QUANG SƠN CEMENT

V-CEMDAS

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: 22/03/2023 Tới: 22/03/2023

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (°C)	P (kPa)
22/03/2023 00:00:00	40.73	169,979.41	281.16	99.30
22/03/2023 00:05:00	38.76	146,327.92	277.47	99.30
22/03/2023 00:10:00	41.86	160,219.73	280.06	99.31
22/03/2023 00:15:00	39.82	171,779.95	284.90	99.30
22/03/2023 00:20:00	34.21	168,630.50	281.57	99.31
22/03/2023 00:25:00	37.58	158,516.81	280.22	99.31
22/03/2023 00:30:00	35.53	176,333.27	273.35	99.31
22/03/2023 00:35:00	37.27	187,783.62	278.54	99.32
22/03/2023 00:40:00	27.84	162,185.09	280.37	99.32
22/03/2023 00:45:00	34.91	154,976.73	277.62	99.31
22/03/2023 00:50:00	35.10	178,628.20	266.32	99.30
22/03/2023 00:55:00	34.07	157,405.97	271.69	99.31
22/03/2023 01:00:00	29.05	0.00	272.59	99.30
22/03/2023 01:05:00	32.82	174,483.86	273.01	99.27
22/03/2023 01:10:00	35.90	166,164.64	270.44	99.24
22/03/2023 01:15:00	42.53	156,679.64	264.97	99.23
22/03/2023 01:20:00	32.64	173,757.53	268.86	99.24
22/03/2023 01:25:00	31.71	160,555.44	273.79	99.21
22/03/2023 01:30:00	41.33	150,215.92	278.38	99.18
22/03/2023 01:35:00	32.85	154,738.69	270.14	99.18
22/03/2023 01:40:00	32.22	217,642.48	268.58	99.16
22/03/2023 01:45:00	38.43	205,209.44	281.41	99.15
22/03/2023 01:50:00	98.86	293,400.47	280.04	99.21
22/03/2023 01:55:00	40.77	301,176.47	280.48	99.19
22/03/2023 02:00:00	28.72	281,895.16	284.90	99.16
22/03/2023 02:05:00	38.41	283,506.53	286.29	99.18
22/03/2023 02:10:00	30.57	287,510.50	285.95	99.16
22/03/2023 02:15:00	39.87	226,529.34	281.25	99.16
22/03/2023 02:20:00	31.53	219,919.12	289.78	99.18
22/03/2023 02:25:00	35.79	238,516.81	276.52	99.18
22/03/2023 02:30:00	38.45	257,389.19	282.48	99.14
22/03/2023 02:35:00	37.58	213,620.20	284.47	99.16
22/03/2023 02:40:00	35.03	219,827.56	270.88	99.15
22/03/2023 02:45:00	40.52	0.00	275.43	99.16
22/03/2023 02:50:00	34.86	226,791.80	267.08	99.15
22/03/2023 02:55:00	36.62	222,342.27	279.12	99.17
22/03/2023 03:00:00	40.19	221,658.66	271.18	99.16
22/03/2023 03:05:00	34.54	197,634.84	281.25	99.15
22/03/2023 03:10:00	40.35	165,810.64	275.60	99.13
22/03/2023 03:15:00	43.81	170,089.27	278.05	99.13

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (°C)	P (kPa)
22/03/2023 03:20:00	38.09	179,482.72	281.57	99.15
22/03/2023 03:25:00	42.98	170,644.69	289.95	99.12
22/03/2023 03:30:00	47.22	172,146.19	289.95	99.14
22/03/2023 03:35:00	37.51	167,183.95	290.58	99.15
22/03/2023 03:40:00	34.52	219,253.83	293.47	99.13
22/03/2023 03:45:00	34.26	235,587.09	298.49	99.14
22/03/2023 03:50:00	40.10	154,738.69	302.01	99.13
22/03/2023 03:55:00	40.98	165,719.08	302.01	99.13
22/03/2023 04:00:00	37.87	169,613.19	305.97	99.15
22/03/2023 04:05:00	45.50	167,794.31	302.01	99.15
22/03/2023 04:10:00	37.53	155,831.23	305.36	99.09
22/03/2023 04:15:00	38.18	162,533.00	303.07	99.13
22/03/2023 04:20:00	45.04	158,516.81	308.26	99.10
22/03/2023 04:25:00	48.65	154,512.86	314.07	99.11
22/03/2023 04:30:00	48.47	0.00	306.87	99.15
