



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

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiền xi

Thời gian báo cáo: Từ: 22/03/2023

Tới: 22/03/2023

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)
22/03/2023 00:00:00	55.93	226,314.19	80.96	99.44
22/03/2023 00:05:00	53.16	231,639.58	80.96	99.39
22/03/2023 00:10:00	41.26	228,427.56	78.65	99.38
22/03/2023 00:15:00	54.14	0.00	81.86	99.44
22/03/2023 00:20:00	48.96	230,426.48	80.03	99.42
22/03/2023 00:25:00	56.42	220,546.27	78.96	99.46
22/03/2023 00:30:00	44.40	221,705.95	78.19	99.40
22/03/2023 00:35:00	54.67	220,035.09	78.98	99.41
22/03/2023 00:40:00	48.82	219,844.36	78.96	99.50
22/03/2023 00:45:00	53.28	213,336.39	80.35	99.40
22/03/2023 00:50:00	55.79	226,894.03	80.32	99.43
22/03/2023 00:55:00	56.75	222,011.14	78.65	99.43
22/03/2023 01:00:00	53.03	220,477.61	79.88	99.40
22/03/2023 01:05:00	48.23	229,800.88	81.86	99.40
22/03/2023 01:10:00	47.72	225,680.94	79.88	99.31
22/03/2023 01:15:00	55.40	228,709.84	79.26	99.34
22/03/2023 01:20:00	47.19	224,010.06	81.86	99.32
22/03/2023 01:25:00	46.01	221,011.67	80.47	99.34
22/03/2023 01:30:00	59.09	237,239.64	80.03	99.34
22/03/2023 01:35:00	53.63	223,407.34	83.54	99.34
22/03/2023 01:40:00	53.67	217,128.25	83.07	99.34
22/03/2023 01:45:00	62.42	229,472.80	82.60	99.38
22/03/2023 01:50:00	44.30	178,362.70	85.05	99.32
22/03/2023 01:55:00	49.58	138,872.36	80.32	99.29
22/03/2023 02:00:00	46.33	0.00	81.25	99.34
22/03/2023 02:05:00	54.98	102,388.04	77.88	99.30
22/03/2023 02:10:00	43.59	232,539.86	76.81	99.28
22/03/2023 02:15:00	45.65	224,284.73	76.21	99.33
22/03/2023 02:20:00	50.07	210,704.20	78.32	99.30
22/03/2023 02:25:00	57.28	214,030.67	80.16	99.26
22/03/2023 02:30:00	43.63	232,684.81	79.56	99.27
22/03/2023 02:35:00	53.00	213,450.83	80.03	99.23
22/03/2023 02:40:00	56.35	211,314.56	79.72	99.29
22/03/2023 02:45:00	43.96	219,104.30	79.10	99.31
22/03/2023 02:50:00	45.01	213,778.91	78.37	99.34
22/03/2023 02:55:00	47.70	226,405.73	77.88	99.26
22/03/2023 03:00:00	57.33	221,705.95	79.12	99.29
22/03/2023 03:05:00	50.33	222,194.25	79.88	99.29
22/03/2023 03:10:00	46.03	226,123.45	77.26	99.28
22/03/2023 03:15:00	44.40	219,569.70	77.72	99.23

