



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: 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	40.52	159,755.86	288.93	99.81
25/03/2023 00:05:00	45.59	168,294.80	293.38	99.81
25/03/2023 00:10:00	38.87	176,705.58	291.36	99.81
25/03/2023 00:15:00	43.76	164,126.05	282.36	99.79
25/03/2023 00:20:00	45.43	164,852.38	280.37	99.80
25/03/2023 00:25:00	36.58	172,054.62	274.58	99.80
25/03/2023 00:30:00	41.21	176,705.58	277.49	99.81
25/03/2023 00:35:00	49.12	177,779.81	271.29	99.80
25/03/2023 00:40:00	34.19	153,774.31	283.89	99.77
25/03/2023 00:45:00	38.52	0.00	285.90	99.76
25/03/2023 00:50:00	34.97	155,959.41	281.16	99.76
25/03/2023 00:55:00	34.72	185,964.75	268.03	99.75
25/03/2023 01:00:00	43.11	181,094.06	263.47	99.74
25/03/2023 01:05:00	39.57	178,518.34	268.80	99.75
25/03/2023 01:10:00	41.79	180,703.44	273.66	99.71
25/03/2023 01:15:00	43.90	177,279.31	267.10	99.73
25/03/2023 01:20:00	38.20	167,537.95	266.67	99.74
25/03/2023 01:25:00	39.73	171,071.95	272.29	99.75
25/03/2023 01:30:00	38.11	170,852.22	274.60	99.72
25/03/2023 01:35:00	38.22	169,497.22	273.37	99.71
25/03/2023 01:40:00	37.60	169,979.41	265.74	99.73
25/03/2023 01:45:00	40.17	188,760.20	270.18	99.73
25/03/2023 01:50:00	34.84	171,682.31	254.60	99.73
25/03/2023 01:55:00	34.14	158,901.34	258.75	99.73
25/03/2023 02:00:00	28.32	163,033.48	257.52	99.70
25/03/2023 02:05:00	48.63	169,741.36	257.54	99.70
25/03/2023 02:10:00	41.73	134,065.77	275.23	99.70
25/03/2023 02:15:00	41.84	141,084.92	274.74	99.69
25/03/2023 02:20:00	42.18	165,108.72	287.13	99.69
25/03/2023 02:25:00	38.87	180,111.39	280.53	99.67
25/03/2023 02:30:00	31.29	0.00	280.25	99.63
25/03/2023 02:35:00	37.25	233,292.12	271.87	99.67
25/03/2023 02:40:00	33.36	227,328.91	261.46	99.67
25/03/2023 02:45:00	39.01	237,088.58	272.01	99.69
25/03/2023 02:50:00	35.12	216,897.84	277.98	99.65
25/03/2023 02:55:00	36.86	250,962.08	265.90	99.65
25/03/2023 03:00:00	36.42	215,475.70	262.71	99.67
25/03/2023 03:05:00	39.19	246,463.72	249.58	99.66
25/03/2023 03:10:00	33.70	252,201.11	248.52	99.61
25/03/2023 03:15:00	54.68	254,038.30	241.66	99.63

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	31.13	232,437.62	237.71	99.67
25/03/2023 03:25:00	33.42	220,730.91	241.18	99.62
25/03/2023 03:30:00	38.16	216,324.09	240.90	99.62
25/03/2023 03:35:00	33.14	223,678.95	238.63	99.62
25/03/2023 03:40:00	34.81	217,196.92	247.15	99.62
25/03/2023 03:45:00	33.75	205,618.38	249.46	99.64
25/03/2023 03:50:00	31.78	231,845.58	250.39	99.62
25/03/2023 03:55:00	30.81	229,904.62	250.37	99.65
25/03/2023 04:00:00	27.19	218,545.81	256.64	99.64
25/03/2023 04:05:00	48.07	227,548.64	252.01	99.62
25/03/2023 04:10:00	35.72	220,846.88	253.40	99.66
25/03/2023 04:15:00	35.86	0.00	260.25	99.65
25/03/2023 04:20:00	34.42	142,195.77	268.08	99.67
25/03/2023 04:25:00	35.95	125,746.55	264.14	99.69
25/03/2023 04:30:00	41.93	156,105.91	265.32	99.67
25/03/2023 04:35:00	41.31	146,456.09	266.52	99.70
