



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: 24/03/2023

Tới: 24/03/2023

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)
24/03/2023 00:00:00	64.57	98,481.73	69.04	99.18
24/03/2023 00:05:00	71.63	99,333.18	71.15	99.09
24/03/2023 00:10:00	61.57	53,260.09	70.69	99.13
24/03/2023 00:15:00	49.07	9,628.44	69.34	99.18
24/03/2023 00:20:00	36.42	0.00	59.29	99.13
24/03/2023 00:25:00	49.67	0.00	56.39	99.11
24/03/2023 00:30:00	42.86	0.00	56.22	99.10
24/03/2023 00:35:00	43.08	0.00	54.74	99.11
24/03/2023 00:40:00	40.20	0.00	54.86	99.08
24/03/2023 00:45:00	38.51	0.00	53.05	99.05
24/03/2023 00:50:00	45.77	0.00	53.19	99.09
24/03/2023 00:55:00	34.39	0.00	52.30	99.08
24/03/2023 01:00:00	38.55	0.00	51.07	99.05
24/03/2023 01:05:00	37.44	0.00	50.14	99.06
24/03/2023 01:10:00	33.84	0.00	49.84	99.05
24/03/2023 01:15:00	32.42	0.00	48.17	99.04
24/03/2023 01:20:00	31.68	0.00	48.36	99.07
24/03/2023 01:25:00	34.26	0.00	48.65	99.05
24/03/2023 01:30:00	53.54	12,692.45	48.36	99.03
24/03/2023 01:35:00	51.64	104,328.98	62.01	98.95
24/03/2023 01:40:00	58.58	103,727.78	66.90	99.06
24/03/2023 01:45:00	63.52	100,440.99	67.48	99.13
24/03/2023 01:50:00	63.99	98,851.00	70.11	99.06
24/03/2023 01:55:00	64.59	103,791.87	67.81	99.08
24/03/2023 02:00:00	63.55	105,128.56	70.71	99.13
24/03/2023 02:05:00	62.59	98,237.58	71.48	99.10
24/03/2023 02:10:00	65.48	96,714.73	69.81	99.09
24/03/2023 02:15:00	63.01	102,632.18	70.71	99.08
24/03/2023 02:20:00	67.17	103,718.62	72.06	99.15
24/03/2023 02:25:00	66.40	99,400.32	71.18	99.08
24/03/2023 02:30:00	61.14	0.00	69.67	99.08
24/03/2023 02:35:00	70.09	103,364.61	72.38	99.12
24/03/2023 02:40:00	65.40	95,872.43	71.80	99.10
24/03/2023 02:45:00	66.49	98,982.22	72.57	99.17
24/03/2023 02:50:00	69.49	99,650.57	73.62	99.04
24/03/2023 02:55:00	65.71	96,723.89	72.55	99.09
24/03/2023 03:00:00	69.83	100,682.08	73.45	99.15
24/03/2023 03:05:00	67.03	94,349.58	72.87	99.17
24/03/2023 03:10:00	65.80	103,355.46	75.59	99.16
24/03/2023 03:15:00	70.39	101,100.18	73.75	99.13

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)
24/03/2023 03:20:00	72.85	101,033.04	73.75	99.09
24/03/2023 03:25:00	69.23	101,768.52	75.12	99.14
24/03/2023 03:30:00	56.56	28,143.74	74.38	99.17
24/03/2023 03:35:00	53.99	27,307.55	75.31	99.12
24/03/2023 03:40:00	61.76	103,251.70	75.78	99.08
24/03/2023 03:45:00	73.04	101,274.13	77.70	99.10
24/03/2023 03:50:00	71.53	99,882.51	77.72	99.12
24/03/2023 03:55:00	73.32	97,801.17	75.91	99.06
24/03/2023 04:00:00	67.51	98,673.99	75.14	99.16
24/03/2023 04:05:00	67.84	97,569.24	77.12	99.19
24/03/2023 04:10:00	74.04	102,500.95	76.36	99.14
24/03/2023 04:15:00	73.69	0.00	76.19	99.14
24/03/2023 04:20:00	71.76	101,701.38	74.05	99.13
24/03/2023 04:25:00	68.28	99,400.32	76.96	99.16
24/03/2023 04:30:00	70.42	97,328.15	73.91	99.13
24/03/2023 04:35:00	64.77	99,159.23	76.38	99.12
