



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: 25/03/2023

Tới: 25/03/2023

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)
25/03/2023 00:00:00	68.70	99,342.34	75.45	99.68
25/03/2023 00:05:00	70.60	100,459.30	76.52	99.64
25/03/2023 00:10:00	71.90	98,182.65	76.05	99.63
25/03/2023 00:15:00	67.15	100,486.76	74.69	99.65
25/03/2023 00:20:00	63.85	99,882.51	76.49	99.63
25/03/2023 00:25:00	68.28	98,600.75	76.49	99.59
25/03/2023 00:30:00	67.98	100,068.67	76.52	99.62
25/03/2023 00:35:00	64.68	97,254.90	75.43	99.62
25/03/2023 00:40:00	67.31	103,169.30	76.19	99.65
25/03/2023 00:45:00	68.86	103,123.52	75.89	99.59
25/03/2023 00:50:00	65.19	97,810.33	75.89	99.52
25/03/2023 00:55:00	66.70	104,200.81	74.65	99.58
25/03/2023 01:00:00	67.09	105,546.65	71.92	99.57
25/03/2023 01:05:00	67.63	102,500.95	71.46	99.58
25/03/2023 01:10:00	66.87	100,477.61	74.20	99.55
25/03/2023 01:15:00	66.64	0.00	74.03	99.60
25/03/2023 01:20:00	61.62	97,560.08	71.76	99.60
25/03/2023 01:25:00	66.80	104,386.97	69.95	99.51
25/03/2023 01:30:00	63.01	102,742.05	71.15	99.50
25/03/2023 01:35:00	64.59	100,968.95	69.78	99.58
25/03/2023 01:40:00	66.01	97,141.99	71.94	99.51
25/03/2023 01:45:00	59.42	101,396.20	69.92	99.59
25/03/2023 01:50:00	67.05	99,400.32	68.28	99.54
25/03/2023 01:55:00	62.10	104,515.14	68.57	99.52
25/03/2023 02:00:00	64.99	104,396.12	69.04	99.51
25/03/2023 02:05:00	60.99	94,282.44	67.81	99.56
25/03/2023 02:10:00	63.27	98,851.00	69.95	99.50
25/03/2023 02:15:00	68.18	94,340.43	70.85	99.46
25/03/2023 02:20:00	64.87	97,755.40	68.90	99.56
25/03/2023 02:25:00	71.07	97,932.40	70.24	99.57
25/03/2023 02:30:00	62.55	82,630.66	70.11	99.48
25/03/2023 02:35:00	41.57	6,710.92	64.19	99.50
25/03/2023 02:40:00	33.39	0.00	57.76	99.48
25/03/2023 02:45:00	49.32	0.00	55.81	99.47
25/03/2023 02:50:00	43.42	0.00	56.41	99.45
25/03/2023 02:55:00	42.03	0.00	55.48	99.44
25/03/2023 03:00:00	42.86	0.00	55.32	99.42
25/03/2023 03:05:00	46.77	0.00	53.81	99.42
25/03/2023 03:10:00	35.79	5,801.48	53.21	99.43
25/03/2023 03:15:00	39.71	0.00	51.98	99.42

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)
25/03/2023 03:20:00	32.63	0.00	52.32	99.41
25/03/2023 03:25:00	41.15	0.00	50.91	99.39
25/03/2023 03:30:00	31.72	5,487.14	49.87	99.38
25/03/2023 03:35:00	32.10	0.00	48.80	99.39
25/03/2023 03:40:00	34.02	0.00	48.33	99.39
25/03/2023 03:45:00	30.56	0.00	47.87	99.40
25/03/2023 03:50:00	28.76	0.00	47.71	99.40
25/03/2023 03:55:00	24.62	0.00	47.40	99.40
25/03/2023 04:00:00	23.02	0.00	44.99	99.39
25/03/2023 04:05:00	36.35	0.00	44.97	99.39
25/03/2023 04:10:00	38.53	0.00	46.80	99.40
25/03/2023 04:15:00	48.34	101,405.36	59.73	99.41
25/03/2023 04:20:00	60.16	101,777.68	68.30	99.39
25/03/2023 04:25:00	63.27	103,669.79	67.97	99.45
25/03/2023 04:30:00	58.42	101,051.35	69.50	99.44
25/03/2023 04:35:00	59.42	98,359.66	67.51	99.51
