



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: 27/03/2023

Tới: 27/03/2023

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)
27/03/2023 00:00:00	24.08	0.00	240.25	99.98
27/03/2023 00:05:00	29.90	253,128.86	239.30	99.97
27/03/2023 00:10:00	27.47	247,403.69	239.95	100.01
27/03/2023 00:15:00	26.77	262,760.38	228.98	100.05
27/03/2023 00:20:00	24.29	288,011.00	227.59	100.03
27/03/2023 00:25:00	23.80	318,382.53	217.20	100.07
27/03/2023 00:30:00	25.91	218,008.70	216.59	100.05
27/03/2023 00:35:00	28.88	252,536.81	212.50	100.08
27/03/2023 00:40:00	30.81	233,756.02	212.05	100.06
27/03/2023 00:45:00	62.24	222,403.30	210.83	100.02
27/03/2023 00:50:00	25.45	230,325.78	211.87	99.98
27/03/2023 00:55:00	28.63	237,662.31	220.44	99.99
27/03/2023 01:00:00	24.45	211,416.80	217.24	99.99
27/03/2023 01:05:00	30.85	197,744.72	226.22	100.02
27/03/2023 01:10:00	27.76	235,349.05	224.07	100.04
27/03/2023 01:15:00	22.48	236,789.50	232.61	99.97
27/03/2023 01:20:00	27.28	220,602.73	232.75	99.94
27/03/2023 01:25:00	26.49	230,917.83	231.69	99.94
27/03/2023 01:30:00	25.06	224,588.39	230.95	99.93
27/03/2023 01:35:00	27.63	232,901.50	230.95	99.92
27/03/2023 01:40:00	29.07	216,897.84	232.01	99.96
27/03/2023 01:45:00	21.35	0.00	237.80	99.96
27/03/2023 01:50:00	34.54	189,468.22	246.17	99.88
27/03/2023 01:55:00	38.32	141,640.34	255.95	99.88
27/03/2023 02:00:00	47.07	145,583.28	256.87	99.92
27/03/2023 02:05:00	40.31	149,477.38	257.18	99.90
27/03/2023 02:10:00	33.42	135,194.94	256.11	99.90
27/03/2023 02:15:00	31.13	153,402.00	253.22	99.96
27/03/2023 02:20:00	40.52	158,999.02	251.54	99.93
27/03/2023 02:25:00	37.83	148,622.88	243.31	99.87
27/03/2023 02:30:00	38.09	192,410.16	244.98	99.89
27/03/2023 02:35:00	43.32	149,495.69	242.84	99.91
27/03/2023 02:40:00	35.32	171,798.28	240.09	99.93
27/03/2023 02:45:00	36.11	179,354.55	235.25	99.93
27/03/2023 02:50:00	52.38	195,706.11	231.59	99.89
27/03/2023 02:55:00	34.52	127,785.15	228.37	99.90
27/03/2023 03:00:00	39.96	165,590.91	227.47	99.88
27/03/2023 03:05:00	43.41	174,129.84	229.00	99.94
27/03/2023 03:10:00	48.68	164,980.55	230.50	99.94
27/03/2023 03:15:00	40.50	144,606.70	231.11	99.96

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)
27/03/2023 03:20:00	37.34	145,699.23	234.62	99.93
27/03/2023 03:25:00	41.63	149,123.38	236.13	99.93
27/03/2023 03:30:00	41.12	0.00	236.16	99.95
27/03/2023 03:35:00	36.13	116,932.94	232.31	99.92
27/03/2023 03:40:00	45.11	147,402.16	230.97	99.90
27/03/2023 03:45:00	36.60	156,050.97	227.50	99.89
27/03/2023 03:50:00	31.64	147,029.83	227.29	99.90
27/03/2023 03:55:00	36.90	179,244.69	219.84	99.90
27/03/2023 04:00:00	34.30	175,204.09	217.08	99.91
27/03/2023 04:05:00	45.94	149,715.42	213.86	99.90
27/03/2023 04:10:00	47.80	174,129.84	217.40	99.89
27/03/2023 04:15:00	36.67	135,585.56	217.98	99.92
27/03/2023 04:20:00	34.68	160,347.91	222.13	99.89
27/03/2023 04:25:00	34.19	154,476.23	216.15	99.91
27/03/2023 04:30:00	38.54	170,705.73	220.29	99.95
27/03/2023 04:35:00	39.94	163,625.55	224.39	99.96