24/03/2023 04:40:00	68.86	98,423.74	75.45	99.15
24/03/2023 04:45:00	66.08	97,764.55	74.24	99.18
24/03/2023 04:50:00	71.25	98,582.44	75.45	99.26
24/03/2023 04:55:00	71.14	101,042.19	74.98	99.12
24/03/2023 05:00:00	69.05	95,686.27	75.14	99.22
24/03/2023 05:05:00	71.92	97,578.39	74.85	99.23
24/03/2023 05:10:00	74.06	96,168.46	75.45	99.24
24/03/2023 05:15:00	73.66	98,490.88	76.81	99.25
24/03/2023 05:20:00	76.91	95,991.45	77.12	99.19
24/03/2023 05:25:00	68.89	98,609.90	75.45	99.25
24/03/2023 05:30:00	69.54	98,673.99	75.91	99.24
24/03/2023 05:35:00	72.41	93,614.10	77.14	99.29
24/03/2023 05:40:00	69.93	98,554.97	77.58	99.24
24/03/2023 05:45:00	70.02	101,591.52	77.58	99.26
24/03/2023 05:50:00	69.67	99,354.54	74.54	99.27
24/03/2023 05:55:00	74.17	101,283.28	77.28	99.25
24/03/2023 06:00:00	71.00	0.00	76.68	99.29
24/03/2023 06:05:00	71.90	96,910.05	78.65	99.27
24/03/2023 06:10:00	71.79	90,745.40	75.75	99.37
24/03/2023 06:15:00	71.95	101,591.52	77.26	99.30
24/03/2023 06:20:00	73.72	95,136.95	78.65	99.35
24/03/2023 06:25:00	80.03	102,027.92	77.45	99.31
24/03/2023 06:30:00	70.53	95,805.29	74.82	99.30
24/03/2023 06:35:00	72.97	99,223.32	74.22	99.29
24/03/2023 06:40:00	67.12	100,663.77	76.79	99.36
24/03/2023 06:45:00	67.05	98,564.13	74.82	99.37
24/03/2023 06:50:00	60.51	102,378.88	72.38	99.39
24/03/2023 06:55:00	62.04	96,287.48	70.99	99.34
24/03/2023 07:00:00	65.48	99,333.18	72.22	99.37
24/03/2023 07:05:00	61.83	99,455.25	70.24	99.34
24/03/2023 07:10:00	62.97	98,469.52	72.36	99.36
24/03/2023 07:15:00	66.24	103,114.37	71.15	99.39
24/03/2023 07:20:00	64.39	99,455.25	69.92	99.41
24/03/2023 07:25:00	63.36	94,636.45	68.88	99.43
24/03/2023 07:30:00	61.99	100,737.01	70.85	99.36
24/03/2023 07:35:00	61.23	100,178.53	72.22	99.42
24/03/2023 07:40:00	61.20	100,791.94	70.24	99.42
24/03/2023 07:45:00	59.67	0.00	71.46	99.47

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)
24/03/2023 07:50:00	67.33	100,459.30	70.69	99.43
24/03/2023 07:55:00	65.38	100,477.61	71.15	99.48
24/03/2023 08:00:00	60.62	97,181.66	71.73	99.42
24/03/2023 08:05:00	61.97	100,486.76	71.78	99.51
24/03/2023 08:10:00	64.68	98,481.73	71.02	99.42
24/03/2023 08:15:00	63.59	100,004.58	74.29	99.44
24/03/2023 08:20:00	67.44	100,914.02	73.13	99.45
24/03/2023 08:25:00	65.57	103,038.07	74.49	99.53
24/03/2023 08:30:00	64.57	99,250.78	72.82	99.50
24/03/2023 08:35:00	67.96	100,309.76	75.59	99.55
24/03/2023 08:40:00	64.66	101,951.63	76.03	99.51
24/03/2023 08:45:00	68.82	99,519.34	75.12	99.49
24/03/2023 08:50:00	72.48	96,095.22	76.49	99.54
24/03/2023 08:55:00	65.42	97,868.31	77.86	99.48
24/03/2023 09:00:00	65.89	98,841.84	78.32	99.54
24/03/2023 09:05:00	69.89	96,104.37	75.45	99.54
24/03/2023 09:10:00	69.56	94,886.70	75.45	99.51
24/03/2023 09:15:00	66.08	99,101.24	76.84	99.56
24/03/2023 09:20:00	64.41	100,746.17	78.05	99.51
