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: 23/03/2023 Tới: 23/03/2023

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)
23/03/2023 00:00:00	19.54	157,308.31	133.75	99.22
23/03/2023 00:05:00	26.31	147,792.78	138.15	99.24
23/03/2023 00:10:00	19.12	150,942.23	133.40	99.21
23/03/2023 00:15:00	23.22	141,567.09	131.43	99.21
23/03/2023 00:20:00	23.67	153,328.77	130.99	99.19
23/03/2023 00:25:00	22.97	157,515.83	131.41	99.18
23/03/2023 00:30:00	23.74	136,916.16	136.45	99.21
23/03/2023 00:35:00	21.95	144,362.55	130.50	99.22
23/03/2023 00:40:00	25.68	137,526.52	134.16	99.19
23/03/2023 00:45:00	25.28	145,937.30	129.60	99.20
23/03/2023 00:50:00	28.18	135,451.30	129.74	99.20
23/03/2023 00:55:00	25.93	146,437.78	130.21	99.20
23/03/2023 01:00:00	24.06	149,367.52	132.96	99.18
23/03/2023 01:05:00	22.95	138,252.84	130.34	99.16
23/03/2023 01:10:00	27.31	145,583.28	128.53	99.17
23/03/2023 01:15:00	19.56	126,301.98	128.21	99.17
23/03/2023 01:20:00	22.02	152,034.80	127.75	99.17
23/03/2023 01:25:00	24.18	128,657.97	127.17	99.17
23/03/2023 01:30:00	22.06	0.00	127.01	99.15
23/03/2023 01:35:00	21.60	143,050.28	124.12	99.15
23/03/2023 01:40:00	29.30	134,840.92	123.96	99.15
23/03/2023 01:45:00	18.45	127,394.52	123.79	99.15
23/03/2023 01:50:00	27.63	143,306.62	123.33	99.15
23/03/2023 01:55:00	20.44	140,828.56	124.58	99.16
23/03/2023 02:00:00	24.75	128,267.34	123.19	99.15
23/03/2023 02:05:00	23.45	135,323.11	121.97	99.15
23/03/2023 02:10:00	23.22	141,438.94	122.29	99.14
23/03/2023 02:15:00	18.73	118,171.97	120.32	99.15
23/03/2023 02:20:00	23.94	119,154.65	118.47	99.15
23/03/2023 02:25:00	23.96	110,835.43	117.43	99.15
23/03/2023 02:30:00	18.98	120,448.62	117.11	99.13
23/03/2023 02:35:00	22.90	129,604.03	117.71	99.16
23/03/2023 02:40:00	19.56	122,914.47	117.17	99.17
23/03/2023 02:45:00	20.72	128,767.83	116.04	99.15
23/03/2023 02:50:00	21.14	130,714.89	115.88	99.10
23/03/2023 02:55:00	20.90	118,989.85	113.73	99.10
23/03/2023 03:00:00	19.36	127,302.97	115.00	99.12
23/03/2023 03:05:00	23.99	126,802.47	116.34	99.12
23/03/2023 03:10:00	21.46	115,339.89	114.95	99.11
23/03/2023 03:15:00	19.94	0.00	111.94	99.12

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)
23/03/2023 03:20:00	20.51	100,111.39	105.23	99.11
23/03/2023 03:25:00	42.23	91,853.21	105.71	99.12
23/03/2023 03:30:00	17.24	111,226.06	102.22	99.12
23/03/2023 03:35:00	18.56	95,130.85	101.89	99.10
23/03/2023 03:40:00	16.48	106,245.52	100.39	99.12
23/03/2023 03:45:00	15.11	98,799.11	98.10	99.13
23/03/2023 03:50:00	18.13	112,465.09	97.06	99.13
23/03/2023 03:55:00	15.27	92,109.56	95.85	99.13
23/03/2023 04:00:00	14.32	105,018.69	93.68	99.12
23/03/2023 04:05:00	18.24	97,334.25	91.85	99.10
23/03/2023 04:10:00	14.21	96,742.20	92.17	99.13
23/03/2023 04:15:00	12.56	101,722.74	90.78	99.10
23/03/2023 04:20:00	15.79	94,795.15	91.87	99.13
23/03/2023 04:25:00	15.14	102,003.51	87.91	99.16
23/03/2023 04:30:00	18.94	137,105.36	89.12	99.15
23/03/2023 04:35:00	15.95	220,529.48	92.47	99.15
