



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói làm nguội

Thời gian báo cáo: Từ: 21/03/2023

Tới: 21/03/2023

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)
21/03/2023 00:00:00	38.22	228,751.05	289.37	99.58
21/03/2023 00:05:00	40.89	205,935.77	291.18	99.58
21/03/2023 00:10:00	38.67	228,159.00	286.92	99.56
21/03/2023 00:15:00	34.86	253,055.62	291.78	99.55
21/03/2023 00:20:00	36.78	227,994.20	286.29	99.55
21/03/2023 00:25:00	34.14	224,472.42	291.94	99.54
21/03/2023 00:30:00	38.13	0.00	287.66	99.53
21/03/2023 00:35:00	46.36	216,678.11	281.57	99.55
21/03/2023 00:40:00	38.99	234,848.55	286.13	99.54
21/03/2023 00:45:00	38.83	218,381.02	285.46	99.52
21/03/2023 00:50:00	35.35	254,850.08	278.81	99.53
21/03/2023 00:55:00	38.32	251,700.62	283.86	99.49
21/03/2023 01:00:00	32.56	266,556.81	280.94	99.50
21/03/2023 01:05:00	29.85	247,556.27	266.94	99.50
21/03/2023 01:10:00	37.34	235,068.28	259.44	99.47
21/03/2023 01:15:00	28.83	235,568.78	252.45	99.50
21/03/2023 01:20:00	61.56	240,701.92	250.16	99.50
21/03/2023 01:25:00	29.81	251,682.31	250.76	99.47
21/03/2023 01:30:00	26.70	219,473.56	246.97	99.46
21/03/2023 01:35:00	34.10	249,497.22	254.14	99.46
21/03/2023 01:40:00	32.22	252,463.56	253.05	99.46
21/03/2023 01:45:00	36.00	253,275.34	256.87	99.45
21/03/2023 01:50:00	30.75	248,996.72	269.83	99.46
21/03/2023 01:55:00	39.52	236,551.45	264.48	99.46
21/03/2023 02:00:00	31.20	240,592.05	266.92	99.44
21/03/2023 02:05:00	30.55	224,234.38	270.76	99.44
21/03/2023 02:10:00	38.57	228,250.55	263.26	99.39
21/03/2023 02:15:00	28.14	0.00	266.61	99.41
21/03/2023 02:20:00	32.75	252,799.27	262.68	99.41
21/03/2023 02:25:00	27.65	242,185.09	260.99	99.41
21/03/2023 02:30:00	35.48	233,163.95	256.73	99.41
21/03/2023 02:35:00	33.79	258,017.84	251.09	99.40
21/03/2023 02:40:00	33.22	255,851.06	255.69	99.37
21/03/2023 02:45:00	36.42	230,960.56	256.73	99.37
21/03/2023 02:50:00	55.91	223,398.19	261.01	99.36
21/03/2023 02:55:00	33.12	248,538.95	274.14	99.38
21/03/2023 03:00:00	37.34	241,202.41	267.41	99.40
21/03/2023 03:05:00	31.94	238,883.05	266.04	99.38
21/03/2023 03:10:00	32.71	228,531.31	263.45	99.42
21/03/2023 03:15:00	34.47	212,155.34	269.40	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)
21/03/2023 03:20:00	35.63	223,160.14	276.10	99.38
21/03/2023 03:25:00	44.16	223,971.92	281.29	99.36
21/03/2023 03:30:00	39.52	253,647.67	290.88	99.38
21/03/2023 03:35:00	48.96	206,692.61	291.04	99.36
21/03/2023 03:40:00	37.58	217,044.33	298.82	99.38
21/03/2023 03:45:00	56.56	216,897.84	296.04	99.36
21/03/2023 03:50:00	54.54	208,505.38	294.67	99.36
21/03/2023 03:55:00	37.18	205,581.75	298.49	99.40
21/03/2023 04:00:00	37.78	0.00	300.90	99.38
21/03/2023 04:05:00	32.98	215,103.38	308.87	99.39
21/03/2023 04:10:00	41.82	246,921.48	301.24	99.38
21/03/2023 04:15:00	38.16	235,220.88	300.32	99.35
21/03/2023 04:20:00	35.23	225,607.69	301.41	99.41
21/03/2023 04:25:00	53.34	245,499.34	299.44	99.42
21/03/2023 04:30:00	36.90	248,538.95	291.82	99.39