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)
22/03/2023 03:20:00	50.26	222,262.91	77.74	99.27
22/03/2023 03:25:00	43.89	220,035.09	75.30	99.32
22/03/2023 03:30:00	53.31	227,634.09	78.49	99.31
22/03/2023 03:35:00	45.14	226,268.41	75.91	99.34
22/03/2023 03:40:00	45.94	224,567.03	77.10	99.28
22/03/2023 03:45:00	51.84	0.00	76.03	99.26
22/03/2023 03:50:00	49.79	218,173.50	80.14	99.28
22/03/2023 03:55:00	49.89	216,960.41	79.10	99.28
22/03/2023 04:00:00	53.91	222,476.55	79.86	99.29
22/03/2023 04:05:00	55.79	226,726.19	78.35	99.19
22/03/2023 04:10:00	55.73	209,033.34	78.79	99.23
22/03/2023 04:15:00	46.89	224,589.91	79.47	99.28
22/03/2023 04:20:00	49.56	220,477.61	79.39	99.21
22/03/2023 04:25:00	57.60	216,197.45	82.44	99.26
22/03/2023 04:30:00	61.21	227,779.05	82.63	99.34
22/03/2023 04:35:00	55.67	217,006.19	80.77	99.29
22/03/2023 04:40:00	50.12	217,708.09	82.30	99.26
22/03/2023 04:45:00	53.93	218,776.23	83.21	99.27
22/03/2023 04:50:00	54.82	226,215.00	82.91	99.32
22/03/2023 04:55:00	46.70	210,406.66	83.67	99.33
22/03/2023 05:00:00	50.91	209,475.84	81.38	99.27
22/03/2023 05:05:00	46.91	207,942.31	81.67	99.30
22/03/2023 05:10:00	57.84	210,215.92	82.28	99.33
22/03/2023 05:15:00	64.51	226,268.41	82.74	99.31
22/03/2023 05:20:00	47.75	224,429.69	83.96	99.28
22/03/2023 05:25:00	55.05	212,520.03	85.33	99.35
22/03/2023 05:30:00	70.65	0.00	86.69	99.36
22/03/2023 05:35:00	60.72	210,078.58	88.23	99.40
22/03/2023 05:40:00	61.39	168,291.75	88.56	99.36
22/03/2023 05:45:00	57.82	140,962.84	85.35	99.40
22/03/2023 05:50:00	53.38	99,778.74	82.56	99.40
22/03/2023 05:55:00	54.18	37,972.08	84.42	99.35
22/03/2023 06:00:00	39.57	17,830.17	76.95	99.36
22/03/2023 06:05:00	43.12	18,600.75	72.84	99.37
22/03/2023 06:10:00	36.93	17,364.77	71.02	99.37
22/03/2023 06:15:00	34.38	15,716.79	65.07	99.38
22/03/2023 06:20:00	31.87	15,251.39	63.70	99.37
22/03/2023 06:25:00	29.98	17,387.66	62.17	99.37
22/03/2023 06:30:00	24.22	15,899.90	60.05	99.37
22/03/2023 06:35:00	27.10	17,181.66	58.85	99.37
22/03/2023 06:40:00	25.01	14,808.88	57.75	99.37
22/03/2023 06:45:00	22.69	17,250.32	55.77	99.37
22/03/2023 06:50:00	25.71	16,922.26	54.86	99.37
22/03/2023 06:55:00	17.83	14,648.66	53.64	99.36
22/03/2023 07:00:00	22.38	15,877.01	53.33	99.37
22/03/2023 07:05:00	22.99	14,343.48	52.86	99.37
22/03/2023 07:10:00	14.78	15,716.79	52.08	99.39
22/03/2023 07:15:00	16.06	0.00	52.29	99.40
22/03/2023 07:20:00	18.94	15,877.01	51.48	99.39
22/03/2023 07:25:00	17.85	17,112.99	49.49	99.38
22/03/2023 07:30:00	18.59	16,647.59	48.73	99.39
22/03/2023 07:35:00	11.78	15,434.50	48.42	99.40
22/03/2023 07:40:00	14.92	17,273.21	48.42	99.41
22/03/2023 07:45:00	13.71	16,044.86	47.05	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)
22/03/2023 07:50:00	12.69	14,991.99	47.38	99.42
22/03/2023 07:55:00	15.06	17,273.21	46.75	99.42
22/03/2023 08:00:00	13.48	18,623.64	46.98	99.43
22/03/2023 08:05:00	14.64	15,411.61	46.31	99.44
22/03/2023 08:10:00	11.73	14,831.77	45.54	99.44
22/03/2023 08:15:00	11.73	14,229.04	45.85	99.42
22/03/2023 08:20:00	13.90	16,533.15	44.34	99.44
22/03/2023 08:25:00	12.13	15,159.84	45.40	99.46
22/03/2023 08:30:00	11.51	17,601.28	43.87	99.46
22/03/2023 08:35:00	10.93	15,159.84	42.96	99.45
22/03/2023 08:40:00	13.18	15,159.84	44.03	99.46
22/03/2023 08:45:00	10.99	15,297.17	43.73	99.46
22/03/2023 08:50:00	12.20	15,625.24	42.98	99.46
22/03/2023 08:55:00	15.15	14,557.11	43.10	99.48
22/03/2023 09:00:00	10.86	0.00	42.20	99.48
22/03/2023 09:05:00	10.90	12,550.55	42.05	99.46
22/03/2023 09:10:00	10.41	14,557.11	41.89	99.45
22/03/2023 09:15:00	10.32	15,182.73	41.92	99.46
22/03/2023 09:20:00	9.64	14,389.26	41.59	99.44
22/03/2023 09:25:00	12.20	13,946.75	42.20	99.46
22/03/2023 09:30:00	10.60	15,136.95	40.52	99.44
22/03/2023 09:35:00	8.55	15,320.06	40.38	99.43
22/03/2023 09:40:00	11.76	14,389.26	40.22	99.43
22/03/2023 09:45:00	6.97	15,159.84	41.29	99.43
22/03/2023 09:50:00	11.80	13,160.91	39.76	99.42
22/03/2023 09:55:00	10.11	13,038.83	40.83	99.45
22/03/2023 10:00:00	8.13	14,389.26	39.92	99.44
22/03/2023 10:05:00	8.11	15,114.06	39.31	99.42
22/03/2023 10:10:00	7.97	14,557.11	40.38	99.42
22/03/2023 10:15:00	8.00	14,991.99	40.83	99.43
22/03/2023 10:20:00	7.39	14,091.71	40.52	99.42
22/03/2023 10:25:00	11.11	14,854.66	40.25	99.43
22/03/2023 10:30:00	8.58	14,717.33	40.25	99.41
22/03/2023 10:35:00	6.65	13,786.53	39.45	99.40
22/03/2023 10:40:00	9.67	14,389.26	39.31	99.41
22/03/2023 10:45:00	7.13	0.00	40.05	99.40
22/03/2023 10:50:00	7.80	12,718.39	40.05	99.40
22/03/2023 10:55:00	9.34	12,252.99	40.05	99.37
22/03/2023 11:00:00	7.87	13,115.13	39.61	99.37
22/03/2023 11:05:00	7.83	14,251.93	40.05	99.37
22/03/2023 11:10:00	9.18	13,015.95	38.25	99.36
22/03/2023 11:15:00	7.23	14,557.11	39.31	99.35
22/03/2023 11:20:00	5.62	12,878.61	38.27	99.34
22/03/2023 11:25:00	6.81	12,436.10	38.54	99.32
22/03/2023 11:30:00	5.85	13,015.95	39.59	99.32
22/03/2023 11:35:00	8.09	13,183.79	38.68	99.32
22/03/2023 11:40:00	6.04	13,275.35	39.48	99.30
22/03/2023 11:45:00	6.85	12,878.61	39.31	99.29
22/03/2023 11:50:00	8.02	11,650.26	39.01	99.29
22/03/2023 11:55:00	5.49	12,504.77	38.54	99.27
22/03/2023 12:00:00	6.65	12,718.39	38.57	99.27
22/03/2023 12:05:00	5.71	13,649.20	38.85	99.27
22/03/2023 12:10:00	4.78	13,786.53	38.54	99.26
22/03/2023 12:15:00	6.83	14,251.93	38.85	99.26