25/03/2023 04:40:00	42.33	120,228.89	270.64	99.70
25/03/2023 04:45:00	47.73	158,290.98	279.81	99.69
25/03/2023 04:50:00	34.21	156,569.77	282.68	99.67
25/03/2023 04:55:00	34.54	121,950.10	280.22	99.67
25/03/2023 05:00:00	39.59	146,657.52	290.92	99.68
25/03/2023 05:05:00	48.70	165,908.30	288.49	99.67
25/03/2023 05:10:00	41.10	145,864.05	293.98	99.70
25/03/2023 05:15:00	62.75	154,903.48	286.22	99.71
25/03/2023 05:20:00	54.36	159,536.12	288.35	99.72
25/03/2023 05:25:00	53.70	152,938.12	302.08	99.73
25/03/2023 05:30:00	37.53	214,877.55	294.58	99.75
25/03/2023 05:35:00	47.73	190,371.56	304.97	99.77
25/03/2023 05:40:00	0.00	209,140.16	291.06	99.76
25/03/2023 05:45:00	0.00	213,211.27	288.30	99.77
25/03/2023 05:50:00	0.00	163,533.98	289.23	99.76
25/03/2023 05:55:00	0.00	183,407.34	289.37	99.78
25/03/2023 06:00:00	0.00	0.00	288.79	99.78
25/03/2023 06:05:00	0.00	192,562.75	278.58	99.79
25/03/2023 06:10:00	0.00	188,430.61	286.04	99.79
25/03/2023 06:15:00	0.00	239,481.19	286.64	99.79
25/03/2023 06:20:00	0.00	245,847.27	270.62	99.83
25/03/2023 06:25:00	0.00	238,919.66	279.93	99.87
25/03/2023 06:30:00	0.00	231,827.27	277.89	99.85
25/03/2023 06:35:00	0.00	244,998.86	274.14	99.87
25/03/2023 06:40:00	0.00	225,363.55	268.98	99.83
25/03/2023 06:45:00	0.00	241,348.91	272.77	99.87
25/03/2023 06:50:00	0.00	226,828.41	274.60	99.89
25/03/2023 06:55:00	34.74	220,383.00	277.49	99.87
25/03/2023 07:00:00	37.87	235,660.33	270.02	99.88
25/03/2023 07:05:00	44.64	224,142.81	267.45	99.87
25/03/2023 07:10:00	41.33	225,955.59	269.70	99.87
25/03/2023 07:15:00	40.42	224,307.62	279.14	99.87
25/03/2023 07:20:00	48.14	221,676.97	284.18	99.90
25/03/2023 07:25:00	39.15	222,177.45	284.21	99.89
25/03/2023 07:30:00	45.53	235,294.12	286.78	99.89
25/03/2023 07:35:00	45.57	233,884.19	291.97	99.92
25/03/2023 07:40:00	39.92	200,711.06	296.38	99.93
25/03/2023 07:45:00	42.56	0.00	298.79	99.95

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	89.62	207,064.94	302.63	99.97
25/03/2023 07:55:00	60.94	225,125.52	302.96	99.97
25/03/2023 08:00:00	0.00	200,119.02	301.57	99.97
25/03/2023 08:05:00	0.00	200,119.02	310.25	99.95
25/03/2023 08:10:00	0.00	183,651.48	305.85	100.00
25/03/2023 08:15:00	0.00	207,193.09	312.41	99.98
25/03/2023 08:20:00	0.00	199,636.84	309.65	100.02
25/03/2023 08:25:00	0.00	220,712.59	316.66	100.02
25/03/2023 08:30:00	0.00	212,436.09	313.61	100.04
25/03/2023 08:35:00	13.37	220,230.41	304.00	100.02
25/03/2023 08:40:00	48.05	204,116.88	296.62	99.99
25/03/2023 08:45:00	49.54	226,938.28	302.17	99.99
25/03/2023 08:50:00	40.86	245,462.73	296.83	99.96
25/03/2023 08:55:00	37.60	232,181.28	291.94	100.04
25/03/2023 09:00:00	44.88	221,420.61	277.31	100.03
25/03/2023 09:05:00	41.12	234,604.41	270.02	100.03
25/03/2023 09:10:00	42.35	258,298.62	278.56	100.03
25/03/2023 09:15:00	41.10	250,589.77	267.41	100.02
25/03/2023 09:20:00	37.36	242,050.81	266.02	100.02
25/03/2023 09:25:00	40.57	258,744.19	262.36	100.05
