



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: 29/03/2023

Tới: 29/03/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
29/03/2023 00:00:00	35.62	8,514.53	44.59	100.09
29/03/2023 00:05:00	48.32	6,573.59	44.43	100.11
29/03/2023 00:10:00	48.90	5,532.92	43.99	100.09
29/03/2023 00:15:00	46.02	0.00	42.62	100.09
29/03/2023 00:20:00	52.99	0.00	42.32	100.08
29/03/2023 00:25:00	45.91	6,088.35	41.72	100.06
29/03/2023 00:30:00	34.79	6,155.49	41.41	100.06
29/03/2023 00:35:00	42.75	0.00	40.48	100.03
29/03/2023 00:40:00	32.39	7,437.25	41.25	100.03
29/03/2023 00:45:00	46.21	0.00	40.32	100.03
29/03/2023 00:50:00	38.55	5,651.94	40.92	100.01
29/03/2023 00:55:00	36.74	6,747.54	40.32	100.00
29/03/2023 01:00:00	38.36	5,355.92	40.34	100.02
29/03/2023 01:05:00	41.68	0.00	40.16	100.03
29/03/2023 01:10:00	38.74	6,033.42	39.56	99.99
29/03/2023 01:15:00	28.94	0.00	38.35	99.95
29/03/2023 01:20:00	37.34	5,719.08	38.05	99.96
29/03/2023 01:25:00	32.54	0.00	38.67	99.96
29/03/2023 01:30:00	45.04	0.00	38.67	99.97
29/03/2023 01:35:00	41.34	5,477.99	38.21	99.98
29/03/2023 01:40:00	40.71	7,009.99	38.05	99.99
29/03/2023 01:45:00	35.44	823.99	36.26	99.99
29/03/2023 01:50:00	38.94	6,515.60	37.61	99.97
29/03/2023 01:55:00	36.97	0.00	35.91	99.99
29/03/2023 02:00:00	37.62	0.00	35.31	99.97
29/03/2023 02:05:00	29.56	5,810.64	34.24	99.98
29/03/2023 02:10:00	27.89	0.00	34.10	99.96
29/03/2023 02:15:00	35.77	6,274.51	34.84	99.93
29/03/2023 02:20:00	40.22	6,088.35	33.20	99.93
29/03/2023 02:25:00	30.94	0.00	34.71	99.92
29/03/2023 02:30:00	37.44	5,969.33	33.04	99.94
29/03/2023 02:35:00	31.52	5,355.92	33.62	99.91
29/03/2023 02:40:00	30.85	5,792.32	34.56	99.88
29/03/2023 02:45:00	31.96	5,847.26	34.38	99.86
29/03/2023 02:50:00	31.30	6,832.99	34.26	99.88
29/03/2023 02:55:00	36.44	0.00	32.87	99.83
29/03/2023 03:00:00	31.21	5,847.26	34.10	99.86
29/03/2023 03:05:00	27.71	5,969.33	32.40	99.83
29/03/2023 03:10:00	33.21	0.00	33.78	99.83
29/03/2023 03:15:00	28.36	0.00	32.40	99.87

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
29/03/2023 03:20:00	29.10	0.00	33.66	99.86
29/03/2023 03:25:00	28.73	6,274.51	33.33	99.86
29/03/2023 03:30:00	32.14	6,692.61	32.40	99.86
29/03/2023 03:35:00	22.44	5,236.90	32.08	99.86
29/03/2023 03:40:00	38.53	0.00	32.10	99.86
29/03/2023 03:45:00	26.97	5,477.99	31.80	99.87
29/03/2023 03:50:00	32.59	7,000.84	31.20	99.87
29/03/2023 03:55:00	25.78	7,064.93	31.80	99.89
29/03/2023 04:00:00	27.55	6,079.19	31.33	99.90
29/03/2023 04:05:00	24.46	5,801.48	31.66	99.91
29/03/2023 04:10:00	33.42	6,942.85	31.04	99.91
29/03/2023 04:15:00	25.60	6,942.85	31.04	99.91
29/03/2023 04:20:00	27.41	5,847.26	31.04	99.90
29/03/2023 04:25:00	26.36	6,778.06	31.04	99.91