22/03/2023 04:35:00	38.03	164,254.22	314.51	99.13
22/03/2023 04:40:00	44.32	150,588.23	305.23	99.15
22/03/2023 04:45:00	42.58	131,953.92	306.13	99.15
22/03/2023 04:50:00	48.52	148,030.81	306.59	99.15
22/03/2023 04:55:00	42.44	152,791.64	315.11	99.15
22/03/2023 05:00:00	40.77	153,994.05	301.85	99.15
22/03/2023 05:05:00	42.25	156,087.59	299.58	99.17
22/03/2023 05:10:00	46.24	183,407.34	305.20	99.18
22/03/2023 05:15:00	41.42	138,179.59	297.61	99.18
22/03/2023 05:20:00	36.83	161,812.77	308.12	99.18
22/03/2023 05:25:00	50.19	157,308.31	305.36	99.22
22/03/2023 05:30:00	41.70	177,279.31	308.89	99.22
22/03/2023 05:35:00	41.82	173,019.00	297.45	99.22
22/03/2023 05:40:00	34.37	216,452.28	309.81	99.26
22/03/2023 05:45:00	37.00	214,749.38	309.95	99.27
22/03/2023 05:50:00	42.00	230,606.55	309.95	99.26
22/03/2023 05:55:00	41.79	242,423.12	301.57	99.22
22/03/2023 06:00:00	36.93	214,248.88	300.81	99.26
22/03/2023 06:05:00	42.33	247,421.98	312.08	99.27
22/03/2023 06:10:00	41.12	243,179.98	297.59	99.27
22/03/2023 06:15:00	39.41	0.00	309.95	99.27
22/03/2023 06:20:00	32.89	213,766.69	303.70	99.27
22/03/2023 06:25:00	36.53	240,848.41	297.73	99.25
22/03/2023 06:30:00	34.77	227,310.59	300.21	99.30
22/03/2023 06:35:00	43.65	238,052.95	307.03	99.29
22/03/2023 06:40:00	37.34	220,712.59	308.12	99.25
22/03/2023 06:45:00	48.88	224,509.05	304.17	99.30
22/03/2023 06:50:00	38.71	208,523.69	306.87	99.32
22/03/2023 06:55:00	42.02	217,526.52	312.66	99.30
22/03/2023 07:00:00	41.42	217,788.97	316.64	99.31
22/03/2023 07:05:00	38.48	219,736.02	317.27	99.33
22/03/2023 07:10:00	44.04	235,849.55	317.40	99.35
22/03/2023 07:15:00	43.67	236,514.84	317.54	99.37
22/03/2023 07:20:00	36.93	224,734.88	311.73	99.36
22/03/2023 07:25:00	46.33	220,956.73	314.81	99.35
22/03/2023 07:30:00	45.08	238,406.95	315.39	99.36
22/03/2023 07:35:00	35.86	220,456.23	307.19	99.41
22/03/2023 07:40:00	36.23	248,404.67	304.91	99.41
22/03/2023 07:45:00	41.51	238,864.73	307.17	99.41

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (^oC)	P (kPa)
22/03/2023 07:50:00	40.17	231,400.02	309.72	99.41
22/03/2023 07:55:00	49.58	230,789.66	310.80	99.40
22/03/2023 08:00:00	35.37	0.00	313.70	99.41
22/03/2023 08:05:00	48.70	230,569.92	318.43	99.41
22/03/2023 08:10:00	39.84	232,901.50	314.02	99.41
22/03/2023 08:15:00	43.46	264,225.22	305.60	99.41
22/03/2023 08:20:00	47.49	210,934.62	299.53	99.47
22/03/2023 08:25:00	40.52	249,588.77	290.09	99.45
22/03/2023 08:30:00	29.92	238,736.55	284.90	99.48
22/03/2023 08:35:00	37.16	222,122.53	275.58	99.47
22/03/2023 08:40:00	39.34	229,697.11	281.99	99.45
22/03/2023 08:45:00	33.12	233,829.25	282.12	99.47
22/03/2023 08:50:00	30.90	252,127.88	287.45	99.51
22/03/2023 08:55:00	34.61	246,793.31	289.91	99.48
22/03/2023 09:00:00	35.42	245,127.03	290.18	99.48
22/03/2023 09:05:00	36.00	231,754.02	288.95	99.51
22/03/2023 09:10:00	33.24	234,683.77	284.42	99.49
22/03/2023 09:15:00	34.58	227,957.58	292.64	99.48
22/03/2023 09:20:00	38.16	212,326.23	301.89	99.47
