



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: 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	34.05	163,906.31	249.03	99.30
24/03/2023 00:05:00	31.06	189,150.84	252.80	99.29
24/03/2023 00:10:00	34.39	240,866.70	254.90	99.27
24/03/2023 00:15:00	32.43	0.00	260.30	99.33
24/03/2023 00:20:00	29.27	272,465.09	253.40	99.31
24/03/2023 00:25:00	31.36	275,504.69	256.92	99.31
24/03/2023 00:30:00	36.02	274,039.84	252.96	99.32
24/03/2023 00:35:00	31.71	261,966.89	243.35	99.30
24/03/2023 00:40:00	28.47	260,984.20	244.09	99.28
24/03/2023 00:45:00	33.07	282,804.62	242.43	99.27
24/03/2023 00:50:00	28.25	295,750.38	241.66	99.27
24/03/2023 00:55:00	33.45	269,504.84	233.45	99.31
24/03/2023 01:00:00	29.18	291,117.72	235.42	99.28
24/03/2023 01:05:00	28.67	286,582.75	237.10	99.27
24/03/2023 01:10:00	29.30	293,418.78	239.25	99.26
24/03/2023 01:15:00	31.80	301,957.72	243.66	99.24
24/03/2023 01:20:00	31.66	275,913.62	239.25	99.26
24/03/2023 01:25:00	26.70	292,954.91	241.38	99.27
24/03/2023 01:30:00	26.79	283,787.28	238.61	99.27
24/03/2023 01:35:00	31.24	183,041.12	238.80	99.24
24/03/2023 01:40:00	30.83	199,838.25	240.78	99.27
24/03/2023 01:45:00	23.50	189,523.16	241.99	99.23
24/03/2023 01:50:00	27.44	211,117.72	242.47	99.25
24/03/2023 01:55:00	29.37	215,512.31	248.86	99.24
24/03/2023 02:00:00	27.14	0.00	249.93	99.24
24/03/2023 02:05:00	29.90	205,026.31	250.97	99.27
24/03/2023 02:10:00	24.73	189,040.97	252.82	99.24
24/03/2023 02:15:00	29.97	212,881.67	255.73	99.22
24/03/2023 02:20:00	32.49	203,305.09	255.25	99.23
24/03/2023 02:25:00	32.91	198,318.45	251.29	99.22
24/03/2023 02:30:00	29.18	216,250.86	255.41	99.23
24/03/2023 02:35:00	39.64	200,283.81	258.93	99.24
24/03/2023 02:40:00	30.04	194,674.59	270.25	99.24
24/03/2023 02:45:00	32.10	196,133.36	272.50	99.24
24/03/2023 02:50:00	34.10	170,644.69	283.96	99.24
24/03/2023 02:55:00	30.81	170,388.34	276.04	99.26
24/03/2023 03:00:00	42.18	188,912.80	286.06	99.26
24/03/2023 03:05:00	41.10	172,872.52	281.36	99.27
24/03/2023 03:10:00	37.06	191,354.23	276.01	99.26
24/03/2023 03:15:00	34.77	176,461.44	274.93	99.25

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	34.05	220,865.19	280.25	99.24
24/03/2023 03:25:00	36.60	211,490.05	281.94	99.23
24/03/2023 03:30:00	31.33	251,371.02	282.98	99.27
24/03/2023 03:35:00	33.42	235,123.22	273.26	99.27
24/03/2023 03:40:00	31.01	191,244.38	280.30	99.28
24/03/2023 03:45:00	32.54	0.00	276.75	99.27
24/03/2023 03:50:00	56.24	188,058.30	294.14	99.26
24/03/2023 03:55:00	35.55	200,985.73	296.13	99.25
24/03/2023 04:00:00	37.48	187,685.97	292.31	99.29
24/03/2023 04:05:00	30.13	204,415.95	281.94	99.31
24/03/2023 04:10:00	40.01	209,158.45	280.87	99.30
24/03/2023 04:15:00	41.42	201,968.41	283.47	99.31
24/03/2023 04:20:00	40.22	197,415.12	279.93	99.29
24/03/2023 04:25:00	34.58	184,652.48	289.26	99.30
24/03/2023 04:30:00	69.73	207,949.95	299.33	99.30
24/03/2023 04:35:00	34.42	204,171.81	300.41	99.30