29/03/2023 04:30:00	28.03	6,701.76	30.43	99.91
29/03/2023 04:35:00	26.76	6,823.83	30.59	99.91
29/03/2023 04:40:00	22.30	7,315.18	30.43	99.94
29/03/2023 04:45:00	21.90	0.00	30.13	99.94
29/03/2023 04:50:00	24.09	6,405.74	29.69	99.95
29/03/2023 04:55:00	25.15	7,937.74	29.71	99.97
29/03/2023 05:00:00	24.11	0.00	29.53	99.94
29/03/2023 05:05:00	24.67	7,620.36	29.83	99.94
29/03/2023 05:10:00	29.05	6,582.74	29.23	99.93
29/03/2023 05:15:00	23.90	7,183.95	29.06	99.90
29/03/2023 05:20:00	28.78	6,768.90	28.90	99.95
29/03/2023 05:25:00	22.63	6,515.60	29.66	99.92
29/03/2023 05:30:00	21.97	7,370.11	29.53	99.94
29/03/2023 05:35:00	23.81	6,210.42	28.46	99.97
29/03/2023 05:40:00	24.53	0.00	28.57	99.94
29/03/2023 05:45:00	27.80	0.00	28.79	99.94
29/03/2023 05:50:00	24.86	5,496.30	29.23	99.92
29/03/2023 05:55:00	19.19	6,524.76	28.92	99.91
29/03/2023 06:00:00	21.52	6,832.99	29.06	99.91
29/03/2023 06:05:00	22.28	5,783.17	28.90	99.92
29/03/2023 06:10:00	25.32	0.00	28.76	99.94
29/03/2023 06:15:00	21.54	6,759.75	28.60	99.91
29/03/2023 06:20:00	22.26	6,701.76	28.60	99.96
29/03/2023 06:25:00	22.61	0.00	28.44	99.97
29/03/2023 06:30:00	21.19	6,274.51	28.16	99.97
29/03/2023 06:35:00	29.29	0.00	28.16	99.98
29/03/2023 06:40:00	22.79	6,311.13	27.83	99.96
29/03/2023 06:45:00	23.77	0.00	28.16	99.96
29/03/2023 06:50:00	20.21	6,042.57	28.16	99.94
29/03/2023 06:55:00	20.84	0.00	27.70	99.97
29/03/2023 07:00:00	21.56	5,914.40	27.53	99.97
29/03/2023 07:05:00	20.42	7,196.15	27.39	99.97
29/03/2023 07:10:00	17.96	6,460.67	27.70	99.98
29/03/2023 07:15:00	24.28	5,542.08	27.55	100.00
29/03/2023 07:20:00	21.70	6,100.56	27.07	100.01
29/03/2023 07:25:00	17.36	6,768.90	27.23	100.02
29/03/2023 07:30:00	21.14	6,155.49	27.70	100.04
29/03/2023 07:35:00	21.63	5,783.17	27.23	100.04
29/03/2023 07:40:00	22.44	7,064.93	27.60	100.02
29/03/2023 07:45:00	16.85	6,582.74	26.16	100.00

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
29/03/2023 07:50:00	16.43	6,210.42	25.70	99.98
29/03/2023 07:55:00	16.71	5,728.24	26.16	100.01
29/03/2023 08:00:00	17.38	0.00	26.00	100.06
29/03/2023 08:05:00	20.94	6,637.67	26.60	100.05
29/03/2023 08:10:00	25.15	6,637.67	26.60	100.06
29/03/2023 08:15:00	18.17	7,174.79	26.16	100.06
29/03/2023 08:20:00	20.65	6,573.59	26.92	100.04
29/03/2023 08:25:00	23.41	5,661.10	26.63	100.05
29/03/2023 08:30:00	17.33	0.00	26.46	100.07
29/03/2023 08:35:00	19.40	6,573.59	25.70	100.08
29/03/2023 08:40:00	21.10	7,009.99	26.16	100.06
29/03/2023 08:45:00	20.07	6,210.42	26.90	100.08
29/03/2023 08:50:00	20.38	5,551.23	26.44	100.08
29/03/2023 08:55:00	18.07	5,691.62	26.18	100.07
29/03/2023 09:00:00	18.27	5,661.10	26.18	100.10
29/03/2023 09:05:00	20.56	6,460.67	26.02	100.09