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)
22/03/2023 12:20:00	5.02	13,786.53	38.85	99.26
22/03/2023 12:25:00	9.29	12,718.39	39.12	99.25
22/03/2023 12:30:00	7.44	0.00	37.78	99.23
22/03/2023 12:35:00	5.81	12,787.06	39.22	99.20
22/03/2023 12:40:00	5.55	14,526.59	39.12	99.17
22/03/2023 12:45:00	7.06	13,458.46	39.15	99.17
22/03/2023 12:50:00	4.78	13,946.75	37.48	99.17
22/03/2023 12:55:00	6.09	12,993.06	39.45	99.15
22/03/2023 13:00:00	5.95	12,855.73	39.29	99.14
22/03/2023 13:05:00	6.25	12,550.55	39.29	99.13
22/03/2023 13:10:00	3.72	12,573.43	37.94	99.09
22/03/2023 13:15:00	6.62	13,321.13	39.29	99.08
22/03/2023 13:20:00	5.95	12,855.73	37.61	99.08
22/03/2023 13:25:00	7.04	12,695.51	38.83	99.07
22/03/2023 13:30:00	5.39	11,947.81	38.68	99.06
22/03/2023 13:35:00	6.49	13,763.64	38.25	99.05
22/03/2023 13:40:00	6.46	12,855.73	38.22	99.05
22/03/2023 13:45:00	5.90	11,619.75	38.19	99.02
22/03/2023 13:50:00	5.65	12,390.33	38.36	99.02
22/03/2023 13:55:00	6.09	13,138.02	38.36	99.02
22/03/2023 14:00:00	4.97	13,298.24	38.06	99.00
22/03/2023 14:05:00	3.41	12,970.17	38.66	99.00
22/03/2023 14:10:00	4.49	11,924.93	38.06	99.00
22/03/2023 14:15:00	5.69	0.00	38.08	98.97
22/03/2023 14:20:00	3.95	12,390.33	37.76	98.97
22/03/2023 14:25:00	5.09	12,367.44	38.68	98.94
22/03/2023 14:30:00	3.02	12,855.73	38.99	98.92
22/03/2023 14:35:00	5.90	12,062.26	38.66	98.92
22/03/2023 14:40:00	4.83	11,924.93	38.22	98.92
22/03/2023 14:45:00	4.14	11,787.59	38.85	98.92
22/03/2023 14:50:00	4.83	11,459.53	38.52	98.92
22/03/2023 14:55:00	5.49	12,230.11	38.52	98.93
22/03/2023 15:00:00	4.69	12,550.55	37.92	98.92
22/03/2023 15:05:00	2.39	12,527.66	38.83	98.91
22/03/2023 15:10:00	4.11	11,459.53	37.59	98.91
22/03/2023 15:15:00	3.90	11,482.41	38.38	98.91
22/03/2023 15:20:00	4.46	12,230.11	37.76	98.91
22/03/2023 15:25:00	3.95	12,230.11	37.29	98.91
22/03/2023 15:30:00	4.97	12,062.26	38.66	98.88
22/03/2023 15:35:00	5.95	12,390.33	38.66	98.89
22/03/2023 15:40:00	4.23	11,459.53	37.61	98.88
22/03/2023 15:45:00	3.00	12,085.15	38.08	98.88
22/03/2023 15:50:00	4.41	11,924.93	37.45	98.88
22/03/2023 15:55:00	4.41	12,062.26	37.01	98.90
22/03/2023 16:00:00	5.62	0.00	38.36	98.89
22/03/2023 16:05:00	3.51	12,062.26	38.22	98.88
22/03/2023 16:10:00	4.90	11,459.53	37.76	98.89
22/03/2023 16:15:00	3.51	12,062.26	37.76	98.88
22/03/2023 16:20:00	6.13	11,924.93	37.45	98.89
22/03/2023 16:25:00	3.81	11,764.71	36.85	98.91
22/03/2023 16:30:00	4.44	12,207.22	38.50	98.91
22/03/2023 16:35:00	3.32	12,230.11	38.19	98.91
22/03/2023 16:40:00	4.67	11,299.31	37.29	98.91
22/03/2023 16:45:00	3.32	11,322.19	38.36	98.91