25/03/2023 04:40:00	63.52	98,609.90	70.08	99.45
25/03/2023 04:45:00	66.91	0.00	68.88	99.52
25/03/2023 04:50:00	66.35	98,905.93	69.67	99.51
25/03/2023 04:55:00	67.26	99,760.43	71.94	99.42
25/03/2023 05:00:00	67.15	100,495.92	71.34	99.56
25/03/2023 05:05:00	67.44	96,659.80	73.31	99.56
25/03/2023 05:10:00	71.25	102,378.88	72.38	99.55
25/03/2023 05:15:00	77.42	105,192.65	73.80	99.56
25/03/2023 05:20:00	68.84	98,063.63	71.50	99.53
25/03/2023 05:25:00	74.06	102,705.42	72.57	99.59
25/03/2023 05:30:00	72.88	29,739.83	75.01	99.61
25/03/2023 05:35:00	63.20	27,985.05	76.07	99.58
25/03/2023 05:40:00	61.16	24,985.12	78.52	99.54
25/03/2023 05:45:00	62.52	28,458.08	74.98	99.51
25/03/2023 05:50:00	90.94	96,064.70	79.26	99.58
25/03/2023 05:55:00	72.27	99,510.19	75.87	99.63
25/03/2023 06:00:00	70.07	102,369.73	76.19	99.56
25/03/2023 06:05:00	72.53	95,609.98	74.82	99.60
25/03/2023 06:10:00	66.24	99,150.07	74.05	99.68
25/03/2023 06:15:00	67.44	97,309.83	72.20	99.65
25/03/2023 06:20:00	64.99	101,759.37	72.98	99.68
25/03/2023 06:25:00	66.26	96,958.88	70.85	99.71
25/03/2023 06:30:00	67.89	0.00	70.71	99.66
25/03/2023 06:35:00	64.19	98,805.22	67.65	99.69
25/03/2023 06:40:00	62.29	97,932.40	67.81	99.71
25/03/2023 06:45:00	63.36	94,218.36	69.32	99.74
25/03/2023 06:50:00	64.84	95,472.65	68.57	99.68
25/03/2023 06:55:00	64.89	97,636.38	68.74	99.67
25/03/2023 07:00:00	65.80	99,882.51	68.88	99.73
25/03/2023 07:05:00	64.06	97,328.15	68.41	99.73
25/03/2023 07:10:00	66.84	100,846.88	71.92	99.74
25/03/2023 07:15:00	71.07	95,863.28	70.08	99.80
25/03/2023 07:20:00	69.23	99,269.09	71.76	99.83
25/03/2023 07:25:00	66.47	96,104.37	69.48	99.75
25/03/2023 07:30:00	73.90	97,755.40	71.78	99.70
25/03/2023 07:35:00	71.11	100,914.02	71.34	99.72
25/03/2023 07:40:00	69.38	101,100.18	73.89	99.76
25/03/2023 07:45:00	69.09	99,259.94	74.49	99.83

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)
25/03/2023 07:50:00	68.67	103,114.37	72.08	99.77
25/03/2023 07:55:00	78.68	100,801.10	73.45	99.75
25/03/2023 08:00:00	65.01	98,664.84	75.27	99.80
25/03/2023 08:05:00	70.42	97,868.31	73.29	99.78
25/03/2023 08:10:00	68.96	102,204.93	76.65	99.81
25/03/2023 08:15:00	71.60	0.00	75.72	99.77
25/03/2023 08:20:00	71.88	98,246.74	75.45	99.80
25/03/2023 08:25:00	75.39	99,882.51	75.43	99.80
25/03/2023 08:30:00	70.95	97,868.31	77.42	99.91
25/03/2023 08:35:00	73.18	101,246.66	76.96	99.85
25/03/2023 08:40:00	72.83	97,569.24	75.72	99.88
25/03/2023 08:45:00	73.83	99,354.54	76.36	99.85
25/03/2023 08:50:00	70.63	97,560.08	78.77	99.88
25/03/2023 08:55:00	74.13	98,237.58	76.79	99.92
25/03/2023 09:00:00	69.12	97,682.15	78.00	99.83
25/03/2023 09:05:00	71.97	99,140.92	75.29	99.86
25/03/2023 09:10:00	72.37	98,664.84	75.89	99.83
25/03/2023 09:15:00	69.42	100,727.86	77.28	99.87
25/03/2023 09:20:00	63.50	97,810.33	73.89	99.85
25/03/2023 09:25:00	70.70	98,600.75	73.91	99.80