25/03/2023 09:30:00	40.66	0.00	259.30	100.04
25/03/2023 09:35:00	40.31	259,836.73	254.42	100.03
25/03/2023 09:40:00	42.16	265,555.81	248.00	99.99
25/03/2023 09:45:00	40.26	276,804.75	240.55	100.00
25/03/2023 09:50:00	38.80	261,429.77	237.33	100.01
25/03/2023 09:55:00	33.40	247,275.50	243.14	99.99
25/03/2023 10:00:00	33.01	270,688.94	243.28	100.02
25/03/2023 10:05:00	33.45	256,278.31	235.51	100.00
25/03/2023 10:10:00	37.16	256,888.69	236.85	99.97
25/03/2023 10:15:00	33.17	263,004.50	227.89	99.98
25/03/2023 10:20:00	35.00	272,300.31	223.65	99.99
25/03/2023 10:25:00	33.14	278,416.12	221.66	99.97
25/03/2023 10:30:00	31.66	305,345.25	221.50	99.97
25/03/2023 10:35:00	37.99	343,279.16	221.94	99.98
25/03/2023 10:40:00	38.61	339,244.69	222.40	99.96
25/03/2023 10:45:00	35.84	320,628.66	218.43	99.96
25/03/2023 10:50:00	36.42	327,147.34	221.94	99.94
25/03/2023 10:55:00	33.07	320,683.59	226.20	99.95
25/03/2023 11:00:00	34.74	327,977.41	228.19	99.96
25/03/2023 11:05:00	41.65	302,378.88	223.70	99.95
25/03/2023 11:10:00	36.62	308,177.31	221.34	99.93
25/03/2023 11:15:00	39.08	0.00	220.74	99.89
25/03/2023 11:20:00	32.80	333,629.38	229.88	99.92
25/03/2023 11:25:00	33.05	315,349.06	230.37	99.91
25/03/2023 11:30:00	34.30	335,576.41	234.44	99.90
25/03/2023 11:35:00	36.74	317,253.38	234.72	99.87
25/03/2023 11:40:00	36.20	307,530.34	232.63	99.85
25/03/2023 11:45:00	37.09	332,518.50	236.74	99.85
25/03/2023 11:50:00	39.92	281,065.09	233.63	99.86
25/03/2023 11:55:00	33.45	261,539.64	228.51	99.85
25/03/2023 12:00:00	36.53	257,016.86	232.01	99.84
25/03/2023 12:05:00	35.37	249,112.69	229.58	99.83
25/03/2023 12:10:00	37.41	276,932.94	229.14	99.83
25/03/2023 12:15:00	35.23	254,984.36	230.50	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 12:20:00	34.84	247,183.95	226.22	99.82
25/03/2023 12:25:00	35.46	263,242.53	224.99	99.82
25/03/2023 12:30:00	26.44	262,058.44	226.52	99.80
25/03/2023 12:35:00	39.08	276,688.78	228.66	99.79
25/03/2023 12:40:00	33.01	216,806.30	235.09	99.79
25/03/2023 12:45:00	47.54	203,634.70	239.19	99.79
25/03/2023 12:50:00	33.36	199,710.08	233.84	99.76
25/03/2023 12:55:00	43.53	145,528.34	232.80	99.75
25/03/2023 13:00:00	30.53	0.00	236.11	99.73
25/03/2023 13:05:00	40.63	169,350.73	239.77	99.73
25/03/2023 13:10:00	43.14	158,681.62	243.77	99.72
25/03/2023 13:15:00	33.91	144,716.56	246.50	99.71
25/03/2023 13:20:00	44.30	154,085.59	239.95	99.72
25/03/2023 13:25:00	35.86	183,505.00	237.98	99.70
25/03/2023 13:30:00	40.59	161,886.02	235.20	99.67
25/03/2023 13:35:00	32.49	193,856.72	228.21	99.69
25/03/2023 13:40:00	32.04	154,048.98	232.61	99.70
25/03/2023 13:45:00	32.75	175,094.22	228.68	99.70
25/03/2023 13:50:00	34.47	176,058.59	230.67	99.69
25/03/2023 13:55:00	36.64	153,127.34	235.20	99.69
25/03/2023 14:00:00	42.21	139,327.08	237.19	99.69
25/03/2023 14:05:00	32.27	183,004.50	240.69	99.67
25/03/2023 14:10:00	43.76	164,534.98	241.62	99.66
25/03/2023 14:15:00	36.13	168,514.53	237.06	99.66