22/03/2023 09:25:00	32.75	221,365.69	304.95	99.53
22/03/2023 09:30:00	36.48	229,550.62	297.01	99.50
22/03/2023 09:35:00	38.32	225,363.55	295.48	99.49
22/03/2023 09:40:00	40.59	224,771.50	299.14	99.47
22/03/2023 09:45:00	42.60	0.00	302.63	99.50
22/03/2023 09:50:00	41.28	294,139.00	309.16	99.48
22/03/2023 09:55:00	38.43	249,869.55	314.67	99.50
22/03/2023 10:00:00	38.25	261,795.98	312.52	99.50
22/03/2023 10:05:00	43.69	273,637.00	319.05	99.50
22/03/2023 10:10:00	41.70	275,358.22	325.02	99.50
22/03/2023 10:15:00	42.93	269,394.97	320.44	99.51
22/03/2023 10:20:00	47.63	255,814.45	317.08	99.52
22/03/2023 10:25:00	43.09	269,834.44	323.03	99.52
22/03/2023 10:30:00	38.85	277,799.66	319.97	99.51
22/03/2023 10:35:00	34.56	281,803.62	319.81	99.47
22/03/2023 10:40:00	36.55	267,649.34	312.34	99.46
22/03/2023 10:45:00	35.10	275,950.25	313.26	99.48
22/03/2023 10:50:00	48.65	260,965.91	312.94	99.47
22/03/2023 10:55:00	45.32	256,888.69	322.87	99.47
22/03/2023 11:00:00	40.35	261,411.45	309.28	99.49
22/03/2023 11:05:00	39.66	205,209.44	318.91	99.42
22/03/2023 11:10:00	39.77	203,250.17	316.17	99.40
22/03/2023 11:15:00	37.83	224,087.89	316.13	99.38
22/03/2023 11:20:00	42.44	197,134.36	318.43	99.38
22/03/2023 11:25:00	41.19	192,483.41	333.95	99.35
22/03/2023 11:30:00	98.52	0.00	335.04	99.41
22/03/2023 11:35:00	43.72	183,114.38	333.84	99.36
22/03/2023 11:40:00	49.44	221,640.34	334.12	99.34
22/03/2023 11:45:00	42.98	198,062.09	334.58	99.28
22/03/2023 11:50:00	49.07	211,636.53	329.09	99.35
22/03/2023 11:55:00	44.88	235,794.61	332.75	99.32
22/03/2023 12:00:00	38.96	214,322.12	333.07	99.33
22/03/2023 12:05:00	42.05	212,729.08	328.66	99.33
22/03/2023 12:10:00	38.90	218,844.89	323.91	99.36
22/03/2023 12:15:00	44.04	219,082.94	307.01	99.33

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (^{o}C)	P (kPa)
22/03/2023 12:20:00	35.77	233,456.94	296.45	99.30
22/03/2023 12:25:00	41.49	232,736.70	301.80	99.32
22/03/2023 12:30:00	46.78	255,686.27	291.75	99.31
22/03/2023 12:35:00	39.38	223,477.53	290.99	99.30
22/03/2023 12:40:00	34.47	255,521.48	289.28	99.27
22/03/2023 12:45:00	36.09	217,843.91	287.72	99.22
22/03/2023 12:50:00	38.01	212,118.72	293.10	99.24
22/03/2023 12:55:00	35.60	242,148.47	302.70	99.19
22/03/2023 13:00:00	33.94	207,229.72	294.81	99.22
22/03/2023 13:05:00	34.35	236,533.16	312.47	99.17
22/03/2023 13:10:00	44.21	219,455.25	314.18	99.15
22/03/2023 13:15:00	41.84	0.00	316.62	99.19
22/03/2023 13:20:00	38.57	217,990.39	324.09	99.22
22/03/2023 13:25:00	45.90	198,245.20	322.26	99.18
22/03/2023 13:30:00	44.66	211,398.48	327.73	99.17
22/03/2023 13:35:00	44.92	233,475.23	328.49	99.13
22/03/2023 13:40:00	39.12	230,789.66	325.60	99.15
22/03/2023 13:45:00	42.69	233,145.66	304.28	99.19
22/03/2023 13:50:00	38.90	249,723.05	294.07	99.25
22/03/2023 13:55:00	35.95	277,671.47	281.87	99.17
22/03/2023 14:00:00	31.96	249,961.09	273.50	99.16
22/03/2023 14:05:00	33.31	253,629.36	260.39	99.10
22/03/2023 14:10:00	34.93	242,185.09	261.59	99.11
22/03/2023 14:15:00	36.26	238,626.69	261.15	99.12