25/03/2023 09:30:00	66.29	100,419.62	75.43	99.86
25/03/2023 09:35:00	67.51	102,186.62	74.63	99.92
25/03/2023 09:40:00	70.72	98,341.34	72.96	99.85
25/03/2023 09:45:00	63.34	103,465.32	72.82	99.80
25/03/2023 09:50:00	64.99	103,474.48	73.13	99.86
25/03/2023 09:55:00	63.22	98,368.81	72.98	99.85
25/03/2023 10:00:00	67.75	0.00	71.57	99.82
25/03/2023 10:05:00	57.65	99,800.11	73.13	99.77
25/03/2023 10:10:00	61.76	100,654.61	73.11	99.83
25/03/2023 10:15:00	63.66	100,587.47	71.40	99.80
25/03/2023 10:20:00	56.35	99,696.35	72.36	99.82
25/03/2023 10:25:00	56.70	100,059.51	69.78	99.86
25/03/2023 10:30:00	42.12	10,714.89	70.82	99.83
25/03/2023 10:35:00	34.21	5,774.01	61.10	99.81
25/03/2023 10:40:00	38.90	5,224.69	59.71	99.80
25/03/2023 10:45:00	44.84	0.00	58.48	99.76
25/03/2023 10:50:00	46.67	0.00	58.04	99.77
25/03/2023 10:55:00	45.26	0.00	59.11	99.76
25/03/2023 11:00:00	42.12	5,487.14	56.69	99.76
25/03/2023 11:05:00	43.72	0.00	57.43	99.76
25/03/2023 11:10:00	40.71	0.00	55.62	99.76
25/03/2023 11:15:00	39.50	0.00	54.88	99.75
25/03/2023 11:20:00	38.43	5,050.74	54.99	99.74
25/03/2023 11:25:00	37.92	0.00	54.12	99.74
25/03/2023 11:30:00	36.39	0.00	53.93	99.73
25/03/2023 11:35:00	38.22	0.00	53.02	99.71
25/03/2023 11:40:00	30.98	0.00	51.96	99.69
25/03/2023 11:45:00	41.27	0.00	51.49	99.68
25/03/2023 11:50:00	31.47	92,509.35	53.19	99.63
25/03/2023 11:55:00	58.83	104,682.99	67.62	99.59
25/03/2023 12:00:00	57.82	97,996.49	68.06	99.68
25/03/2023 12:05:00	61.01	99,400.32	69.18	99.67
25/03/2023 12:10:00	55.21	106,669.72	66.88	99.67
25/03/2023 12:15:00	53.86	103,651.48	67.04	99.71

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)
25/03/2023 12:20:00	60.09	97,386.13	67.81	99.64
25/03/2023 12:25:00	58.91	101,014.72	70.37	99.69
25/03/2023 12:30:00	55.26	99,809.26	67.02	99.71
25/03/2023 12:35:00	57.65	100,450.14	70.20	99.65
25/03/2023 12:40:00	62.78	99,809.26	71.29	99.60
25/03/2023 12:45:00	64.92	99,214.16	68.28	99.68
25/03/2023 12:50:00	58.35	99,333.18	70.55	99.65
25/03/2023 12:55:00	65.45	101,274.13	69.02	99.65
25/03/2023 13:00:00	68.02	99,928.28	69.60	99.62
25/03/2023 13:05:00	67.96	98,469.52	71.89	99.62
25/03/2023 13:10:00	70.23	98,228.43	68.86	99.61
25/03/2023 13:15:00	63.34	98,469.52	70.53	99.49
25/03/2023 13:20:00	59.25	103,224.23	72.50	99.55
25/03/2023 13:25:00	59.49	99,205.00	72.53	99.54
25/03/2023 13:30:00	63.73	0.00	70.20	99.54
25/03/2023 13:35:00	63.08	98,286.41	69.92	99.51
25/03/2023 13:40:00	58.86	98,054.47	69.32	99.45
25/03/2023 13:45:00	54.44	103,150.99	69.32	99.48
25/03/2023 13:50:00	60.09	99,992.37	69.76	99.53
25/03/2023 13:55:00	58.76	96,214.24	68.39	99.51
25/03/2023 14:00:00	61.48	96,150.15	68.55	99.54
25/03/2023 14:05:00	60.16	94,572.37	68.99	99.52
25/03/2023 14:10:00	62.10	95,240.71	69.46	99.53
25/03/2023 14:15:00	62.97	98,359.66	70.55	99.43
25/03/2023 14:20:00	65.91	99,333.18	70.53	99.50