23/03/2023 04:40:00	12.38	216,140.98	92.91	99.16
23/03/2023 04:45:00	12.31	230,826.28	88.52	99.15
23/03/2023 04:50:00	12.28	247,537.95	84.40	99.15
23/03/2023 04:55:00	22.22	181,374.84	84.72	99.16
23/03/2023 05:00:00	9.01	0.00	80.13	99.17
23/03/2023 05:05:00	13.14	244,443.44	79.67	99.15
23/03/2023 05:10:00	10.61	222,214.08	81.80	99.16
23/03/2023 05:15:00	10.12	227,475.39	78.45	99.18
23/03/2023 05:20:00	28.83	235,715.27	79.21	99.19
23/03/2023 05:25:00	9.59	231,381.70	78.91	99.22
23/03/2023 05:30:00	8.62	229,678.80	77.68	99.25
23/03/2023 05:35:00	11.57	258,554.97	74.17	99.23
23/03/2023 05:40:00	8.71	236,752.88	72.50	99.24
23/03/2023 05:45:00	9.90	232,217.91	71.87	99.26
23/03/2023 05:50:00	10.61	251,871.52	69.60	99.28
23/03/2023 05:55:00	14.39	261,875.33	70.53	99.27
23/03/2023 06:00:00	11.33	232,846.56	69.47	99.29
23/03/2023 06:05:00	8.69	215,140.00	73.40	99.25
23/03/2023 06:10:00	9.41	270,872.06	75.85	99.27
23/03/2023 06:15:00	12.05	295,512.31	85.14	99.27
23/03/2023 06:20:00	39.41	342,095.06	103.86	99.27
23/03/2023 06:25:00	26.12	334,886.69	119.12	99.27
23/03/2023 06:30:00	18.29	349,797.81	130.72	99.30
23/03/2023 06:35:00	20.44	351,006.34	138.63	99.28
23/03/2023 06:40:00	16.50	301,731.91	145.94	99.31
23/03/2023 06:45:00	13.88	0.00	147.64	99.30
23/03/2023 06:50:00	21.79	276,005.19	150.06	99.29
23/03/2023 06:55:00	17.33	253,849.09	158.61	99.33
23/03/2023 07:00:00	18.87	246,610.20	165.02	99.32
23/03/2023 07:05:00	23.02	259,391.17	179.03	99.35
23/03/2023 07:10:00	22.35	247,330.44	189.56	99.35
23/03/2023 07:15:00	21.00	242,795.45	195.67	99.38
23/03/2023 07:20:00	25.41	212,454.41	203.43	99.36
23/03/2023 07:25:00	32.22	243,570.61	209.81	99.36
23/03/2023 07:30:00	28.51	245,517.66	217.59	99.38
23/03/2023 07:35:00	25.82	245,517.66	223.87	99.37
23/03/2023 07:40:00	26.59	235,867.86	223.24	99.40
23/03/2023 07:45:00	27.93	235,275.81	231.15	99.42

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)
23/03/2023 07:50:00	28.09	236,978.70	234.97	99.42
23/03/2023 07:55:00	27.31	225,845.73	238.58	99.42
23/03/2023 08:00:00	30.41	225,125.52	236.01	99.45
23/03/2023 08:05:00	32.04	213,418.78	238.77	99.44
23/03/2023 08:10:00	28.00	224,014.66	241.20	99.46
23/03/2023 08:15:00	34.42	218,289.45	245.90	99.46
23/03/2023 08:20:00	31.38	222,659.66	246.82	99.46
23/03/2023 08:25:00	33.29	235,739.69	251.27	99.52
23/03/2023 08:30:00	29.43	0.00	253.10	99.48
23/03/2023 08:35:00	29.95	225,217.06	253.40	99.47
23/03/2023 08:40:00	35.51	215,841.92	255.06	99.46
23/03/2023 08:45:00	34.54	220,846.88	250.18	99.48
23/03/2023 08:50:00	32.22	218,027.02	253.98	99.48
23/03/2023 08:55:00	33.47	235,104.91	251.68	99.51
23/03/2023 09:00:00	28.02	243,625.55	251.68	99.49
23/03/2023 09:05:00	27.98	235,385.67	255.53	99.46
23/03/2023 09:10:00	30.90	229,715.42	253.03	99.47
23/03/2023 09:15:00	29.30	229,715.42	255.66	99.47
23/03/2023 09:20:00	29.53	229,251.55	255.21	99.50
23/03/2023 09:25:00	30.90	230,960.56	259.93	99.47
23/03/2023 09:30:00	31.78	244,126.05	255.34	99.48