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)
22/03/2023 16:50:00	5.04	12,809.95	38.06	98.91
22/03/2023 16:55:00	4.53	12,367.44	38.36	98.92
22/03/2023 17:00:00	5.51	11,299.31	37.43	98.92
22/03/2023 17:05:00	4.36	11,108.57	36.50	98.91
22/03/2023 17:10:00	5.32	11,764.71	37.45	98.92
22/03/2023 17:15:00	5.62	12,207.22	36.83	98.92
22/03/2023 17:20:00	3.67	10,856.79	37.90	98.93
22/03/2023 17:25:00	4.49	11,459.53	37.15	98.92
22/03/2023 17:30:00	4.95	11,459.53	37.90	98.92
22/03/2023 17:35:00	3.41	11,322.19	37.78	98.92
22/03/2023 17:40:00	4.07	10,856.79	37.76	98.94
22/03/2023 17:45:00	4.55	0.00	36.99	98.97
22/03/2023 17:50:00	3.92	12,367.44	36.39	98.95
22/03/2023 17:55:00	4.34	12,230.11	37.15	98.97
22/03/2023 18:00:00	4.81	11,482.41	36.85	98.96
22/03/2023 18:05:00	4.20	12,252.99	36.39	98.97
22/03/2023 18:10:00	3.09	12,672.62	37.29	98.96
22/03/2023 18:15:00	5.02	11,505.30	37.01	98.97
22/03/2023 18:20:00	3.27	12,062.26	37.73	98.97
22/03/2023 18:25:00	3.74	12,390.33	37.13	99.00
22/03/2023 18:30:00	4.67	12,390.33	37.32	98.99
22/03/2023 18:35:00	4.90	12,527.66	36.22	98.99
22/03/2023 18:40:00	4.36	13,435.57	36.99	98.96
22/03/2023 18:45:00	4.20	12,695.51	36.22	99.00
22/03/2023 18:50:00	3.97	12,230.11	36.39	98.99
22/03/2023 18:55:00	4.39	11,764.71	36.83	99.01
22/03/2023 19:00:00	4.34	12,550.55	35.48	99.02
22/03/2023 19:05:00	3.11	13,298.24	36.08	99.01
22/03/2023 19:10:00	5.34	11,947.81	36.55	99.02
22/03/2023 19:15:00	4.49	11,924.93	35.32	99.04
22/03/2023 19:20:00	5.46	13,435.57	36.22	99.02
22/03/2023 19:25:00	3.85	12,832.84	35.03	99.05
22/03/2023 19:30:00	6.20	0.00	35.77	99.07
22/03/2023 19:35:00	4.83	13,183.79	36.08	99.05
22/03/2023 19:40:00	3.53	13,626.31	35.50	99.08
22/03/2023 19:45:00	5.95	13,458.46	36.39	99.05
22/03/2023 19:50:00	4.20	12,390.33	34.71	99.08
22/03/2023 19:55:00	3.81	12,230.11	35.17	99.09
22/03/2023 20:00:00	3.72	13,298.24	35.61	99.11
22/03/2023 20:05:00	3.97	12,695.51	34.24	99.10
22/03/2023 20:10:00	4.67	13,321.13	35.81	99.12
22/03/2023 20:15:00	4.88	13,626.31	35.64	99.14
22/03/2023 20:20:00	5.58	14,831.77	34.41	99.14
22/03/2023 20:25:00	3.81	12,855.73	34.71	99.14
22/03/2023 20:30:00	5.02	13,786.53	35.48	99.15
22/03/2023 20:35:00	5.39	13,183.79	33.94	99.17
22/03/2023 20:40:00	3.90	13,481.35	34.57	99.17
22/03/2023 20:45:00	4.76	13,481.35	35.17	99.20
22/03/2023 20:50:00	5.00	13,923.86	33.80	99.17
22/03/2023 20:55:00	4.46	12,252.99	35.03	99.17
22/03/2023 21:00:00	5.67	13,923.86	33.80	99.20
22/03/2023 21:05:00	6.46	14,251.93	34.41	99.20
22/03/2023 21:10:00	5.00	13,946.75	34.90	99.21
22/03/2023 21:15:00	4.81	0.00	33.20	99.20

