99.59
30/03/2023 13:40:00	3.29	0.00	25.79	99.58
30/03/2023 13:45:00	2.53	0.00	25.49	99.56
30/03/2023 13:50:00	2.90	0.00	25.35	99.57
30/03/2023 13:55:00	3.22	0.00	25.49	99.56
30/03/2023 14:00:00	3.59	0.00	25.63	99.54
30/03/2023 14:05:00	3.34	0.00	25.95	99.54
30/03/2023 14:10:00	3.24	0.00	25.81	99.54
30/03/2023 14:15:00	3.11	0.00	25.51	99.53
30/03/2023 14:20:00	2.94	0.00	25.67	99.53
30/03/2023 14:25:00	2.92	0.00	25.51	99.50
30/03/2023 14:30:00	2.59	0.00	24.88	99.51
30/03/2023 14:35:00	2.50	0.00	25.51	99.51
30/03/2023 14:40:00	2.57	0.00	25.07	99.50
30/03/2023 14:45:00	2.92	0.00	25.51	99.50
30/03/2023 14:50:00	2.71	0.00	24.88	99.48
30/03/2023 14:55:00	3.13	0.00	24.91	99.49
30/03/2023 15:00:00	2.27	0.00	24.91	99.49
30/03/2023 15:05:00	2.48	0.00	24.74	99.47
30/03/2023 15:10:00	2.50	0.00	24.74	99.47
30/03/2023 15:15:00	2.83	0.00	25.35	99.46
30/03/2023 15:20:00	2.78	0.00	24.74	99.47
30/03/2023 15:25:00	2.50	0.00	25.35	99.45
30/03/2023 15:30:00	2.88	0.00	24.91	99.45
30/03/2023 15:35:00	3.13	0.00	24.44	99.45
30/03/2023 15:40:00	3.29	0.00	24.74	99.42
30/03/2023 15:45:00	2.97	0.00	24.61	99.43
30/03/2023 15:50:00	2.50	0.00	24.74	99.42
30/03/2023 15:55:00	2.76	0.00	24.91	99.42
30/03/2023 16:00:00	2.90	0.00	24.28	99.42
30/03/2023 16:05:00	2.97	0.00	24.77	99.41
30/03/2023 16:10:00	3.15	0.00	25.07	99.42
30/03/2023 16:15:00	3.08	0.00	24.14	99.39
30/03/2023 16:20:00	3.32	0.00	24.47	99.40
30/03/2023 16:25:00	3.34	0.00	24.61	99.39
30/03/2023 16:30:00	2.64	0.00	24.93	99.40
30/03/2023 16:35:00	1.97	0.00	24.14	99.40
30/03/2023 16:40:00	1.67	0.00	24.03	99.42
30/03/2023 16:45:00	1.90	0.00	24.61	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)
30/03/2023 16:50:00	2.25	0.00	24.12	99.40
30/03/2023 16:55:00	2.90	0.00	24.44	99.37
30/03/2023 17:00:00	2.94	0.00	24.47	99.39
30/03/2023 17:05:00	2.92	0.00	24.63	99.39
30/03/2023 17:10:00	3.22	0.00	23.82	99.39
30/03/2023 17:15:00	3.15	0.00	23.67	99.39
30/03/2023 17:20:00	3.41	0.00	24.30	99.39
30/03/2023 17:25:00	3.69	0.00	24.30	99.39
30/03/2023 17:30:00	4.20	0.00	23.70	99.38
30/03/2023 17:35:00	4.57	0.00	24.14	99.39
30/03/2023 17:40:00	4.78	0.00	23.67	99.39
30/03/2023 17:45:00	4.38	0.00	23.70	99.39
30/03/2023 17:50:00	4.94	0.00	23.40	99.40
30/03/2023 17:55:00	4.22	0.00	23.07	99.39
30/03/2023 18:00:00	4.26	0.00	23.87	99.39
30/03/2023 18:05:00	4.48	0.00	23.70	99.39
30/03/2023 18:10:00	4.59	0.00	23.23	99.40
30/03/2023 18:15:00	4.04	0.00	23.67	99.41
30/03/2023 18:20:00	3.94	0.00	23.38	99.41
30/03/2023 18:25:00	5.24	0.00	22.80	99.41
30/03/2023 18:30:00	4.41	0.00	23.40	99.40
30/03/2023 18:35:00	4.43	0.00	22.77	99.41
30/03/2023 18:40:00	3.88	0.00	22.91	99.42
30/03/2023 18:45:00	4.31	0.00	23.25	99.42