21/03/2023 04:35:00	34.93	213,528.66	291.04	99.42
21/03/2023 04:40:00	34.91	225,626.00	289.09	99.41
21/03/2023 04:45:00	44.21	281,229.88	298.10	99.44
21/03/2023 04:50:00	37.46	297,770.66	306.87	99.41
21/03/2023 04:55:00	38.27	290,989.56	297.61	99.47
21/03/2023 05:00:00	36.26	288,548.09	300.02	99.41
21/03/2023 05:05:00	31.46	296,824.59	296.36	99.47
21/03/2023 05:10:00	39.94	304,161.12	296.20	99.47
21/03/2023 05:15:00	39.84	288,395.50	290.58	99.47
21/03/2023 05:20:00	35.07	294,438.09	285.53	99.47
21/03/2023 05:25:00	43.30	213,363.84	292.84	99.38
21/03/2023 05:30:00	35.65	229,367.52	295.44	99.41
21/03/2023 05:35:00	33.94	218,753.34	296.34	99.42
21/03/2023 05:40:00	41.35	220,584.42	291.78	99.44
21/03/2023 05:45:00	40.28	0.00	301.53	99.45
21/03/2023 05:50:00	40.28	224,954.59	295.11	99.45
21/03/2023 05:55:00	38.64	207,412.83	302.91	99.44
21/03/2023 06:00:00	43.43	217,416.66	296.34	99.46
21/03/2023 06:05:00	48.91	223,624.02	296.36	99.48
21/03/2023 06:10:00	35.55	210,696.56	308.87	99.50
21/03/2023 06:15:00	35.12	215,567.25	306.55	99.47
21/03/2023 06:20:00	37.41	211,898.98	298.31	99.50
21/03/2023 06:25:00	35.26	209,658.95	294.51	99.54
21/03/2023 06:30:00	37.78	251,206.23	293.31	99.50
21/03/2023 06:35:00	35.60	224,606.70	292.38	99.50
21/03/2023 06:40:00	37.60	212,899.98	284.63	99.55
21/03/2023 06:45:00	119.40	236,789.50	279.42	99.55
21/03/2023 06:50:00	35.30	214,493.02	290.85	99.57
21/03/2023 06:55:00	40.61	229,977.88	298.26	99.58
21/03/2023 07:00:00	36.48	220,694.30	301.55	99.55
21/03/2023 07:05:00	45.37	242,667.28	303.52	99.57
21/03/2023 07:10:00	34.93	300,065.62	292.84	99.61
21/03/2023 07:15:00	35.74	293,510.34	297.57	99.60
21/03/2023 07:20:00	38.54	291,917.31	290.69	99.56
21/03/2023 07:25:00	37.67	255,442.12	274.35	99.58
21/03/2023 07:30:00	35.53	0.00	279.30	99.55
21/03/2023 07:35:00	30.59	233,273.81	282.64	99.59
21/03/2023 07:40:00	30.15	231,699.09	276.55	99.59
21/03/2023 07:45:00	37.36	251,181.81	275.02	99.58

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)
21/03/2023 07:50:00	34.21	234,219.88	285.23	99.62
21/03/2023 07:55:00	35.77	218,027.02	284.47	99.62
21/03/2023 08:00:00	38.01	211,917.30	295.30	99.63
21/03/2023 08:05:00	32.78	238,626.69	292.71	99.65
21/03/2023 08:10:00	32.33	227,420.45	296.94	99.65
21/03/2023 08:15:00	43.32	275,950.25	281.54	99.64
21/03/2023 08:20:00	41.12	251,926.45	277.62	99.66
21/03/2023 08:25:00	32.43	263,633.16	266.16	99.63
21/03/2023 08:30:00	57.30	255,832.77	263.26	99.66
21/03/2023 08:35:00	31.53	270,487.53	260.83	99.65
21/03/2023 08:40:00	32.10	255,075.91	256.24	99.67
21/03/2023 08:45:00	35.93	247,757.69	253.96	99.67
21/03/2023 08:50:00	32.33	271,171.12	249.23	99.67
21/03/2023 08:55:00	33.01	316,441.59	245.74	99.66
21/03/2023 09:00:00	27.93	294,230.56	240.39	99.69
21/03/2023 09:05:00	30.46	303,123.53	237.64	99.67
21/03/2023 09:10:00	28.56	306,602.59	235.18	99.67
21/03/2023 09:15:00	28.07	0.00	231.55	99.70
21/03/2023 09:20:00	31.29	324,107.72	228.66	99.70