24/03/2023 04:40:00	36.46	186,727.70	298.89	99.33
24/03/2023 04:45:00	38.06	185,372.70	300.55	99.35
24/03/2023 04:50:00	42.58	193,557.64	296.73	99.35
24/03/2023 04:55:00	42.79	222,323.95	298.40	99.34
24/03/2023 05:00:00	37.25	205,508.52	295.18	99.33
24/03/2023 05:05:00	40.86	194,283.97	301.62	99.33
24/03/2023 05:10:00	39.57	204,171.81	299.92	99.32
24/03/2023 05:15:00	43.46	207,840.09	301.92	99.33
24/03/2023 05:20:00	53.64	183,578.23	304.07	99.35
24/03/2023 05:25:00	42.23	203,213.55	290.34	99.38
24/03/2023 05:30:00	33.75	0.00	291.10	99.38
24/03/2023 05:35:00	49.93	228,812.09	302.68	99.38
24/03/2023 05:40:00	43.65	193,209.73	295.53	99.40
24/03/2023 05:45:00	35.84	181,002.52	311.22	99.41
24/03/2023 05:50:00	52.90	206,991.69	301.01	99.41
24/03/2023 05:55:00	46.40	206,356.91	312.15	99.44
24/03/2023 06:00:00	44.57	186,001.38	314.88	99.43
24/03/2023 06:05:00	41.35	201,138.31	310.46	99.43
24/03/2023 06:10:00	35.65	207,229.72	308.31	99.44
24/03/2023 06:15:00	37.78	208,413.81	297.80	99.48
24/03/2023 06:20:00	41.24	220,010.69	289.86	99.49
24/03/2023 06:25:00	37.80	253,519.48	287.72	99.47
24/03/2023 06:30:00	41.63	266,575.12	268.22	99.48
24/03/2023 06:35:00	32.98	235,605.41	259.81	99.47
24/03/2023 06:40:00	39.89	248,538.95	250.37	99.48
24/03/2023 06:45:00	35.37	262,058.44	239.05	99.52
24/03/2023 06:50:00	43.85	249,387.34	237.98	99.53
24/03/2023 06:55:00	33.82	231,326.77	239.07	99.52
24/03/2023 07:00:00	33.07	225,955.59	242.77	99.55
24/03/2023 07:05:00	35.07	233,756.02	245.14	99.55
24/03/2023 07:10:00	35.26	234,958.42	251.09	99.54
24/03/2023 07:15:00	28.02	0.00	252.01	99.56
24/03/2023 07:20:00	31.20	235,959.41	250.94	99.56
24/03/2023 07:25:00	29.72	236,923.78	249.23	99.58
24/03/2023 07:30:00	32.78	258,518.34	250.48	99.60
24/03/2023 07:35:00	26.33	282,523.84	252.29	99.60
24/03/2023 07:40:00	33.26	243,888.00	249.70	99.62
24/03/2023 07:45:00	33.36	264,597.53	255.64	99.62

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	35.00	256,168.45	252.29	99.60
24/03/2023 07:55:00	28.74	251,407.64	255.92	99.61
24/03/2023 08:00:00	29.34	242,740.52	260.16	99.59
24/03/2023 08:05:00	33.31	224,216.06	264.03	99.62
24/03/2023 08:10:00	40.63	255,075.91	268.42	99.60
24/03/2023 08:15:00	33.17	237,753.88	275.16	99.62
24/03/2023 08:20:00	30.95	224,325.94	265.69	99.64
24/03/2023 08:25:00	31.04	233,939.12	264.88	99.65
24/03/2023 08:30:00	37.48	214,212.25	279.10	99.66
24/03/2023 08:35:00	37.71	248,630.50	273.91	99.67
24/03/2023 08:40:00	32.56	221,402.30	272.85	99.70
24/03/2023 08:45:00	33.17	237,979.70	279.86	99.71
24/03/2023 08:50:00	31.94	223,495.84	276.66	99.70
24/03/2023 08:55:00	38.13	231,290.16	275.90	99.67
24/03/2023 09:00:00	37.18	0.00	273.17	99.66
24/03/2023 09:05:00	36.13	250,705.73	274.24	99.63
24/03/2023 09:10:00	38.83	242,276.66	282.31	99.66
24/03/2023 09:15:00	35.88	250,705.73	266.02	99.67
24/03/2023 09:20:00	37.67	263,743.03	269.67	99.67
24/03/2023 09:25:00	34.88	244,480.05	262.98	99.67