29/03/2023 09:10:00	21.70	5,606.16	26.60	100.10
29/03/2023 09:15:00	15.36	6,451.51	26.60	100.10
29/03/2023 09:20:00	16.15	6,274.51	26.02	100.14
29/03/2023 09:25:00	20.56	6,164.64	26.16	100.10
29/03/2023 09:30:00	15.22	5,847.26	25.86	100.12
29/03/2023 09:35:00	22.19	5,969.33	25.39	100.10
29/03/2023 09:40:00	15.82	7,119.86	25.83	100.08
29/03/2023 09:45:00	16.08	6,155.49	25.72	100.11
29/03/2023 09:50:00	14.37	7,855.34	25.54	100.08
29/03/2023 09:55:00	14.82	6,088.35	25.39	100.06
29/03/2023 10:00:00	13.86	5,487.14	25.70	100.07
29/03/2023 10:05:00	15.78	5,969.33	25.09	100.08
29/03/2023 10:10:00	14.71	6,515.60	25.83	100.06
29/03/2023 10:15:00	12.46	0.00	25.86	100.09
29/03/2023 10:20:00	13.34	5,420.00	25.72	100.06
29/03/2023 10:25:00	11.28	6,033.42	25.25	100.08
29/03/2023 10:30:00	12.16	5,969.33	26.14	100.04
29/03/2023 10:35:00	12.39	6,323.34	25.67	100.01
29/03/2023 10:40:00	12.74	6,451.51	26.16	100.00
29/03/2023 10:45:00	12.72	6,088.35	25.86	100.02
29/03/2023 10:50:00	11.72	6,015.11	25.54	100.03
29/03/2023 10:55:00	11.76	5,838.10	25.70	100.01
29/03/2023 11:00:00	12.62	5,468.83	25.67	100.02
29/03/2023 11:05:00	10.56	6,024.26	26.14	100.03
29/03/2023 11:10:00	9.81	5,838.10	26.44	100.01
29/03/2023 11:15:00	10.16	5,587.85	26.14	100.03
29/03/2023 11:20:00	10.41	0.00	26.30	100.00
29/03/2023 11:25:00	8.87	0.00	25.70	99.99
29/03/2023 11:30:00	9.03	5,651.94	26.28	99.99
29/03/2023 11:35:00	8.98	0.00	25.98	99.97
29/03/2023 11:40:00	7.52	0.00	26.90	99.97
29/03/2023 11:45:00	7.19	0.00	26.14	99.97
29/03/2023 11:50:00	7.65	0.00	26.90	99.97
29/03/2023 11:55:00	9.70	0.00	26.25	99.94
29/03/2023 12:00:00	9.12	0.00	26.12	99.94
29/03/2023 12:05:00	7.29	0.00	26.86	99.91
29/03/2023 12:10:00	7.14	0.00	26.41	99.93
29/03/2023 12:15:00	6.03	0.00	26.23	99.93

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
29/03/2023 12:20:00	6.66	0.00	26.88	99.91
29/03/2023 12:25:00	7.54	0.00	26.88	99.91
29/03/2023 12:30:00	8.21	0.00	26.41	99.92
29/03/2023 12:35:00	8.89	0.00	27.18	99.88
29/03/2023 12:40:00	8.35	0.00	26.72	99.88
29/03/2023 12:45:00	9.25	0.00	26.41	99.86
29/03/2023 12:50:00	8.91	0.00	26.56	99.87
29/03/2023 12:55:00	8.38	0.00	26.86	99.86
29/03/2023 13:00:00	7.87	0.00	26.25	99.86
29/03/2023 13:05:00	7.35	0.00	26.83	99.85
29/03/2023 13:10:00	8.63	0.00	26.58	99.83
29/03/2023 13:15:00	7.47	0.00	26.28	99.81
29/03/2023 13:20:00	8.82	0.00	26.56	99.80
29/03/2023 13:25:00	8.33	0.00	26.56	99.79
29/03/2023 13:30:00	7.96	0.00	26.41	99.78
29/03/2023 13:35:00	7.71	0.00	26.58	99.77
29/03/2023 13:40:00	8.40	0.00	26.25	99.76
29/03/2023 13:45:00	6.68	0.00	26.25	99.76
29/03/2023 13:50:00	6.94	0.00	26.72	99.76
29/03/2023 13:55:00	6.29	0.00	26.39	99.74