25/03/2023 14:20:00	37.04	170,333.41	237.19	99.66
25/03/2023 14:25:00	40.70	131,288.62	239.49	99.65
25/03/2023 14:30:00	37.94	168,221.56	232.96	99.65
25/03/2023 14:35:00	42.69	152,053.09	233.86	99.62
25/03/2023 14:40:00	38.78	155,086.59	243.01	99.64
25/03/2023 14:45:00	35.77	0.00	240.90	99.63
25/03/2023 14:50:00	35.46	190,969.70	247.17	99.67
25/03/2023 14:55:00	37.80	227,792.78	250.94	99.62
25/03/2023 15:00:00	39.48	246,829.94	246.36	99.63
25/03/2023 15:05:00	38.32	181,686.12	251.11	99.62
25/03/2023 15:10:00	46.06	176,559.09	248.81	99.62
25/03/2023 15:15:00	37.87	138,991.38	250.18	99.58
25/03/2023 15:20:00	36.62	163,778.12	256.45	99.60
25/03/2023 15:25:00	36.23	163,405.81	260.58	99.58
25/03/2023 15:30:00	45.20	172,964.06	257.82	99.56
25/03/2023 15:35:00	42.79	163,033.48	252.03	99.58
25/03/2023 15:40:00	42.49	159,237.05	257.66	99.55
25/03/2023 15:45:00	49.07	161,849.39	250.51	99.61
25/03/2023 15:50:00	46.55	143,288.31	253.72	99.61
25/03/2023 15:55:00	43.83	171,834.91	247.61	99.61
25/03/2023 16:00:00	35.12	167,556.27	245.94	99.59
25/03/2023 16:05:00	38.50	152,291.14	248.36	99.55
25/03/2023 16:10:00	34.97	188,149.84	247.15	99.56
25/03/2023 16:15:00	38.57	188,131.53	241.64	99.55
25/03/2023 16:20:00	35.88	147,292.30	246.22	99.54
25/03/2023 16:25:00	38.50	134,975.20	247.75	99.58
25/03/2023 16:30:00	36.69	0.00	250.04	99.58
25/03/2023 16:35:00	41.56	175,368.89	247.91	99.59
25/03/2023 16:40:00	39.03	153,029.69	254.49	99.59
25/03/2023 16:45:00	40.86	149,868.02	249.28	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)
25/03/2023 16:50:00	40.96	139,253.83	251.11	99.58
25/03/2023 16:55:00	34.88	143,050.28	256.13	99.60
25/03/2023 17:00:00	33.68	150,106.05	265.13	99.58
25/03/2023 17:05:00	38.38	168,648.81	263.90	99.60
25/03/2023 17:10:00	37.43	170,852.22	267.89	99.62
25/03/2023 17:15:00	36.67	174,148.17	260.88	99.58
25/03/2023 17:20:00	43.39	151,345.08	259.51	99.61
25/03/2023 17:25:00	43.76	184,762.34	261.66	99.62
25/03/2023 17:30:00	40.01	152,309.45	257.24	99.62
25/03/2023 17:35:00	36.35	197,061.11	262.71	99.59
25/03/2023 17:40:00	44.06	187,704.28	264.70	99.53
25/03/2023 17:45:00	45.59	167,421.98	259.21	99.54
25/03/2023 17:50:00	38.27	170,888.84	254.02	99.53
25/03/2023 17:55:00	42.44	208,914.31	261.84	99.50
25/03/2023 18:00:00	39.99	206,009.00	273.40	99.52
25/03/2023 18:05:00	36.02	216,842.91	269.74	99.55
25/03/2023 18:10:00	33.56	229,068.44	272.82	99.54
25/03/2023 18:15:00	30.17	0.00	266.87	99.53
25/03/2023 18:20:00	35.10	311,882.19	260.30	99.52
25/03/2023 18:25:00	33.79	280,412.00	256.80	99.55
25/03/2023 18:30:00	30.43	334,813.47	255.30	99.53
25/03/2023 18:35:00	35.23	304,808.12	258.19	99.52
25/03/2023 18:40:00	31.29	283,952.09	259.69	99.48
25/03/2023 18:45:00	32.52	291,416.81	267.22	99.51
25/03/2023 18:50:00	32.89	305,455.09	265.80	99.53
25/03/2023 18:55:00	33.61	317,125.19	271.46	99.55
25/03/2023 19:00:00	29.07	311,552.62	257.01	99.56
25/03/2023 19:05:00	29.05	312,272.84	255.46	99.58