25/03/2023 14:25:00	62.06	103,282.22	68.25	99.55
25/03/2023 14:30:00	63.06	102,864.12	69.15	99.49
25/03/2023 14:35:00	64.19	101,274.13	69.48	99.45
25/03/2023 14:40:00	62.59	102,565.04	68.09	99.51
25/03/2023 14:45:00	60.62	97,560.08	67.35	99.47
25/03/2023 14:50:00	59.85	101,042.19	69.48	99.49
25/03/2023 14:55:00	52.61	27,844.66	68.71	99.42
25/03/2023 15:00:00	56.28	28,152.90	72.24	99.50
25/03/2023 15:05:00	64.61	102,269.02	69.97	99.41
25/03/2023 15:10:00	66.26	104,451.06	70.55	99.42
25/03/2023 15:15:00	62.01	0.00	69.32	99.42
25/03/2023 15:20:00	62.36	100,978.10	70.41	99.43
25/03/2023 15:25:00	61.27	100,791.94	70.71	99.42
25/03/2023 15:30:00	62.66	101,341.27	71.62	99.46
25/03/2023 15:35:00	58.09	95,008.77	69.02	99.42
25/03/2023 15:40:00	58.93	100,727.86	69.18	99.47
25/03/2023 15:45:00	69.18	100,978.10	70.11	99.50
25/03/2023 15:50:00	60.00	98,423.74	69.34	99.45
25/03/2023 15:55:00	68.49	98,182.65	69.18	99.40
25/03/2023 16:00:00	61.69	100,560.01	71.18	99.39
25/03/2023 16:05:00	66.26	102,369.73	71.60	99.42
25/03/2023 16:10:00	61.48	99,028.00	68.86	99.31
25/03/2023 16:15:00	64.80	102,610.82	71.46	99.36
25/03/2023 16:20:00	61.04	101,210.04	69.18	99.35
25/03/2023 16:25:00	61.74	102,250.71	71.29	99.31
25/03/2023 16:30:00	63.45	97,810.33	70.08	99.45
25/03/2023 16:35:00	57.93	99,455.25	67.97	99.41
25/03/2023 16:40:00	59.49	100,550.85	69.18	99.53
25/03/2023 16:45:00	66.03	100,300.60	70.82	99.41

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)
25/03/2023 16:50:00	63.99	97,141.99	68.41	99.43
25/03/2023 16:55:00	61.23	96,827.65	70.22	99.45
25/03/2023 17:00:00	62.27	0.00	69.34	99.43
25/03/2023 17:05:00	61.74	101,768.52	70.55	99.45
25/03/2023 17:10:00	65.93	103,178.45	70.41	99.45
25/03/2023 17:15:00	66.82	104,155.03	69.97	99.41
25/03/2023 17:20:00	72.95	101,832.61	71.92	99.44
25/03/2023 17:25:00	63.17	100,596.63	70.11	99.36
25/03/2023 17:30:00	63.94	102,751.20	72.40	99.43
25/03/2023 17:35:00	65.89	104,386.97	70.24	99.48
25/03/2023 17:40:00	64.61	101,536.58	72.71	99.46
25/03/2023 17:45:00	67.93	98,118.56	71.78	99.41
25/03/2023 17:50:00	65.48	102,455.18	70.87	99.45
25/03/2023 17:55:00	70.92	44,187.08	71.48	99.41
25/03/2023 18:00:00	48.42	6,033.42	63.56	99.43
25/03/2023 18:05:00	46.81	0.00	55.79	99.42
25/03/2023 18:10:00	62.43	0.00	54.90	99.40
25/03/2023 18:15:00	49.39	0.00	55.04	99.38
25/03/2023 18:20:00	54.84	5,197.22	55.06	99.39
25/03/2023 18:25:00	49.27	0.00	55.09	99.39
25/03/2023 18:30:00	51.06	0.00	52.95	99.36
25/03/2023 18:35:00	49.02	0.00	52.93	99.34
25/03/2023 18:40:00	45.00	0.00	51.56	99.34
25/03/2023 18:45:00	39.78	0.00	50.35	99.36
25/03/2023 18:50:00	52.48	0.00	49.12	99.35
25/03/2023 18:55:00	54.50	0.00	48.22	99.36
25/03/2023 19:00:00	42.96	6,555.28	47.94	99.39
25/03/2023 19:05:00	53.28	0.00	48.22	99.35
25/03/2023 19:10:00	82.25	27,038.99	46.43	99.35