29/03/2023 14:00:00	4.94	0.00	26.41	99.73
29/03/2023 14:05:00	5.10	0.00	26.07	99.71
29/03/2023 14:10:00	4.59	0.00	26.88	99.73
29/03/2023 14:15:00	4.01	0.00	26.23	99.73
29/03/2023 14:20:00	4.31	0.00	26.25	99.75
29/03/2023 14:25:00	5.40	0.00	27.18	99.74
29/03/2023 14:30:00	6.31	0.00	26.23	99.71
29/03/2023 14:35:00	6.64	0.00	26.56	99.72
29/03/2023 14:40:00	6.40	0.00	26.70	99.72
29/03/2023 14:45:00	6.24	0.00	26.72	99.70
29/03/2023 14:50:00	5.96	0.00	26.28	99.71
29/03/2023 14:55:00	4.57	0.00	26.41	99.72
29/03/2023 15:00:00	5.57	0.00	26.39	99.71
29/03/2023 15:05:00	5.68	0.00	26.72	99.71
29/03/2023 15:10:00	6.58	0.00	25.95	99.71
29/03/2023 15:15:00	6.91	0.00	26.54	99.69
29/03/2023 15:20:00	7.87	0.00	26.70	99.69
29/03/2023 15:25:00	6.36	0.00	26.41	99.70
29/03/2023 15:30:00	6.78	0.00	26.58	99.69
29/03/2023 15:35:00	6.71	0.00	26.41	99.68
29/03/2023 15:40:00	6.73	0.00	25.79	99.68
29/03/2023 15:45:00	6.54	0.00	26.41	99.68
29/03/2023 15:50:00	5.29	0.00	25.65	99.68
29/03/2023 15:55:00	6.24	0.00	26.39	99.67
29/03/2023 16:00:00	39.52	0.00	26.41	99.65
29/03/2023 16:05:00	39.62	0.00	25.65	99.63
29/03/2023 16:10:00	111.73	0.00	26.09	99.62
29/03/2023 16:15:00	60.90	0.00	25.95	99.59
29/03/2023 16:20:00	90.40	0.00	25.95	99.59
29/03/2023 16:25:00	62.34	0.00	25.79	99.58
29/03/2023 16:30:00	58.07	0.00	25.65	99.63
29/03/2023 16:35:00	76.71	0.00	25.98	99.63
29/03/2023 16:40:00	27.55	0.00	25.49	99.59
29/03/2023 16:45:00	70.44	0.00	26.09	99.59

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	$\leq 140 \text{ mg/Nm}^3$	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
29/03/2023 16:50:00	0.00	0.00	25.93	99.59
29/03/2023 16:55:00	44.26	0.00	25.63	99.59
29/03/2023 17:00:00	29.50	0.00	25.35	99.58
29/03/2023 17:05:00	28.01	0.00	25.35	99.59
29/03/2023 17:10:00	44.17	0.00	25.76	99.59
29/03/2023 17:15:00	10.83	0.00	26.12	99.60
29/03/2023 17:20:00	8.70	0.00	25.35	99.63
29/03/2023 17:25:00	10.41	0.00	25.49	99.58
29/03/2023 17:30:00	7.73	0.00	25.65	99.58
29/03/2023 17:35:00	8.56	0.00	25.21	99.57
29/03/2023 17:40:00	9.25	0.00	25.35	99.57
29/03/2023 17:45:00	9.91	0.00	24.74	99.58
29/03/2023 17:50:00	10.03	0.00	25.21	99.59
29/03/2023 17:55:00	10.63	0.00	24.28	99.58
29/03/2023 18:00:00	11.48	0.00	24.58	99.59
29/03/2023 18:05:00	9.21	0.00	24.28	99.60
29/03/2023 18:10:00	10.14	0.00	24.23	99.60
29/03/2023 18:15:00	8.47	0.00	24.28	99.59
29/03/2023 18:20:00	10.37	0.00	24.28	99.59
29/03/2023 18:25:00	9.07	0.00	24.42	99.58
29/03/2023 18:30:00	9.35	0.00	24.30	99.59
29/03/2023 18:35:00	7.96	0.00	24.30	99.59
29/03/2023 18:40:00	10.83	0.00	23.67	99.61
29/03/2023 18:45:00	10.35	0.00	24.00	99.59
29/03/2023 18:50:00	7.31	0.00	24.12	99.62
29/03/2023 18:55:00	10.19	0.00	23.98	99.63