24/03/2023 09:25:00	72.32	101,228.35	78.81	99.53
24/03/2023 09:30:00	68.12	0.00	76.65	99.62
24/03/2023 09:35:00	71.27	102,787.82	77.90	99.59
24/03/2023 09:40:00	69.28	98,005.65	78.52	99.47
24/03/2023 09:45:00	69.18	97,709.62	78.37	99.54
24/03/2023 09:50:00	72.53	100,700.39	78.49	99.55
24/03/2023 09:55:00	70.70	98,146.03	80.97	99.61
24/03/2023 10:00:00	71.34	99,482.72	80.53	99.55
24/03/2023 10:05:00	74.11	99,845.88	81.11	99.64
24/03/2023 10:10:00	72.99	52,610.06	82.81	99.49
24/03/2023 10:15:00	48.34	7,574.58	72.89	99.57
24/03/2023 10:20:00	45.79	6,906.23	64.35	99.57
24/03/2023 10:25:00	51.74	7,205.31	64.79	99.54
24/03/2023 10:30:00	48.18	6,359.96	62.38	99.54
24/03/2023 10:35:00	48.04	7,992.68	62.21	99.53
24/03/2023 10:40:00	47.60	6,536.96	61.15	99.51
24/03/2023 10:45:00	47.69	7,251.09	60.31	99.50
24/03/2023 10:50:00	51.74	7,446.40	57.92	99.50
24/03/2023 10:55:00	46.37	5,969.33	57.62	99.48
24/03/2023 11:00:00	41.94	5,123.98	57.46	99.47
24/03/2023 11:05:00	40.80	0.00	56.71	99.48
24/03/2023 11:10:00	41.87	0.00	54.86	99.47
24/03/2023 11:15:00	40.63	0.00	55.62	99.45
24/03/2023 11:20:00	34.26	5,236.90	54.86	99.44
24/03/2023 11:25:00	44.37	0.00	54.25	99.45
24/03/2023 11:30:00	38.18	6,274.51	53.65	99.42
24/03/2023 11:35:00	38.83	0.00	52.58	99.45
24/03/2023 11:40:00	34.58	5,224.69	51.65	99.44
24/03/2023 11:45:00	28.71	0.00	51.51	99.50
24/03/2023 11:50:00	32.79	6,024.26	51.49	99.49
24/03/2023 11:55:00	33.21	0.00	50.58	99.46
24/03/2023 12:00:00	47.67	99,140.92	62.17	99.46
24/03/2023 12:05:00	63.04	99,632.26	75.56	99.45
24/03/2023 12:10:00	58.53	98,713.66	75.27	99.44
24/03/2023 12:15:00	64.99	99,568.17	74.94	99.45

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)
24/03/2023 12:20:00	61.20	92,973.22	76.94	99.46
24/03/2023 12:25:00	60.51	103,318.84	75.87	99.34
24/03/2023 12:30:00	63.08	101,274.13	78.00	99.41
24/03/2023 12:35:00	63.24	99,751.28	78.16	99.42
24/03/2023 12:40:00	63.34	98,518.35	76.89	99.40
24/03/2023 12:45:00	59.67	95,600.82	76.03	99.42
24/03/2023 12:50:00	61.76	99,809.26	77.07	99.45
24/03/2023 12:55:00	65.50	100,041.20	78.28	99.40
24/03/2023 13:00:00	65.96	0.00	79.05	99.35
24/03/2023 13:05:00	66.73	98,219.27	78.90	99.28
24/03/2023 13:10:00	65.96	101,078.81	79.97	99.34
24/03/2023 13:15:00	61.04	99,501.03	77.84	99.36
24/03/2023 13:20:00	62.66	96,095.22	78.47	99.26
24/03/2023 13:25:00	66.12	96,873.43	79.65	99.34
24/03/2023 13:30:00	67.58	96,937.51	81.62	99.30
24/03/2023 13:35:00	68.63	100,169.38	80.44	99.34
24/03/2023 13:40:00	66.12	92,118.72	81.48	99.32
24/03/2023 13:45:00	67.51	98,146.03	82.86	99.27
24/03/2023 13:50:00	77.49	94,969.10	81.48	99.29
24/03/2023 13:55:00	70.81	94,932.48	80.12	99.34
24/03/2023 14:00:00	76.04	99,064.62	80.58	99.31
24/03/2023 14:05:00	63.75	97,959.87	80.72	99.26
24/03/2023 14:10:00	62.74	99,064.62	80.86	99.28