27/03/2023 04:40:00	37.87	174,001.69	225.95	99.99
27/03/2023 04:45:00	39.66	175,576.41	227.43	100.01
27/03/2023 04:50:00	35.70	164,962.23	225.62	100.02
27/03/2023 04:55:00	53.08	160,848.41	230.97	100.03
27/03/2023 05:00:00	34.97	171,816.59	236.34	100.07
27/03/2023 05:05:00	50.21	163,979.55	239.21	100.07
27/03/2023 05:10:00	46.75	140,083.92	234.77	100.10
27/03/2023 05:15:00	24.25	0.00	233.40	100.10
27/03/2023 05:20:00	30.62	233,127.34	228.19	100.12
27/03/2023 05:25:00	35.74	222,269.02	232.94	100.09
27/03/2023 05:30:00	30.41	237,869.84	235.65	100.11
27/03/2023 05:35:00	26.98	342,021.81	240.04	100.09
27/03/2023 05:40:00	24.94	307,084.75	244.79	100.13
27/03/2023 05:45:00	29.34	313,273.81	242.24	100.13
27/03/2023 05:50:00	27.09	311,418.34	243.56	100.16
27/03/2023 05:55:00	24.80	328,001.84	243.86	100.19
27/03/2023 06:00:00	27.60	313,109.03	249.95	100.19
27/03/2023 06:05:00	28.09	311,418.34	252.43	100.18
27/03/2023 06:10:00	25.33	296,433.97	250.27	100.22
27/03/2023 06:15:00	24.92	304,606.69	256.36	100.23
27/03/2023 06:20:00	32.33	312,883.19	252.70	100.25
27/03/2023 06:25:00	39.31	309,843.59	256.71	100.27
27/03/2023 06:30:00	26.96	321,312.28	260.20	100.26
27/03/2023 06:35:00	36.51	307,273.97	256.98	100.25
27/03/2023 06:40:00	33.49	308,732.75	268.26	100.26
27/03/2023 06:45:00	24.27	254,813.45	270.71	100.26
27/03/2023 06:50:00	33.52	247,367.06	276.80	100.26
27/03/2023 06:55:00	27.44	257,151.14	278.79	100.26
27/03/2023 07:00:00	24.64	0.00	274.04	100.28
27/03/2023 07:05:00	26.61	259,354.55	267.08	100.33
27/03/2023 07:10:00	30.46	254,465.55	262.20	100.32
27/03/2023 07:15:00	23.18	243,106.73	254.07	100.31
27/03/2023 07:20:00	25.66	260,166.31	253.60	100.31
27/03/2023 07:25:00	24.92	275,413.12	250.27	100.27
27/03/2023 07:30:00	23.78	261,893.64	242.63	100.35
27/03/2023 07:35:00	25.19	289,268.34	239.44	100.31
27/03/2023 07:40:00	28.67	291,026.16	242.03	100.31
27/03/2023 07:45:00	28.30	279,819.94	239.28	100.37

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)
27/03/2023 07:50:00	25.84	250,778.97	240.04	100.37
27/03/2023 07:55:00	29.48	263,724.72	241.60	100.36
27/03/2023 08:00:00	25.82	261,277.19	244.02	100.36
27/03/2023 08:05:00	24.50	253,946.75	238.98	100.37
27/03/2023 08:10:00	28.44	286,082.25	239.88	100.41
27/03/2023 08:15:00	25.82	290,879.69	238.54	100.41
27/03/2023 08:20:00	23.60	283,732.38	233.95	100.38
27/03/2023 08:25:00	27.65	246,646.83	229.07	100.41
27/03/2023 08:30:00	22.97	265,037.00	231.99	100.39
27/03/2023 08:35:00	22.55	263,724.72	223.93	100.39
27/03/2023 08:40:00	24.87	264,335.09	226.67	100.41
27/03/2023 08:45:00	22.42	0.00	224.95	100.42
27/03/2023 08:50:00	26.21	273,600.38	219.91	100.42
27/03/2023 08:55:00	25.80	261,631.19	219.02	100.49
27/03/2023 09:00:00	22.02	258,725.88	221.90	100.51
27/03/2023 09:05:00	25.86	237,015.34	218.88	100.48
27/03/2023 09:10:00	21.04	273,356.22	217.65	100.48
27/03/2023 09:15:00	24.73	244,217.59	217.01	100.47
27/03/2023 09:20:00	25.66	261,759.38	218.38	100.45
27/03/2023 09:25:00	27.47	266,172.28	223.74	100.47