24/03/2023 09:30:00	30.25	254,575.42	253.03	99.65
24/03/2023 09:35:00	32.85	237,369.34	253.63	99.65
24/03/2023 09:40:00	32.15	214,804.30	250.60	99.62
24/03/2023 09:45:00	32.62	232,736.70	253.49	99.64
24/03/2023 09:50:00	31.53	245,572.59	258.70	99.62
24/03/2023 09:55:00	41.31	248,496.22	261.57	99.66
24/03/2023 10:00:00	29.92	246,903.19	261.10	99.67
24/03/2023 10:05:00	36.20	247,385.38	266.92	99.67
24/03/2023 10:10:00	35.37	282,749.69	267.36	99.67
24/03/2023 10:15:00	31.78	289,213.41	272.40	99.68
24/03/2023 10:20:00	31.38	294,712.75	263.70	99.66
24/03/2023 10:25:00	34.72	294,993.50	270.09	99.66
24/03/2023 10:30:00	32.59	306,047.16	268.15	99.65
24/03/2023 10:35:00	36.46	284,470.88	270.88	99.63
24/03/2023 10:40:00	41.51	319,328.59	275.41	99.62
24/03/2023 10:45:00	38.13	0.00	277.71	99.64
24/03/2023 10:50:00	30.50	283,842.22	268.42	99.66
24/03/2023 10:55:00	31.59	286,875.72	279.23	99.65
24/03/2023 11:00:00	36.51	270,542.47	284.09	99.66
24/03/2023 11:05:00	31.24	285,191.12	287.96	99.65
24/03/2023 11:10:00	34.63	289,451.44	285.18	99.65
24/03/2023 11:15:00	34.10	282,377.38	288.68	99.66
24/03/2023 11:20:00	34.26	307,640.19	280.92	99.63
24/03/2023 11:25:00	34.79	308,122.38	282.59	99.65
24/03/2023 11:30:00	38.27	306,993.22	282.73	99.67
24/03/2023 11:35:00	41.49	299,119.56	276.66	99.64
24/03/2023 11:40:00	40.79	290,177.78	281.50	99.64
24/03/2023 11:45:00	39.73	290,043.50	284.12	99.62
24/03/2023 11:50:00	34.00	281,522.84	282.28	99.62
24/03/2023 11:55:00	41.49	281,040.66	281.99	99.62
24/03/2023 12:00:00	35.51	219,565.12	282.15	99.61
24/03/2023 12:05:00	39.54	217,752.34	281.71	99.59
24/03/2023 12:10:00	37.71	240,201.42	283.08	99.58
24/03/2023 12:15:00	29.05	245,181.95	289.30	99.57

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	35.74	224,881.36	279.90	99.55
24/03/2023 12:25:00	34.61	213,992.52	292.52	99.54
24/03/2023 12:30:00	38.48	0.00	293.61	99.54
24/03/2023 12:35:00	35.12	226,437.78	291.64	99.51
24/03/2023 12:40:00	37.67	216,879.53	280.51	99.52
24/03/2023 12:45:00	33.03	225,198.75	294.19	99.50
24/03/2023 12:50:00	40.98	213,473.72	284.44	99.48
24/03/2023 12:55:00	37.60	229,349.20	293.14	99.44
24/03/2023 13:00:00	36.20	215,823.61	285.83	99.44
24/03/2023 13:05:00	40.50	206,436.27	295.93	99.46
24/03/2023 13:10:00	49.56	216,549.94	298.35	99.44
24/03/2023 13:15:00	42.69	198,727.41	304.44	99.44
24/03/2023 13:20:00	38.85	195,211.72	304.44	99.41
24/03/2023 13:25:00	38.06	209,341.56	314.51	99.44
24/03/2023 13:30:00	0.00	233,011.38	307.93	99.44
24/03/2023 13:35:00	0.00	208,139.16	305.07	99.44
24/03/2023 13:40:00	0.00	231,180.30	314.49	99.43
24/03/2023 13:45:00	0.00	213,119.70	314.35	99.41
24/03/2023 13:50:00	0.00	240,939.95	312.50	99.39
24/03/2023 13:55:00	0.00	230,307.47	295.57	99.38
24/03/2023 14:00:00	0.00	226,028.84	302.27	99.38
24/03/2023 14:05:00	0.00	214,084.08	295.11	99.38
24/03/2023 14:10:00	0.00	225,198.75	295.71	99.35
24/03/2023 14:15:00	0.00	0.00	290.67	99.34