30/03/2023 18:50:00	4.20	0.00	22.93	99.43
30/03/2023 18:55:00	3.92	0.00	22.63	99.45
30/03/2023 19:00:00	5.40	0.00	22.91	99.45
30/03/2023 19:05:00	4.57	0.00	22.45	99.44
30/03/2023 19:10:00	4.89	0.00	22.77	99.45
30/03/2023 19:15:00	4.71	0.00	23.07	99.46
30/03/2023 19:20:00	5.38	0.00	22.16	99.46
30/03/2023 19:25:00	4.57	0.00	22.61	99.47
30/03/2023 19:30:00	5.36	0.00	22.47	99.46
30/03/2023 19:35:00	3.90	0.00	22.47	99.48
30/03/2023 19:40:00	5.75	0.00	22.31	99.48
30/03/2023 19:45:00	4.13	0.00	22.63	99.48
30/03/2023 19:50:00	5.22	0.00	22.00	99.49
30/03/2023 19:55:00	4.84	0.00	22.47	99.49
30/03/2023 20:00:00	5.17	0.00	22.00	99.50
30/03/2023 20:05:00	4.97	0.00	22.31	99.52
30/03/2023 20:10:00	5.40	0.00	22.00	99.52
30/03/2023 20:15:00	5.22	0.00	22.61	99.53
30/03/2023 20:20:00	4.89	0.00	22.77	99.54
30/03/2023 20:25:00	5.08	0.00	21.84	99.56
30/03/2023 20:30:00	4.59	0.00	22.16	99.56
30/03/2023 20:35:00	4.36	0.00	21.87	99.59
30/03/2023 20:40:00	4.89	0.00	22.19	99.61
30/03/2023 20:45:00	4.78	0.00	22.33	99.63
30/03/2023 20:50:00	4.55	0.00	22.19	99.63
30/03/2023 20:55:00	4.50	0.00	22.16	99.63
30/03/2023 21:00:00	3.94	0.00	22.45	99.64
30/03/2023 21:05:00	4.73	0.00	21.87	99.65
30/03/2023 21:10:00	4.36	0.00	21.87	99.66
30/03/2023 21:15:00	4.31	0.00	21.89	99.66

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)
30/03/2023 21:20:00	4.22	0.00	22.33	99.66
30/03/2023 21:25:00	4.46	0.00	22.19	99.68
30/03/2023 21:30:00	4.57	0.00	22.03	99.67
30/03/2023 21:35:00	5.17	0.00	22.03	99.66
30/03/2023 21:40:00	4.50	0.00	21.87	99.65
30/03/2023 21:45:00	4.84	0.00	21.84	99.65
30/03/2023 21:50:00	4.41	0.00	22.00	99.66
30/03/2023 21:55:00	4.33	0.00	22.00	99.66
30/03/2023 22:00:00	4.97	0.00	21.56	99.67
30/03/2023 22:05:00	4.04	0.00	21.73	99.66
30/03/2023 22:10:00	4.13	0.00	22.03	99.67
30/03/2023 22:15:00	4.50	0.00	21.87	99.66
30/03/2023 22:20:00	3.85	0.00	22.14	99.67
30/03/2023 22:25:00	4.75	0.00	21.73	99.68
30/03/2023 22:30:00	4.48	0.00	22.03	99.68
30/03/2023 22:35:00	4.73	0.00	21.89	99.69
30/03/2023 22:40:00	4.59	0.00	21.89	99.69
30/03/2023 22:45:00	5.13	0.00	21.42	99.68
30/03/2023 22:50:00	4.22	0.00	22.19	99.68
30/03/2023 22:55:00	3.39	0.00	21.42	99.68
30/03/2023 23:00:00	4.75	0.00	21.89	99.69
30/03/2023 23:05:00	4.46	0.00	21.89	99.68
30/03/2023 23:10:00	4.08	0.00	22.19	99.68
30/03/2023 23:15:00	4.97	0.00	22.05	99.70
30/03/2023 23:20:00	4.24	0.00	21.73	99.68
30/03/2023 23:25:00	3.90	0.00	21.40	99.67
30/03/2023 23:30:00	4.55	0.00	21.26	99.66
30/03/2023 23:35:00	5.42	0.00	21.58	99.66
30/03/2023 23:40:00	4.08	0.00	21.89	99.65
30/03/2023 23:45:00	3.39	0.00	21.29	99.65
30/03/2023 23:50:00	4.36	0.00	21.87	99.64
30/03/2023 23:55:00	4.46	0.00	21.89	99.63