25/03/2023 19:15:00	60.99	108,860.91	61.63	99.34
25/03/2023 19:20:00	73.27	103,569.09	66.35	99.39
25/03/2023 19:25:00	70.16	104,960.71	67.57	99.42
25/03/2023 19:30:00	69.70	102,101.17	68.62	99.47
25/03/2023 19:35:00	66.08	103,392.08	68.95	99.44
25/03/2023 19:40:00	70.39	102,659.65	67.41	99.47
25/03/2023 19:45:00	67.66	107,710.38	66.95	99.44
25/03/2023 19:50:00	70.37	103,923.09	68.62	99.51
25/03/2023 19:55:00	68.24	101,905.85	69.83	99.40
25/03/2023 20:00:00	70.51	101,487.75	69.69	99.52
25/03/2023 20:05:00	66.45	103,010.61	69.67	99.45
25/03/2023 20:10:00	69.93	100,032.04	67.25	99.45
25/03/2023 20:15:00	68.47	104,960.71	69.53	99.41
25/03/2023 20:20:00	77.15	107,441.82	67.70	99.45
25/03/2023 20:25:00	72.46	102,824.44	68.15	99.62
25/03/2023 20:30:00	73.34	0.00	68.02	99.56
25/03/2023 20:35:00	76.48	104,783.70	67.99	99.56
25/03/2023 20:40:00	70.65	98,982.22	68.13	99.52
25/03/2023 20:45:00	71.97	102,891.58	68.93	99.60
25/03/2023 20:50:00	77.49	104,805.07	71.36	99.62
25/03/2023 20:55:00	69.38	106,865.03	70.62	99.60
25/03/2023 21:00:00	75.17	105,760.28	72.01	99.61
25/03/2023 21:05:00	72.74	97,895.78	70.76	99.56
25/03/2023 21:10:00	74.15	102,769.51	72.27	99.65
25/03/2023 21:15:00	72.72	106,373.69	68.93	99.69

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)
25/03/2023 21:20:00	81.61	107,042.04	68.79	99.58
25/03/2023 21:25:00	76.36	99,501.03	69.99	99.65
25/03/2023 21:30:00	76.10	101,728.85	69.83	99.65
25/03/2023 21:35:00	80.63	100,810.25	72.13	99.68
25/03/2023 21:40:00	79.31	102,409.40	70.60	99.66
25/03/2023 21:45:00	82.16	103,932.25	72.59	99.72
25/03/2023 21:50:00	80.93	101,118.49	70.29	99.59
25/03/2023 21:55:00	76.45	99,177.54	70.73	99.65
25/03/2023 22:00:00	76.91	103,373.77	68.76	99.62
25/03/2023 22:05:00	77.49	100,633.25	68.46	99.62
25/03/2023 22:10:00	71.46	101,795.99	70.46	99.71
25/03/2023 22:15:00	77.78	0.00	71.04	99.67
25/03/2023 22:20:00	80.33	103,746.09	69.06	99.72
25/03/2023 22:25:00	74.32	103,141.83	69.37	99.66
25/03/2023 22:30:00	72.18	100,318.91	70.13	99.63
25/03/2023 22:35:00	80.93	102,378.88	71.78	99.74
25/03/2023 22:40:00	74.71	104,347.30	69.67	99.67
25/03/2023 22:45:00	74.78	100,932.33	72.73	99.61
25/03/2023 22:50:00	79.10	98,368.81	71.66	99.65
25/03/2023 22:55:00	76.80	107,106.13	70.87	99.62
25/03/2023 23:00:00	78.93	101,301.59	72.71	99.68
25/03/2023 23:05:00	78.13	102,528.42	70.73	99.73
25/03/2023 23:10:00	69.09	99,232.47	70.60	99.74
25/03/2023 23:15:00	73.18	99,836.73	71.66	99.72
25/03/2023 23:20:00	71.95	102,455.18	71.82	99.68
25/03/2023 23:25:00	75.24	103,614.86	71.80	99.67
25/03/2023 23:30:00	78.87	102,156.10	70.44	99.68
25/03/2023 23:35:00	75.06	104,042.11	72.43	99.68
25/03/2023 23:40:00	71.67	103,746.09	73.33	99.72
25/03/2023 23:45:00	78.63	99,537.65	70.87	99.68
25/03/2023 23:50:00	78.29	102,882.43	71.18	99.74
25/03/2023 23:55:00	84.53	100,801.10	71.94	99.74