21/03/2023 09:25:00	31.20	288,603.03	234.42	99.73
21/03/2023 09:30:00	31.66	280,820.94	234.28	99.70
21/03/2023 09:35:00	30.27	295,915.16	239.60	99.71
21/03/2023 09:40:00	27.12	306,639.19	241.57	99.68
21/03/2023 09:45:00	28.60	321,776.16	243.42	99.69
21/03/2023 09:50:00	31.33	306,401.16	245.39	99.70
21/03/2023 09:55:00	23.90	301,402.31	246.46	99.71
21/03/2023 10:00:00	30.06	305,918.97	250.00	99.68
21/03/2023 10:05:00	51.22	301,420.62	257.59	99.70
21/03/2023 10:10:00	31.13	297,508.19	259.28	99.66
21/03/2023 10:15:00	36.18	302,378.88	271.62	99.69
21/03/2023 10:20:00	35.30	201,766.98	265.06	99.65
21/03/2023 10:25:00	87.46	299,101.25	273.42	99.67
21/03/2023 10:30:00	30.99	262,241.56	278.00	99.65
21/03/2023 10:35:00	27.42	229,086.75	269.16	99.62
21/03/2023 10:40:00	30.69	227,994.20	269.21	99.65
21/03/2023 10:45:00	28.51	244,699.78	265.37	99.67
21/03/2023 10:50:00	33.84	216,012.81	270.55	99.67
21/03/2023 10:55:00	40.12	234,567.80	276.99	99.63
21/03/2023 11:00:00	35.00	0.00	278.49	99.61
21/03/2023 11:05:00	41.77	250,669.11	280.78	99.65
21/03/2023 11:10:00	36.58	271,781.50	278.19	99.62
21/03/2023 11:15:00	34.77	235,294.12	268.56	99.62
21/03/2023 11:20:00	34.05	227,737.84	275.27	99.62
21/03/2023 11:25:00	36.42	252,817.58	269.95	99.59
21/03/2023 11:30:00	32.45	233,109.03	276.80	99.60
21/03/2023 11:35:00	31.85	245,926.59	267.80	99.58
21/03/2023 11:40:00	30.13	253,220.42	261.25	99.54
21/03/2023 11:45:00	32.89	226,120.39	264.28	99.58
21/03/2023 11:50:00	34.58	240,775.16	277.98	99.55
21/03/2023 11:55:00	37.11	217,215.23	274.49	99.55
21/03/2023 12:00:00	33.91	232,272.83	279.97	99.51
21/03/2023 12:05:00	34.30	238,962.39	271.60	99.53
21/03/2023 12:10:00	34.86	250,296.80	279.65	99.50
21/03/2023 12:15:00	37.55	260,910.95	275.41	99.48

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)
21/03/2023 12:20:00	58.50	238,425.27	261.71	99.50
21/03/2023 12:25:00	27.72	226,144.81	265.96	99.49
21/03/2023 12:30:00	31.75	235,403.98	266.87	99.50
21/03/2023 12:35:00	30.08	218,954.77	259.72	99.50
21/03/2023 12:40:00	33.36	255,960.94	261.08	99.47
21/03/2023 12:45:00	32.64	0.00	269.76	99.46
21/03/2023 12:50:00	36.00	241,385.52	278.31	99.47
21/03/2023 12:55:00	31.85	252,481.88	281.80	99.43
21/03/2023 13:00:00	35.07	294,175.62	285.92	99.46
21/03/2023 13:05:00	29.14	304,899.66	285.90	99.43
21/03/2023 13:10:00	34.63	294,419.78	283.93	99.43
21/03/2023 13:15:00	37.34	236,142.52	293.51	99.39
21/03/2023 13:20:00	35.63	242,459.75	285.76	99.38
21/03/2023 13:25:00	38.59	281,620.50	292.61	99.38
21/03/2023 13:30:00	33.82	302,085.91	291.99	99.37
21/03/2023 13:35:00	35.68	284,306.09	291.87	99.36
21/03/2023 13:40:00	37.83	271,671.62	277.98	99.32
21/03/2023 13:45:00	33.68	233,939.12	284.88	99.32
21/03/2023 13:50:00	38.27	225,027.84	276.92	99.29
21/03/2023 13:55:00	31.71	239,291.98	283.17	99.30
21/03/2023 14:00:00	33.36	241,013.20	274.78	99.32
21/03/2023 14:05:00	40.93	251,889.83	284.28	99.33
21/03/2023 14:10:00	33.61	224,551.77	278.61	99.32