27/03/2023 09:30:00	26.26	247,739.38	230.46	100.45
27/03/2023 09:35:00	24.61	256,870.38	233.63	100.43
27/03/2023 09:40:00	21.23	261,020.83	233.79	100.46
27/03/2023 09:45:00	21.69	256,296.64	237.93	100.48
27/03/2023 09:50:00	24.29	230,661.48	237.48	100.45
27/03/2023 09:55:00	21.58	276,914.62	230.16	100.45
27/03/2023 10:00:00	21.93	279,581.91	233.79	100.40
27/03/2023 10:05:00	28.09	264,206.91	225.11	100.40
27/03/2023 10:10:00	24.10	260,184.62	227.57	100.43
27/03/2023 10:15:00	23.67	260,758.38	227.68	100.42
27/03/2023 10:20:00	25.68	261,893.64	233.63	100.41
27/03/2023 10:25:00	29.79	302,140.84	236.25	100.50
27/03/2023 10:30:00	21.64	0.00	244.46	100.53
27/03/2023 10:35:00	20.90	288,694.59	248.12	100.50
27/03/2023 10:40:00	27.02	309,196.62	245.81	100.50
27/03/2023 10:45:00	25.80	281,638.81	250.42	100.49
27/03/2023 10:50:00	21.86	306,883.34	251.92	100.45
27/03/2023 10:55:00	23.20	312,736.72	247.20	100.45
27/03/2023 11:00:00	22.78	306,602.59	248.58	100.50
27/03/2023 11:05:00	25.77	295,786.97	246.57	100.50
27/03/2023 11:10:00	28.95	297,343.41	248.70	100.50
27/03/2023 11:15:00	24.50	312,773.34	246.78	100.51
27/03/2023 11:20:00	22.18	286,137.19	247.98	100.48
27/03/2023 11:25:00	32.13	336,632.34	249.93	100.51
27/03/2023 11:30:00	24.87	323,588.91	249.14	100.51
27/03/2023 11:35:00	24.87	277,897.31	246.30	100.46
27/03/2023 11:40:00	23.92	241,257.34	247.64	100.45
27/03/2023 11:45:00	26.56	265,171.28	246.43	100.39
27/03/2023 11:50:00	0.00	221,011.67	251.16	100.38
27/03/2023 11:55:00	0.00	257,590.59	259.69	100.35
27/03/2023 12:00:00	0.00	213,785.00	267.45	100.39
27/03/2023 12:05:00	0.00	244,907.30	263.77	100.40
27/03/2023 12:10:00	0.00	229,031.81	273.54	100.37
27/03/2023 12:15:00	0.00	0.00	272.89	100.38

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)
27/03/2023 12:20:00	0.00	245,108.72	261.01	100.42
27/03/2023 12:25:00	0.00	229,013.50	263.31	100.35
27/03/2023 12:30:00	0.00	227,200.73	260.11	100.34
27/03/2023 12:35:00	0.00	239,127.19	257.50	100.35
27/03/2023 12:40:00	0.00	261,112.38	258.68	100.30
27/03/2023 12:45:00	0.00	226,584.27	258.61	100.30
27/03/2023 12:50:00	0.00	180,611.89	277.33	100.30
27/03/2023 12:55:00	0.00	117,116.04	280.22	100.30
27/03/2023 13:00:00	0.00	156,423.30	274.58	100.30
27/03/2023 13:05:00	0.00	168,905.17	264.84	100.30
27/03/2023 13:10:00	0.00	169,515.53	271.40	100.25
27/03/2023 13:15:00	0.00	193,038.83	258.28	100.25
27/03/2023 13:20:00	0.00	177,816.44	252.19	100.27
27/03/2023 13:25:00	0.00	144,417.48	244.72	100.22
27/03/2023 13:30:00	0.00	138,417.64	249.00	100.21
27/03/2023 13:35:00	0.00	156,850.55	251.13	100.20
27/03/2023 13:40:00	0.00	162,813.77	258.01	100.21
27/03/2023 13:45:00	0.00	146,456.09	254.18	100.18
27/03/2023 13:50:00	0.00	160,738.55	250.97	100.19
27/03/2023 13:55:00	0.00	160,256.34	250.04	100.16
27/03/2023 14:00:00	0.00	0.00	248.38	100.16
27/03/2023 14:05:00	0.00	122,194.25	251.38	100.16
27/03/2023 14:10:00	0.00	140,120.55	253.72	100.16
27/03/2023 14:15:00	0.00	126,100.56	265.74	100.14