24/03/2023 14:20:00	0.00	227,994.20	295.57	99.32
24/03/2023 14:25:00	0.00	224,826.44	299.72	99.33
24/03/2023 14:30:00	0.00	215,066.77	294.65	99.33
24/03/2023 14:35:00	45.30	213,492.03	297.86	99.34
24/03/2023 14:40:00	37.83	227,255.66	298.91	99.33
24/03/2023 14:45:00	36.28	262,742.06	286.87	99.30
24/03/2023 14:50:00	33.26	250,553.14	287.34	99.30
24/03/2023 14:55:00	32.10	236,386.66	278.77	99.30
24/03/2023 15:00:00	34.14	237,015.34	282.75	99.28
24/03/2023 15:05:00	38.92	219,174.48	287.78	99.29
24/03/2023 15:10:00	37.46	205,136.19	277.84	99.27
24/03/2023 15:15:00	34.88	238,107.88	292.06	99.29
24/03/2023 15:20:00	40.77	234,067.30	293.40	99.28
24/03/2023 15:25:00	33.45	240,164.80	282.31	99.29
24/03/2023 15:30:00	33.54	237,015.34	284.14	99.29
24/03/2023 15:35:00	41.56	226,291.30	281.25	99.27
24/03/2023 15:40:00	38.38	241,794.45	280.94	99.30
24/03/2023 15:45:00	35.35	231,644.16	288.37	99.30
24/03/2023 15:50:00	39.45	216,397.34	278.63	99.29
24/03/2023 15:55:00	37.83	253,238.73	286.27	99.30
24/03/2023 16:00:00	33.84	0.00	285.79	99.29
24/03/2023 16:05:00	37.76	228,458.08	284.72	99.30
24/03/2023 16:10:00	40.61	208,584.73	283.68	99.31
24/03/2023 16:15:00	41.73	225,900.66	290.23	99.31
24/03/2023 16:20:00	35.39	203,360.05	287.80	99.31
24/03/2023 16:25:00	40.75	212,362.86	294.35	99.32
24/03/2023 16:30:00	43.37	217,215.23	284.12	99.31
24/03/2023 16:35:00	43.21	220,065.61	292.66	99.35
24/03/2023 16:40:00	46.73	225,900.66	291.73	99.33
24/03/2023 16:45:00	39.94	220,547.80	298.01	99.33

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	38.13	230,789.66	299.67	99.34
24/03/2023 16:55:00	35.23	219,565.12	295.28	99.32
24/03/2023 17:00:00	42.89	245,535.97	290.20	99.31
24/03/2023 17:05:00	37.55	218,698.41	291.10	99.33
24/03/2023 17:10:00	41.15	205,416.95	292.82	99.32
24/03/2023 17:15:00	40.77	212,619.20	298.47	99.33
24/03/2023 17:20:00	41.42	215,786.98	289.17	99.30
24/03/2023 17:25:00	38.64	208,212.41	302.43	99.31
24/03/2023 17:30:00	39.10	289,250.03	303.84	99.34
24/03/2023 17:35:00	41.40	290,562.28	309.77	99.35
24/03/2023 17:40:00	38.92	292,509.34	309.77	99.35
24/03/2023 17:45:00	40.52	0.00	300.60	99.38
24/03/2023 17:50:00	42.58	301,640.34	300.57	99.36
24/03/2023 17:55:00	38.69	304,271.00	297.54	99.39
24/03/2023 18:00:00	37.20	283,097.59	288.24	99.38
24/03/2023 18:05:00	55.59	299,119.56	298.03	99.41
24/03/2023 18:10:00	42.65	298,381.03	288.10	99.42
24/03/2023 18:15:00	34.07	297,660.78	285.25	99.44
24/03/2023 18:20:00	38.64	277,897.31	294.83	99.44
24/03/2023 18:25:00	42.44	299,601.75	286.76	99.43
24/03/2023 18:30:00	34.14	272,654.31	299.09	99.46
24/03/2023 18:35:00	49.84	284,562.44	289.49	99.43
24/03/2023 18:40:00	36.23	300,474.56	286.59	99.44
24/03/2023 18:45:00	39.77	297,843.91	292.87	99.47
24/03/2023 18:50:00	49.28	295,970.09	291.20	99.45
24/03/2023 18:55:00	38.41	288,358.88	286.89	99.47
24/03/2023 19:00:00	43.43	286,912.34	288.12	99.46
24/03/2023 19:05:00	40.33	278,025.47	284.16	99.47