21/03/2023 14:15:00	31.89	253,946.75	287.59	99.28
21/03/2023 14:20:00	43.09	225,754.19	287.89	99.30
21/03/2023 14:25:00	36.74	218,454.27	284.09	99.28
21/03/2023 14:30:00	40.42	0.00	276.15	99.30
21/03/2023 14:35:00	39.03	240,756.84	278.42	99.28
21/03/2023 14:40:00	40.70	249,314.11	281.94	99.27
21/03/2023 14:45:00	38.61	245,664.16	278.31	99.27
21/03/2023 14:50:00	35.53	223,788.81	279.05	99.27
21/03/2023 14:55:00	32.89	226,120.39	278.00	99.27
21/03/2023 15:00:00	31.89	238,089.56	285.48	99.25
21/03/2023 15:05:00	31.59	215,530.62	279.53	99.21
21/03/2023 15:10:00	39.61	242,050.81	286.36	99.22
21/03/2023 15:15:00	35.51	214,547.95	281.50	99.22
21/03/2023 15:20:00	40.15	218,698.41	290.20	99.22
21/03/2023 15:25:00	38.64	242,331.58	286.50	99.22
21/03/2023 15:30:00	39.70	231,955.44	281.32	99.22
21/03/2023 15:35:00	38.06	227,585.27	288.95	99.23
21/03/2023 15:40:00	41.26	230,514.98	286.82	99.18
21/03/2023 15:45:00	42.89	240,628.67	287.89	99.22
21/03/2023 15:50:00	51.06	221,976.05	300.07	99.18
21/03/2023 15:55:00	34.33	232,199.59	295.18	99.18
21/03/2023 16:00:00	35.42	229,514.00	293.79	99.16
21/03/2023 16:05:00	38.45	205,990.69	298.86	99.18
21/03/2023 16:10:00	46.11	206,839.09	309.65	99.18
21/03/2023 16:15:00	44.41	0.00	301.46	99.20
21/03/2023 16:20:00	38.03	225,143.81	306.23	99.18
21/03/2023 16:25:00	38.67	219,400.31	303.26	99.15
21/03/2023 16:30:00	36.58	216,488.91	311.99	99.18
21/03/2023 16:35:00	39.59	217,325.09	305.41	99.18
21/03/2023 16:40:00	33.68	204,782.19	304.35	99.18
21/03/2023 16:45:00	33.07	211,117.72	304.51	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)
21/03/2023 16:50:00	36.42	226,492.70	310.62	99.16
21/03/2023 16:55:00	39.34	210,635.55	308.61	99.14
21/03/2023 17:00:00	38.59	223,416.50	323.84	99.15
21/03/2023 17:05:00	43.65	234,293.12	320.81	99.16
21/03/2023 17:10:00	39.99	204,025.33	310.28	99.17
21/03/2023 17:15:00	41.49	224,289.31	307.24	99.14
21/03/2023 17:20:00	37.13	225,937.30	309.67	99.18
21/03/2023 17:25:00	39.34	236,276.80	299.18	99.18
21/03/2023 17:30:00	31.78	238,290.98	295.02	99.16
21/03/2023 17:35:00	38.80	245,999.84	290.34	99.22
21/03/2023 17:40:00	39.01	309,324.78	295.51	99.25
21/03/2023 17:45:00	39.43	291,508.34	280.44	99.22
21/03/2023 17:50:00	35.48	307,103.06	280.44	99.22
21/03/2023 17:55:00	34.56	319,572.75	280.92	99.22
21/03/2023 18:00:00	37.55	0.00	279.84	99.22
21/03/2023 18:05:00	37.41	309,306.47	280.13	99.24
21/03/2023 18:10:00	39.57	290,415.81	269.60	99.24
21/03/2023 18:15:00	35.28	284,916.47	273.12	99.24
21/03/2023 18:20:00	31.15	321,647.97	275.88	99.26
21/03/2023 18:25:00	34.77	285,172.81	271.29	99.26
21/03/2023 18:30:00	38.11	299,937.44	280.44	99.25
21/03/2023 18:35:00	39.96	305,400.16	273.44	99.24
21/03/2023 18:40:00	36.30	296,012.81	274.33	99.24
21/03/2023 18:45:00	41.19	303,825.44	288.68	99.26
21/03/2023 18:50:00	40.24	283,213.56	288.21	99.27
21/03/2023 18:55:00	42.56	298,472.56	300.14	99.32
21/03/2023 19:00:00	35.46	297,123.66	292.94	99.35
21/03/2023 19:05:00	37.76	295,048.44	293.40	99.30