24/03/2023 14:15:00	63.59	94,554.06	81.32	99.28
24/03/2023 14:20:00	66.42	96,754.41	81.02	99.22
24/03/2023 14:25:00	60.27	95,759.52	79.65	99.22
24/03/2023 14:30:00	60.46	97,727.93	77.84	99.23
24/03/2023 14:35:00	57.79	97,618.07	78.44	99.27
24/03/2023 14:40:00	57.84	96,995.50	79.51	99.24
24/03/2023 14:45:00	58.60	0.00	79.63	99.25
24/03/2023 14:50:00	58.93	92,777.90	76.28	99.24
24/03/2023 14:55:00	59.32	98,683.15	76.56	99.24
24/03/2023 15:00:00	57.58	101,728.85	79.32	99.24
24/03/2023 15:05:00	56.91	102,400.24	76.56	99.16
24/03/2023 15:10:00	62.94	98,396.28	76.10	99.22
24/03/2023 15:15:00	58.25	97,596.70	77.21	99.16
24/03/2023 15:20:00	70.88	99,546.81	76.12	99.31
24/03/2023 15:25:00	62.36	101,738.00	78.86	99.21
24/03/2023 15:30:00	64.66	97,355.61	78.42	99.22
24/03/2023 15:35:00	61.43	94,914.17	76.89	99.22
24/03/2023 15:40:00	63.34	96,086.06	79.95	99.18
24/03/2023 15:45:00	62.20	98,045.32	76.89	99.24
24/03/2023 15:50:00	68.14	100,337.22	79.51	99.24
24/03/2023 15:55:00	65.33	101,628.14	77.96	99.24
24/03/2023 16:00:00	63.22	95,954.83	79.63	99.05
24/03/2023 16:05:00	69.18	98,396.28	77.54	99.19
24/03/2023 16:10:00	61.92	95,909.06	77.54	99.16
24/03/2023 16:15:00	64.89	102,232.39	78.61	99.18
24/03/2023 16:20:00	62.20	101,942.47	77.40	99.17
24/03/2023 16:25:00	61.46	99,742.12	76.31	99.28
24/03/2023 16:30:00	66.98	0.00	76.47	99.14
24/03/2023 16:35:00	65.87	95,054.55	76.01	99.19
24/03/2023 16:40:00	66.68	100,291.45	78.30	99.18
24/03/2023 16:45:00	65.48	104,432.75	78.77	99.18

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)
24/03/2023 16:50:00	67.22	98,768.60	76.33	99.24
24/03/2023 16:55:00	68.31	98,713.66	78.61	99.13
24/03/2023 17:00:00	65.33	104,737.93	77.68	99.16
24/03/2023 17:05:00	67.44	95,658.81	78.61	99.15
24/03/2023 17:10:00	66.08	94,691.39	77.07	99.23
24/03/2023 17:15:00	65.29	100,541.70	76.17	99.17
24/03/2023 17:20:00	64.77	96,522.47	77.26	99.17
24/03/2023 17:25:00	64.59	102,973.98	79.03	99.16
24/03/2023 17:30:00	43.54	8,038.45	74.85	99.21
24/03/2023 17:35:00	36.95	0.00	64.61	99.21
24/03/2023 17:40:00	43.93	0.00	63.38	99.20
24/03/2023 17:45:00	45.44	0.00	63.40	99.20
24/03/2023 17:50:00	42.54	0.00	63.05	99.20
24/03/2023 17:55:00	45.88	0.00	60.80	99.23
24/03/2023 18:00:00	45.04	0.00	61.24	99.21
24/03/2023 18:05:00	36.95	0.00	59.91	99.24
24/03/2023 18:10:00	46.49	0.00	58.22	99.22
24/03/2023 18:15:00	57.95	0.00	58.55	99.25
24/03/2023 18:20:00	61.41	0.00	57.02	99.24
24/03/2023 18:25:00	45.62	0.00	55.95	99.26
24/03/2023 18:30:00	38.06	0.00	55.62	99.24
24/03/2023 18:35:00	45.28	0.00	55.46	99.24
24/03/2023 18:40:00	48.13	0.00	53.21	99.26
24/03/2023 18:45:00	35.09	0.00	54.25	99.26
24/03/2023 18:50:00	36.16	0.00	51.88	99.27
24/03/2023 18:55:00	31.96	0.00	52.12	99.26
24/03/2023 19:00:00	39.92	0.00	51.79	99.25
24/03/2023 19:05:00	23.14	0.00	48.61	99.27
24/03/2023 19:10:00	30.98	0.00	47.40	99.28