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)
22/03/2023 21:20:00	5.09	13,344.01	33.97	99.21
22/03/2023 21:25:00	4.72	13,344.01	33.36	99.20
22/03/2023 21:30:00	4.65	13,038.83	34.13	99.23
22/03/2023 21:35:00	4.07	13,786.53	33.06	99.23
22/03/2023 21:40:00	4.81	14,389.26	34.13	99.23
22/03/2023 21:45:00	5.13	12,550.55	33.36	99.23
22/03/2023 21:50:00	6.23	13,321.13	33.97	99.24
22/03/2023 21:55:00	3.76	13,786.53	32.92	99.22
22/03/2023 22:00:00	5.49	14,412.15	33.99	99.21
22/03/2023 22:05:00	4.74	13,672.08	32.92	99.22
22/03/2023 22:10:00	4.18	14,114.60	33.36	99.22
22/03/2023 22:15:00	3.92	14,114.60	34.13	99.20
22/03/2023 22:20:00	4.11	13,786.53	32.62	99.20
22/03/2023 22:25:00	4.85	13,015.95	33.36	99.20
22/03/2023 22:30:00	4.65	13,183.79	32.92	99.20
22/03/2023 22:35:00	3.00	14,114.60	33.52	99.20
22/03/2023 22:40:00	4.04	12,298.77	32.62	99.21
22/03/2023 22:45:00	3.92	13,038.83	33.43	99.20
22/03/2023 22:50:00	4.04	12,603.95	32.78	99.22
22/03/2023 22:55:00	5.58	12,436.10	32.31	99.23
22/03/2023 23:00:00	4.32	0.00	32.48	99.25
22/03/2023 23:05:00	4.69	11,970.70	32.01	99.22
22/03/2023 23:10:00	4.46	11,993.59	32.01	99.23
22/03/2023 23:15:00	3.00	12,901.50	32.17	99.21
22/03/2023 23:20:00	4.67	11,367.97	32.17	99.23
22/03/2023 23:25:00	3.46	12,901.50	31.71	99.21
22/03/2023 23:30:00	5.39	11,833.37	32.01	99.21
22/03/2023 23:35:00	6.13	12,161.44	31.71	99.21
22/03/2023 23:40:00	4.02	12,458.99	31.24	99.21
22/03/2023 23:45:00	6.02	13,038.83	31.71	99.21
22/03/2023 23:50:00	4.88	10,902.57	31.39	99.20
22/03/2023 23:55:00	4.49	11,367.97	31.08	99.20