22/03/2023 14:20:00	28.37	252,799.27	261.30	99.10
22/03/2023 14:25:00	35.28	240,091.55	266.34	99.09
22/03/2023 14:30:00	30.95	255,466.55	268.31	99.06
22/03/2023 14:35:00	38.80	256,351.56	275.62	99.09
22/03/2023 14:40:00	33.77	223,361.56	267.38	99.13
22/03/2023 14:45:00	34.52	238,016.33	275.16	99.10
22/03/2023 14:50:00	36.80	219,601.73	283.56	99.02
22/03/2023 14:55:00	35.70	228,403.14	289.21	99.08
22/03/2023 15:00:00	34.35	0.00	293.77	99.11
22/03/2023 15:05:00	34.95	229,733.73	292.13	99.02
22/03/2023 15:10:00	39.15	222,916.00	298.82	99.04
22/03/2023 15:15:00	36.93	250,833.91	300.50	99.05
22/03/2023 15:20:00	38.29	222,531.47	296.52	99.00
22/03/2023 15:25:00	39.75	221,347.38	305.85	99.00
22/03/2023 15:30:00	42.07	220,846.88	309.05	99.01
22/03/2023 15:35:00	39.01	209,103.53	311.18	99.04
22/03/2023 15:40:00	39.45	216,324.09	326.41	99.00
22/03/2023 15:45:00	40.66	203,634.70	320.46	99.00
22/03/2023 15:50:00	43.56	217,935.45	315.14	99.01
22/03/2023 15:55:00	40.19	223,990.23	318.19	98.98
22/03/2023 16:00:00	39.10	206,955.06	307.82	98.97
22/03/2023 16:05:00	32.17	232,437.62	305.69	98.96
22/03/2023 16:10:00	37.64	212,228.58	310.55	98.98
22/03/2023 16:15:00	45.08	218,509.19	301.24	98.99
22/03/2023 16:20:00	39.43	280,875.88	300.53	99.01
22/03/2023 16:25:00	35.28	267,820.25	313.47	98.97
22/03/2023 16:30:00	32.08	279,893.19	311.85	99.01
22/03/2023 16:35:00	35.46	237,698.94	306.50	99.00
22/03/2023 16:40:00	39.70	207,449.45	307.87	98.95
22/03/2023 16:45:00	36.04	0.00	302.49	98.96

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (°C)	P (kPa)
22/03/2023 16:50:00	49.63	197,360.19	303.88	98.98
22/03/2023 16:55:00	40.50	216,604.88	304.65	98.99
22/03/2023 17:00:00	38.16	224,271.00	318.68	98.97
22/03/2023 17:05:00	47.98	219,992.38	320.20	98.98
22/03/2023 17:10:00	41.17	216,122.69	320.85	99.01
22/03/2023 17:15:00	36.88	218,637.38	324.32	99.00
22/03/2023 17:20:00	37.71	224,643.31	326.45	98.99
22/03/2023 17:25:00	40.17	227,048.14	321.29	99.00
22/03/2023 17:30:00	50.97	243,314.27	327.84	99.00
22/03/2023 17:35:00	39.43	225,009.55	318.84	99.00
22/03/2023 17:40:00	39.52	231,607.55	315.95	99.00
22/03/2023 17:45:00	39.59	214,303.81	304.23	99.02
22/03/2023 17:50:00	37.60	217,087.05	304.51	99.00
22/03/2023 17:55:00	42.58	215,750.36	297.96	99.01
22/03/2023 18:00:00	37.85	251,371.02	301.96	99.04
22/03/2023 18:05:00	37.36	232,608.53	300.57	99.01
22/03/2023 18:10:00	43.14	244,815.75	290.23	99.00
22/03/2023 18:15:00	43.21	236,386.66	300.11	99.04
22/03/2023 18:20:00	46.57	239,572.75	291.43	99.01
22/03/2023 18:25:00	39.99	234,201.56	300.11	99.05
22/03/2023 18:30:00	44.14	0.00	297.38	99.05
22/03/2023 18:35:00	36.18	227,737.84	290.97	99.05
22/03/2023 18:40:00	44.76	216,122.69	301.31	99.01
22/03/2023 18:45:00	36.53	223,361.56	295.41	99.04
22/03/2023 18:50:00	37.94	226,163.12	298.60	99.01
22/03/2023 18:55:00	44.11	243,350.88	308.98	99.03
22/03/2023 19:00:00	40.70	247,776.00	314.49	99.05
22/03/2023 19:05:00	36.53	238,382.55	313.56	99.05
22/03/2023 19:10:00	41.73	204,708.94	305.02	99.09