24/03/2023 19:15:00	40.66	106,279.09	55.28	99.23
24/03/2023 19:20:00	64.48	96,113.53	73.01	99.29
24/03/2023 19:25:00	69.79	101,582.36	73.89	99.30
24/03/2023 19:30:00	64.26	99,705.50	74.22	99.38
24/03/2023 19:35:00	66.80	101,896.70	73.45	99.38
24/03/2023 19:40:00	70.00	96,409.55	73.29	99.39
24/03/2023 19:45:00	67.89	101,527.43	71.92	99.34
24/03/2023 19:50:00	69.12	100,428.78	72.38	99.38
24/03/2023 19:55:00	68.72	104,765.39	72.38	99.41
24/03/2023 20:00:00	69.02	0.00	74.24	99.33
24/03/2023 20:05:00	64.68	102,687.11	74.22	99.43
24/03/2023 20:10:00	71.56	101,896.70	75.14	99.45
24/03/2023 20:15:00	71.69	99,705.50	72.71	99.50
24/03/2023 20:20:00	65.29	101,618.98	76.07	99.49
24/03/2023 20:25:00	70.05	98,118.56	75.59	99.41
24/03/2023 20:30:00	62.10	102,937.36	75.91	99.45
24/03/2023 20:35:00	66.91	102,323.95	77.10	99.48
24/03/2023 20:40:00	70.37	96,354.62	75.75	99.42
24/03/2023 20:45:00	66.66	99,159.23	77.28	99.44
24/03/2023 20:50:00	68.98	101,582.36	75.59	99.56
24/03/2023 20:55:00	73.55	101,164.26	76.23	99.54
24/03/2023 21:00:00	70.56	96,595.71	76.05	99.48
24/03/2023 21:05:00	70.25	99,391.17	77.40	99.52
24/03/2023 21:10:00	71.05	95,191.88	76.98	99.48
24/03/2023 21:15:00	69.74	97,328.15	75.59	99.54

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)
24/03/2023 21:20:00	69.89	98,182.65	77.58	99.59
24/03/2023 21:25:00	69.83	97,569.24	78.35	99.55
24/03/2023 21:30:00	65.08	96,409.55	74.98	99.55
24/03/2023 21:35:00	73.27	100,672.92	74.69	99.57
24/03/2023 21:40:00	75.31	96,531.62	77.86	99.58
24/03/2023 21:45:00	72.18	0.00	76.96	99.51
24/03/2023 21:50:00	68.14	96,086.06	76.19	99.52
24/03/2023 21:55:00	69.60	98,841.84	75.72	99.65
24/03/2023 22:00:00	72.92	100,013.73	76.98	99.68
24/03/2023 22:05:00	69.51	99,278.25	77.88	99.55
24/03/2023 22:10:00	68.84	94,895.86	75.31	99.60
24/03/2023 22:15:00	70.74	100,428.78	77.72	99.67
24/03/2023 22:20:00	71.37	99,046.31	77.88	99.64
24/03/2023 22:25:00	68.89	101,228.35	76.96	99.65
24/03/2023 22:30:00	68.31	100,196.84	75.61	99.63
24/03/2023 22:35:00	69.72	100,004.58	78.52	99.63
24/03/2023 22:40:00	72.99	99,882.51	78.49	99.68
24/03/2023 22:45:00	66.29	96,531.62	77.19	99.61
24/03/2023 22:50:00	66.77	98,072.79	77.45	99.65
24/03/2023 22:55:00	72.50	102,751.20	77.12	99.71
24/03/2023 23:00:00	68.24	102,323.95	77.42	99.66
24/03/2023 23:05:00	69.65	100,856.03	74.82	99.60
24/03/2023 23:10:00	70.12	99,214.16	76.19	99.64
24/03/2023 23:15:00	68.54	96,958.88	76.81	99.71
24/03/2023 23:20:00	71.34	100,059.51	74.49	99.63
24/03/2023 23:25:00	70.74	100,672.92	73.47	99.72
24/03/2023 23:30:00	69.60	0.00	76.96	99.69
24/03/2023 23:35:00	76.75	96,781.87	74.52	99.65
24/03/2023 23:40:00	68.56	95,796.14	75.43	99.63
24/03/2023 23:45:00	66.91	100,004.58	74.69	99.68
24/03/2023 23:50:00	69.63	99,882.51	76.96	99.64
24/03/2023 23:55:00	69.00	100,004.58	74.98	99.65