27/03/2023 14:20:00	0.00	121,339.74	271.69	100.13
27/03/2023 14:25:00	0.00	135,603.88	268.19	100.12
27/03/2023 14:30:00	0.00	173,910.12	265.92	100.13
27/03/2023 14:35:00	79.79	138,307.77	276.90	100.10
27/03/2023 14:40:00	133.62	143,068.59	277.66	100.10
27/03/2023 14:45:00	42.58	145,253.69	277.20	100.12
27/03/2023 14:50:00	33.84	149,288.17	273.86	100.13
27/03/2023 14:55:00	45.64	130,733.20	291.39	100.10
27/03/2023 15:00:00	64.84	139,290.45	285.74	100.07
27/03/2023 15:05:00	39.92	172,817.58	287.11	100.07
27/03/2023 15:10:00	32.13	191,470.20	287.24	100.07
27/03/2023 15:15:00	36.95	164,425.12	274.62	100.07
27/03/2023 15:20:00	34.23	189,504.84	268.65	100.04
27/03/2023 15:25:00	25.43	163,796.44	278.10	100.05
27/03/2023 15:30:00	38.90	164,644.84	287.27	100.07
27/03/2023 15:35:00	25.61	152,956.44	291.06	100.07
27/03/2023 15:40:00	37.38	164,034.48	287.59	100.10
27/03/2023 15:45:00	39.87	0.00	289.86	100.11
27/03/2023 15:50:00	34.81	163,295.95	284.37	100.09
27/03/2023 15:55:00	30.85	156,697.95	286.18	100.10
27/03/2023 16:00:00	35.32	161,220.72	289.69	100.10
27/03/2023 16:05:00	37.53	153,438.62	294.42	100.08
27/03/2023 16:10:00	34.68	150,014.50	291.99	100.05
27/03/2023 16:15:00	31.04	176,095.22	290.46	100.05
27/03/2023 16:20:00	35.53	180,630.20	294.58	100.08
27/03/2023 16:25:00	27.56	213,546.95	287.89	100.10
27/03/2023 16:30:00	26.91	239,163.81	281.02	100.10
27/03/2023 16:35:00	28.14	240,628.67	285.28	100.15
27/03/2023 16:40:00	26.56	294,047.47	274.02	100.12
27/03/2023 16:45:00	27.89	271,390.88	273.26	100.11

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)
27/03/2023 16:50:00	31.04	248,795.30	272.20	100.15
27/03/2023 16:55:00	28.79	245,889.98	260.14	100.15
27/03/2023 17:00:00	27.21	249,051.66	256.02	100.16
27/03/2023 17:05:00	21.86	241,867.70	249.93	100.19
27/03/2023 17:10:00	27.86	254,203.09	247.52	100.17
27/03/2023 17:15:00	28.09	261,258.88	248.42	100.15
27/03/2023 17:20:00	29.32	226,974.91	254.63	100.16
27/03/2023 17:25:00	30.95	228,812.09	257.10	100.18
27/03/2023 17:30:00	28.49	0.00	254.49	100.17
27/03/2023 17:35:00	24.10	288,932.62	248.10	100.21
27/03/2023 17:40:00	25.41	284,617.38	251.48	100.18
27/03/2023 17:45:00	23.80	253,928.44	246.59	100.21
27/03/2023 17:50:00	24.78	301,860.06	253.58	100.22
27/03/2023 17:55:00	26.47	292,710.78	259.40	100.23
27/03/2023 18:00:00	28.63	272,819.09	263.98	100.23
27/03/2023 18:05:00	25.08	313,939.12	277.08	100.23
27/03/2023 18:10:00	27.74	302,494.84	277.38	100.22
27/03/2023 18:15:00	21.81	299,082.94	272.66	100.23
27/03/2023 18:20:00	31.78	282,230.88	277.24	100.24
27/03/2023 18:25:00	28.60	297,361.72	273.86	100.25
27/03/2023 18:30:00	23.34	312,700.09	286.20	100.24
27/03/2023 18:35:00	28.95	301,121.53	279.81	100.24
27/03/2023 18:40:00	29.23	311,497.66	284.09	100.22
27/03/2023 18:45:00	32.31	329,552.16	288.65	100.22
27/03/2023 18:50:00	27.00	278,690.78	288.35	100.22
27/03/2023 18:55:00	37.48	306,492.72	282.98	100.17
27/03/2023 19:00:00	33.24	273,673.62	293.63	100.20
27/03/2023 19:05:00	33.40	289,561.31	293.68	100.25