22/03/2023 19:15:00	39.34	210,415.81	292.96	99.10
22/03/2023 19:20:00	42.69	253,965.06	288.54	99.14
22/03/2023 19:25:00	37.22	278,245.22	255.62	99.10
22/03/2023 19:30:00	58.67	236,276.80	247.78	99.12
22/03/2023 19:35:00	32.96	278,373.38	237.19	99.10
22/03/2023 19:40:00	33.03	256,516.38	220.83	99.10
22/03/2023 19:45:00	30.59	266,910.81	213.53	99.08
22/03/2023 19:50:00	30.39	281,413.00	210.32	99.12
22/03/2023 19:55:00	35.39	253,849.09	204.72	99.16
22/03/2023 20:00:00	41.37	251,572.44	199.51	99.15
22/03/2023 20:05:00	31.36	310,569.91	198.47	99.23
22/03/2023 20:10:00	27.24	314,457.91	196.64	99.21
22/03/2023 20:15:00	33.12	0.00	197.57	99.19
22/03/2023 20:20:00	30.23	298,600.75	197.82	99.20
22/03/2023 20:25:00	27.02	297,233.53	198.26	99.18
22/03/2023 20:30:00	33.19	339,592.59	199.97	99.18
22/03/2023 20:35:00	32.71	319,719.22	201.50	99.23
22/03/2023 20:40:00	31.78	325,072.09	205.46	99.23
22/03/2023 20:45:00	29.23	323,741.50	208.51	99.24
22/03/2023 20:50:00	27.00	306,791.78	206.25	99.22
22/03/2023 20:55:00	49.63	333,629.38	200.76	99.29
22/03/2023 21:00:00	53.45	304,252.69	194.67	99.27
22/03/2023 21:05:00	160.34	309,868.00	189.49	99.27
22/03/2023 21:10:00	30.46	279,819.94	181.69	99.23
22/03/2023 21:15:00	23.58	307,176.31	177.91	99.30

Thời gian	NỒNG ĐỘ CHO PHÉP THEO QCVN 23: 2009/BTNMT			
	≤ 140 mg/Nm^3	(-)	(-)	(-)
	PM (mg/Nm3)	Flow (m3/h)	Temp (°C)	P (kPa)
22/03/2023 21:20:00	32.06	279,490.34	166.92	99.28
22/03/2023 21:25:00	24.90	293,382.16	166.92	99.28
22/03/2023 21:30:00	23.96	301,676.97	159.14	99.29
22/03/2023 21:35:00	28.79	295,713.75	161.13	99.27
22/03/2023 21:40:00	22.85	300,065.62	155.92	99.27
22/03/2023 21:45:00	28.53	271,689.94	150.44	99.28
22/03/2023 21:50:00	25.86	248,258.19	152.45	99.28
22/03/2023 21:55:00	23.74	279,136.34	147.10	99.27
22/03/2023 22:00:00	25.22	0.00	148.17	99.27
22/03/2023 22:05:00	23.00	281,522.84	142.66	99.26
22/03/2023 22:10:00	23.04	261,167.31	139.19	99.24
22/03/2023 22:15:00	19.63	256,559.09	142.08	99.23
22/03/2023 22:20:00	22.67	245,352.86	140.88	99.26
22/03/2023 22:25:00	25.26	259,964.91	145.90	99.26
22/03/2023 22:30:00	23.60	278,098.72	146.22	99.27
22/03/2023 22:35:00	24.01	100,593.58	138.28	99.22
22/03/2023 22:40:00	29.21	133,638.52	139.21	99.22
22/03/2023 22:45:00	23.78	242,667.28	136.61	99.24
22/03/2023 22:50:00	24.83	260,111.39	145.16	99.25
22/03/2023 22:55:00	24.12	149,123.38	142.87	99.24
22/03/2023 23:00:00	25.10	139,754.33	142.27	99.23
22/03/2023 23:05:00	30.08	157,051.95	134.46	99.25
22/03/2023 23:10:00	28.90	161,330.59	139.07	99.27
22/03/2023 23:15:00	27.91	169,033.34	141.50	99.22
22/03/2023 23:20:00	23.58	167,794.31	139.21	99.22
22/03/2023 23:25:00	25.91	149,868.02	137.84	99.20
22/03/2023 23:30:00	30.32	137,880.52	137.98	99.22
22/03/2023 23:35:00	25.28	167,904.17	140.88	99.24
22/03/2023 23:40:00	23.62	149,495.69	139.37	99.24
22/03/2023 23:45:00	23.64	0.00	134.14	99.23
22/03/2023 23:50:00	27.47	151,680.78	135.85	99.21
22/03/2023 23:55:00	26.15	142,787.81	133.42	99.22