24/03/2023 19:10:00	38.27	314,256.50	286.13	99.47
24/03/2023 19:15:00	39.10	237,271.69	278.21	99.49
24/03/2023 19:20:00	39.27	221,084.92	285.39	99.52
24/03/2023 19:25:00	41.91	227,402.16	284.76	99.49
24/03/2023 19:30:00	38.25	0.00	270.76	99.53
24/03/2023 19:35:00	40.91	249,613.19	272.29	99.56
24/03/2023 19:40:00	36.35	231,198.59	284.65	99.56
24/03/2023 19:45:00	36.69	225,235.38	282.96	99.58
24/03/2023 19:50:00	36.69	234,738.69	279.00	99.58
24/03/2023 19:55:00	35.90	223,660.64	280.04	99.59
24/03/2023 20:00:00	35.86	223,379.88	293.35	99.58
24/03/2023 20:05:00	32.52	227,420.45	291.80	99.57
24/03/2023 20:10:00	37.09	217,898.83	285.99	99.58
24/03/2023 20:15:00	40.42	219,137.88	284.34	99.59
24/03/2023 20:20:00	43.56	226,938.28	287.38	99.58
24/03/2023 20:25:00	40.82	202,676.44	302.20	99.57
24/03/2023 20:30:00	38.01	205,990.69	295.51	99.58
24/03/2023 20:35:00	39.61	206,210.42	301.41	99.58
24/03/2023 20:40:00	52.09	205,838.09	311.94	99.58
24/03/2023 20:45:00	41.95	197,433.44	305.25	99.61
24/03/2023 20:50:00	53.08	204,135.19	311.94	99.63
24/03/2023 20:55:00	43.65	221,103.23	310.30	99.65
24/03/2023 21:00:00	45.39	226,681.94	295.46	99.67
24/03/2023 21:05:00	42.16	228,274.97	295.95	99.67
24/03/2023 21:10:00	44.32	253,665.98	289.37	99.68
24/03/2023 21:15:00	32.98	0.00	286.02	99.68

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	43.32	230,124.36	293.51	99.67
24/03/2023 21:25:00	37.67	222,806.12	284.81	99.69
24/03/2023 21:30:00	36.51	220,248.72	293.19	99.67
24/03/2023 21:35:00	43.18	220,120.55	292.45	99.71
24/03/2023 21:40:00	40.31	229,733.73	288.47	99.72
24/03/2023 21:45:00	37.09	216,324.09	291.97	99.73
24/03/2023 21:50:00	34.70	206,320.30	285.55	99.79
24/03/2023 21:55:00	40.61	224,380.88	288.01	99.73
24/03/2023 22:00:00	40.12	234,494.55	284.37	99.78
24/03/2023 22:05:00	40.08	207,431.14	292.29	99.75
24/03/2023 22:10:00	47.03	221,457.23	298.37	99.75
24/03/2023 22:15:00	41.98	199,136.34	288.77	99.76
24/03/2023 22:20:00	37.53	227,811.09	293.65	99.81
24/03/2023 22:25:00	32.66	219,510.19	291.82	99.82
24/03/2023 22:30:00	44.18	143,642.33	301.13	99.78
24/03/2023 22:35:00	47.96	128,877.70	291.68	99.80
24/03/2023 22:40:00	46.06	153,163.95	289.53	99.81
24/03/2023 22:45:00	43.53	165,700.77	286.02	99.79
24/03/2023 22:50:00	42.98	171,834.91	284.07	99.82
24/03/2023 22:55:00	54.41	147,176.31	291.52	99.82
24/03/2023 23:00:00	49.23	0.00	290.43	99.81
24/03/2023 23:05:00	42.37	125,838.10	283.58	99.82
24/03/2023 23:10:00	49.26	137,306.78	281.92	99.82
24/03/2023 23:15:00	49.70	137,935.45	283.26	99.83
24/03/2023 23:20:00	49.63	128,639.66	285.55	99.82
24/03/2023 23:25:00	39.10	110,469.21	298.86	99.83
24/03/2023 23:30:00	48.17	130,952.93	292.59	99.85
24/03/2023 23:35:00	50.30	127,785.15	297.31	99.83
24/03/2023 23:40:00	50.28	107,783.63	301.27	99.82
24/03/2023 23:45:00	46.85	108,021.67	302.96	99.81
24/03/2023 23:50:00	48.38	119,356.07	298.84	99.81
24/03/2023 23:55:00	42.11	154,384.69	286.36	99.81