25/03/2023 19:10:00	35.42	283,134.19	254.72	99.62
25/03/2023 19:15:00	35.30	241,049.81	251.96	99.58
25/03/2023 19:20:00	33.77	233,609.52	250.29	99.55
25/03/2023 19:25:00	31.46	233,847.56	249.53	99.60
25/03/2023 19:30:00	40.89	266,538.50	248.77	99.58
25/03/2023 19:35:00	33.07	219,674.98	254.99	99.59
25/03/2023 19:40:00	33.63	241,074.23	255.95	99.59
25/03/2023 19:45:00	37.62	233,957.44	252.54	99.60
25/03/2023 19:50:00	31.91	244,199.28	247.22	99.59
25/03/2023 19:55:00	31.48	242,850.39	244.63	99.62
25/03/2023 20:00:00	34.88	0.00	244.33	99.63
25/03/2023 20:05:00	35.00	250,778.97	247.52	99.60
25/03/2023 20:10:00	35.26	229,086.75	244.79	99.63
25/03/2023 20:15:00	36.28	240,537.12	245.69	99.65
25/03/2023 20:20:00	35.19	235,178.16	241.73	99.65
25/03/2023 20:25:00	26.33	254,447.23	238.07	99.64
25/03/2023 20:30:00	28.18	250,186.92	242.20	99.65
25/03/2023 20:35:00	30.59	217,007.70	244.16	99.67
25/03/2023 20:40:00	31.36	242,758.83	250.11	99.69
25/03/2023 20:45:00	37.27	201,376.36	254.37	99.68
25/03/2023 20:50:00	41.65	207,730.22	275.72	99.70
25/03/2023 20:55:00	36.04	207,528.80	273.01	99.72
25/03/2023 21:00:00	34.72	132,137.03	262.20	99.71
25/03/2023 21:05:00	31.17	169,924.47	256.98	99.72
25/03/2023 21:10:00	42.28	140,157.17	249.35	99.74
25/03/2023 21:15:00	40.44	145,900.66	255.48	99.76

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	38.54	135,695.44	253.93	99.75
25/03/2023 21:25:00	38.03	114,320.59	255.60	99.75
25/03/2023 21:30:00	41.49	127,876.71	267.03	99.79
25/03/2023 21:35:00	37.53	149,086.75	260.48	99.73
25/03/2023 21:40:00	39.06	122,987.72	259.28	99.79
25/03/2023 21:45:00	35.55	0.00	254.09	99.79
25/03/2023 21:50:00	43.34	149,941.25	250.27	99.79
25/03/2023 21:55:00	33.19	160,793.47	242.18	99.79
25/03/2023 22:00:00	34.39	110,908.67	241.73	99.82
25/03/2023 22:05:00	43.46	128,468.76	238.38	99.80
25/03/2023 22:10:00	38.09	162,313.27	243.42	99.82
25/03/2023 22:15:00	41.79	145,546.66	243.86	99.80
25/03/2023 22:20:00	44.76	121,138.32	245.81	99.79
25/03/2023 22:25:00	41.86	136,623.19	247.06	99.79
25/03/2023 22:30:00	39.92	147,121.39	254.54	99.77
25/03/2023 22:35:00	35.44	211,844.05	255.99	99.74
25/03/2023 22:40:00	41.47	198,098.73	265.51	99.76
25/03/2023 22:45:00	41.24	171,609.06	264.58	99.73
25/03/2023 22:50:00	36.58	173,427.94	266.85	99.70
25/03/2023 22:55:00	37.25	169,906.16	257.38	99.77
25/03/2023 23:00:00	34.42	146,755.17	253.44	99.77
25/03/2023 23:05:00	47.22	168,941.80	240.51	99.82
25/03/2023 23:10:00	41.89	170,571.45	238.05	99.85
25/03/2023 23:15:00	41.47	117,726.41	236.85	99.79
25/03/2023 23:20:00	31.73	138,100.25	247.82	99.82
25/03/2023 23:25:00	49.93	178,353.55	254.51	99.79
25/03/2023 23:30:00	49.97	0.00	257.12	99.78
25/03/2023 23:35:00	50.28	127,730.22	268.54	99.75
25/03/2023 23:40:00	57.11	93,702.60	268.24	99.78
25/03/2023 23:45:00	50.28	132,118.72	273.42	99.75
25/03/2023 23:50:00	60.64	119,673.46	279.37	99.81
25/03/2023 23:55:00	63.49	97,352.56	293.38	99.79