21/03/2023 19:10:00	39.45	286,637.66	306.06	99.35
21/03/2023 19:15:00	35.48	284,171.81	304.04	99.34
21/03/2023 19:20:00	32.68	303,453.12	296.13	99.35
21/03/2023 19:25:00	36.74	299,400.31	297.36	99.34
21/03/2023 19:30:00	33.36	308,366.53	297.24	99.36
21/03/2023 19:35:00	30.41	301,029.97	284.23	99.33
21/03/2023 19:40:00	37.34	307,255.66	276.34	99.36
21/03/2023 19:45:00	48.14	0.00	275.72	99.35
21/03/2023 19:50:00	31.46	290,824.75	273.26	99.38
21/03/2023 19:55:00	32.17	321,886.03	261.71	99.39
21/03/2023 20:00:00	29.65	325,664.16	254.67	99.38
21/03/2023 20:05:00	38.59	309,697.12	259.72	99.35
21/03/2023 20:10:00	27.91	228,958.56	253.33	99.35
21/03/2023 20:15:00	35.74	250,315.09	257.92	99.35
21/03/2023 20:20:00	32.33	235,812.92	258.21	99.36
21/03/2023 20:25:00	37.51	223,453.12	261.52	99.35
21/03/2023 20:30:00	38.16	229,678.80	268.84	99.37
21/03/2023 20:35:00	30.99	218,454.27	279.23	99.36
21/03/2023 20:40:00	33.01	216,525.52	271.78	99.35
21/03/2023 20:45:00	31.73	231,863.89	281.20	99.37
21/03/2023 20:50:00	30.23	245,810.64	285.48	99.36
21/03/2023 20:55:00	32.89	239,700.92	279.84	99.38
21/03/2023 21:00:00	34.68	251,517.52	273.59	99.33
21/03/2023 21:05:00	33.26	241,867.70	276.48	99.36
21/03/2023 21:10:00	35.10	251,389.33	275.25	99.36
21/03/2023 21:15:00	39.19	239,810.80	266.11	99.35

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)
21/03/2023 21:20:00	29.34	236,014.34	270.37	99.41
21/03/2023 21:25:00	31.43	268,339.06	262.15	99.42
21/03/2023 21:30:00	38.34	0.00	259.40	99.38
21/03/2023 21:35:00	38.25	236,276.80	260.48	99.41
21/03/2023 21:40:00	31.94	236,386.66	262.45	99.40
21/03/2023 21:45:00	30.85	227,328.91	268.26	99.36
21/03/2023 21:50:00	34.16	248,960.09	265.04	99.37
21/03/2023 21:55:00	39.12	249,112.69	276.50	99.38
21/03/2023 22:00:00	35.16	225,180.44	271.94	99.37
21/03/2023 22:05:00	33.36	251,798.28	276.82	99.37
21/03/2023 22:10:00	38.61	233,365.38	268.56	99.44
21/03/2023 22:15:00	27.76	222,140.84	271.15	99.41
21/03/2023 22:20:00	34.86	163,607.23	277.40	99.41
21/03/2023 22:25:00	34.77	190,298.31	266.45	99.42
21/03/2023 22:30:00	33.40	152,571.91	274.07	99.37
21/03/2023 22:35:00	35.10	154,085.59	260.04	99.36
21/03/2023 22:40:00	32.85	140,175.48	265.55	99.37
21/03/2023 22:45:00	41.82	122,139.31	262.64	99.36
21/03/2023 22:50:00	35.63	152,510.88	266.48	99.38
21/03/2023 22:55:00	32.80	142,030.98	276.82	99.38
21/03/2023 23:00:00	39.12	148,250.55	279.42	99.37
21/03/2023 23:05:00	31.36	143,733.88	269.21	99.37
21/03/2023 23:10:00	35.12	149,349.20	278.96	99.36
21/03/2023 23:15:00	32.24	0.00	282.48	99.35
21/03/2023 23:20:00	34.21	152,401.02	280.51	99.35
21/03/2023 23:25:00	39.43	128,358.89	285.07	99.34
21/03/2023 23:30:00	45.50	159,218.73	287.50	99.35
21/03/2023 23:35:00	33.29	128,603.04	278.79	99.31
21/03/2023 23:40:00	39.27	181,795.98	279.14	99.31
21/03/2023 23:45:00	37.92	145,918.97	281.87	99.30
21/03/2023 23:50:00	41.68	158,626.69	287.36	99.29
21/03/2023 23:55:00	36.02	143,251.70	288.59	99.31