27/03/2023 19:10:00	34.97	296,122.69	295.64	100.25
27/03/2023 19:15:00	30.92	0.00	292.61	100.26
27/03/2023 19:20:00	28.81	293,083.09	286.50	100.27
27/03/2023 19:25:00	35.58	304,179.44	287.59	100.26
27/03/2023 19:30:00	24.70	291,972.22	274.46	100.30
27/03/2023 19:35:00	30.25	249,552.16	278.14	100.25
27/03/2023 19:40:00	29.76	244,052.80	254.79	100.27
27/03/2023 19:45:00	34.30	262,333.09	250.67	100.26
27/03/2023 19:50:00	25.41	287,711.91	235.90	100.26
27/03/2023 19:55:00	28.97	286,027.31	232.56	100.30
27/03/2023 20:00:00	30.59	281,638.81	241.71	100.30
27/03/2023 20:05:00	21.86	185,891.52	251.16	100.27
27/03/2023 20:10:00	33.38	187,209.89	249.28	100.30
27/03/2023 20:15:00	27.49	195,504.69	256.02	100.26
27/03/2023 20:20:00	30.34	207,711.91	256.80	100.26
27/03/2023 20:25:00	29.07	210,159.45	259.83	100.30
27/03/2023 20:30:00	36.97	168,575.56	263.21	100.30
27/03/2023 20:35:00	29.97	163,814.77	280.11	100.34
27/03/2023 20:40:00	34.28	170,760.66	287.29	100.33
27/03/2023 20:45:00	33.03	194,540.31	293.68	100.37
27/03/2023 20:50:00	28.92	217,361.72	292.17	100.37
27/03/2023 20:55:00	32.87	177,462.42	283.49	100.38
27/03/2023 21:00:00	27.00	0.00	284.40	100.37
27/03/2023 21:05:00	38.61	196,377.52	279.53	100.39
27/03/2023 21:10:00	29.83	195,577.94	276.78	100.37
27/03/2023 21:15:00	30.08	186,245.52	281.34	100.38

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)
27/03/2023 21:20:00	33.10	182,986.19	280.16	100.40
27/03/2023 21:25:00	32.31	209,579.61	271.18	100.38
27/03/2023 21:30:00	31.31	187,985.05	277.40	100.37
27/03/2023 21:35:00	29.14	222,732.89	271.31	100.37
27/03/2023 21:40:00	33.70	186,135.66	275.88	100.37
27/03/2023 21:45:00	35.19	202,597.09	280.28	100.39
27/03/2023 21:50:00	39.34	215,286.48	278.74	100.38
27/03/2023 21:55:00	33.19	198,953.23	280.30	100.37
27/03/2023 22:00:00	28.76	206,875.72	275.72	100.40
27/03/2023 22:05:00	34.58	222,122.53	276.01	100.40
27/03/2023 22:10:00	29.97	204,745.56	280.58	100.41
27/03/2023 22:15:00	28.18	204,562.45	273.75	100.44
27/03/2023 22:20:00	40.73	183,187.61	278.91	100.44
27/03/2023 22:25:00	33.77	206,564.44	279.51	100.44
27/03/2023 22:30:00	31.80	223,288.31	279.79	100.43
27/03/2023 22:35:00	27.74	225,027.84	271.40	100.45
27/03/2023 22:40:00	29.92	204,562.45	281.06	100.45
27/03/2023 22:45:00	33.42	0.00	272.34	100.44
27/03/2023 22:50:00	29.76	210,232.70	273.88	100.45
27/03/2023 22:55:00	34.23	198,690.78	286.22	100.48
27/03/2023 23:00:00	39.03	189,913.80	287.43	100.46
27/03/2023 23:05:00	33.82	223,569.09	291.25	100.46
27/03/2023 23:10:00	29.21	196,041.81	276.32	100.46
27/03/2023 23:15:00	30.85	211,136.03	270.99	100.47
27/03/2023 23:20:00	31.29	217,843.91	268.84	100.44
27/03/2023 23:25:00	38.29	214,438.09	270.21	100.45
27/03/2023 23:30:00	31.24	218,716.72	263.19	100.46
27/03/2023 23:35:00	29.25	217,862.20	271.15	100.40
27/03/2023 23:40:00	26.84	219,809.27	257.96	100.44
27/03/2023 23:45:00	28.34	234,219.88	248.00	100.42
27/03/2023 23:50:00	27.86	206,894.03	247.84	100.45
27/03/2023 23:55:00	33.24	241,886.02	251.92	100.43