29/03/2023 19:00:00	10.58	0.00	23.51	99.62
29/03/2023 19:05:00	9.03	0.00	23.38	99.65
29/03/2023 19:10:00	8.21	0.00	23.07	99.64
29/03/2023 19:15:00	10.56	0.00	23.87	99.65
29/03/2023 19:20:00	9.98	0.00	23.38	99.65
29/03/2023 19:25:00	8.74	0.00	23.21	99.68
29/03/2023 19:30:00	7.82	0.00	22.80	99.67
29/03/2023 19:35:00	8.47	0.00	22.93	99.65
29/03/2023 19:40:00	8.82	0.00	23.72	99.68
29/03/2023 19:45:00	7.73	0.00	23.09	99.68
29/03/2023 19:50:00	9.91	0.00	23.38	99.69
29/03/2023 19:55:00	9.28	0.00	22.77	99.71
29/03/2023 20:00:00	7.96	0.00	22.80	99.70
29/03/2023 20:05:00	7.56	0.00	23.12	99.73
29/03/2023 20:10:00	7.65	0.00	23.23	99.76
29/03/2023 20:15:00	9.79	0.00	23.07	99.77
29/03/2023 20:20:00	8.63	0.00	22.93	99.80
29/03/2023 20:25:00	7.38	0.00	22.35	99.83
29/03/2023 20:30:00	7.65	0.00	22.33	99.83
29/03/2023 20:35:00	9.05	0.00	23.09	99.83
29/03/2023 20:40:00	8.70	0.00	22.33	99.86
29/03/2023 20:45:00	9.30	0.00	23.09	99.83
29/03/2023 20:50:00	9.49	0.00	22.33	99.83
29/03/2023 20:55:00	7.52	0.00	22.49	99.83
29/03/2023 21:00:00	8.12	0.00	22.03	99.83
29/03/2023 21:05:00	8.23	0.00	22.80	99.86
29/03/2023 21:10:00	9.96	0.00	22.93	99.86
29/03/2023 21:15:00	7.87	0.00	22.65	99.86

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm ³	(-)	(-)	(-)
	PM (mg/Nm ³)	Flow (m ³ /h)	Temp (°C)	P (kPa)
29/03/2023 21:20:00	9.79	0.00	22.19	99.88
29/03/2023 21:25:00	8.19	0.00	22.65	99.88
29/03/2023 21:30:00	8.89	0.00	22.63	99.88
29/03/2023 21:35:00	8.38	0.00	22.84	99.88
29/03/2023 21:40:00	7.54	0.00	22.47	99.86
29/03/2023 21:45:00	7.73	0.00	22.00	99.86
29/03/2023 21:50:00	8.77	0.00	22.33	99.88
29/03/2023 21:55:00	8.31	0.00	21.87	99.88
29/03/2023 22:00:00	7.68	0.00	22.03	99.88
29/03/2023 22:05:00	7.42	0.00	22.16	99.88
29/03/2023 22:10:00	8.65	0.00	22.49	99.92
29/03/2023 22:15:00	7.87	0.00	22.65	99.91
29/03/2023 22:20:00	9.86	0.00	22.16	99.92
29/03/2023 22:25:00	7.35	0.00	22.47	99.94
29/03/2023 22:30:00	7.19	0.00	21.56	99.93
29/03/2023 22:35:00	9.12	0.00	21.71	99.95
29/03/2023 22:40:00	7.89	0.00	22.35	99.94
29/03/2023 22:45:00	9.09	0.00	22.03	99.92
29/03/2023 22:50:00	7.96	0.00	22.03	99.91
29/03/2023 22:55:00	8.09	0.00	21.56	99.88
29/03/2023 23:00:00	8.35	0.00	21.71	99.85
29/03/2023 23:05:00	7.12	0.00	22.19	99.80
29/03/2023 23:10:00	7.68	0.00	22.16	99.77
29/03/2023 23:15:00	6.68	0.00	21.87	99.76
29/03/2023 23:20:00	8.93	0.00	21.87	99.73
29/03/2023 23:25:00	14.97	1,956.21	22.16	99.71
29/03/2023 23:30:00	10.30	0.00	22.19	99.76
29/03/2023 23:35:00	9.16	0.00	21.87	99.78
29/03/2023 23:40:00	9.14	0.00	21.42	99.77
29/03/2023 23:45:00	10.25	0.00	22.03	99.75
29/03/2023 23:50:00	8.61	0.00	22.22	99.78
29/03/2023 23:55:00	7.26	0.00	21.89	99.79