23/03/2023 09:35:00	30.64	234,738.69	255.04	0.00
23/03/2023 09:40:00	32.49	229,477.38	256.27	100.94
23/03/2023 09:45:00	33.42	230,197.59	254.70	99.44
23/03/2023 09:50:00	28.60	229,825.28	249.37	99.51
23/03/2023 09:55:00	32.45	281,284.81	260.81	99.54
23/03/2023 10:00:00	31.04	293,156.34	269.99	99.52
23/03/2023 10:05:00	32.82	264,463.25	273.17	99.53
23/03/2023 10:10:00	33.42	284,599.06	271.94	99.52
23/03/2023 10:15:00	33.01	0.00	280.02	99.55
23/03/2023 10:20:00	38.27	256,388.19	288.82	99.53
23/03/2023 10:25:00	36.23	288,987.56	284.44	99.54
23/03/2023 10:30:00	35.84	230,051.12	292.80	99.48
23/03/2023 10:35:00	37.76	234,457.92	291.45	99.50
23/03/2023 10:40:00	39.12	201,766.98	289.60	99.47
23/03/2023 10:45:00	40.19	214,895.86	281.34	99.45
23/03/2023 10:50:00	37.67	216,952.77	277.08	99.47
23/03/2023 10:55:00	34.19	225,546.66	284.12	99.47
23/03/2023 11:00:00	33.26	202,713.05	275.58	99.47
23/03/2023 11:05:00	35.55	243,680.48	279.67	99.47
23/03/2023 11:10:00	37.90	238,809.80	272.68	99.44
23/03/2023 11:15:00	30.25	211,136.03	276.92	99.44
23/03/2023 11:20:00	34.07	203,933.78	270.07	99.40
23/03/2023 11:25:00	32.71	216,507.20	281.04	99.39
23/03/2023 11:30:00	33.89	220,047.30	279.21	99.42
23/03/2023 11:35:00	29.83	244,815.75	279.05	99.40
23/03/2023 11:40:00	30.50	242,722.20	267.31	99.38
23/03/2023 11:45:00	38.25	227,347.22	274.62	99.36
23/03/2023 11:50:00	33.79	244,534.98	270.04	99.35
23/03/2023 11:55:00	36.67	226,846.72	267.91	99.36
23/03/2023 12:00:00	33.38	0.00	258.77	99.32
23/03/2023 12:05:00	31.38	230,881.20	270.81	99.32
23/03/2023 12:10:00	30.90	215,512.31	274.76	99.30
23/03/2023 12:15:00	31.38	207,101.55	264.53	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)
23/03/2023 12:20:00	32.68	203,079.27	278.58	99.28
23/03/2023 12:25:00	40.10	194,302.28	274.49	99.28
23/03/2023 12:30:00	31.69	217,715.72	291.39	99.27
23/03/2023 12:35:00	36.51	202,212.56	289.42	99.27
23/03/2023 12:40:00	35.53	230,289.16	287.45	99.27
23/03/2023 12:45:00	37.06	222,958.72	283.93	99.25
23/03/2023 12:50:00	39.61	228,567.94	265.80	99.26
23/03/2023 12:55:00	30.53	232,474.25	274.95	99.23
23/03/2023 13:00:00	29.63	239,200.44	272.22	99.24
23/03/2023 13:05:00	29.79	214,547.95	263.81	99.22
23/03/2023 13:10:00	27.63	229,587.23	260.74	99.19
23/03/2023 13:15:00	31.13	231,607.55	266.38	99.19
23/03/2023 13:20:00	33.82	209,042.50	270.07	99.18
23/03/2023 13:25:00	29.09	215,396.34	262.91	99.18
23/03/2023 13:30:00	33.75	203,915.47	269.30	99.16
23/03/2023 13:35:00	34.39	212,710.77	275.56	99.15
23/03/2023 13:40:00	26.38	222,604.72	274.49	99.13
23/03/2023 13:45:00	30.71	0.00	265.20	99.13
23/03/2023 13:50:00	30.41	222,604.72	276.78	99.12
23/03/2023 13:55:00	38.87	218,716.72	280.32	99.12
23/03/2023 14:00:00	36.35	231,534.30	272.40	99.12
23/03/2023 14:05:00	32.54	231,534.30	273.93	99.08
23/03/2023 14:10:00	38.59	211,172.66	278.19	99.07
23/03/2023 14:15:00	36.16	245,108.72	275.18	99.04
23/03/2023 14:20:00	33.68	243,759.81	287.98	99.04
23/03/2023 14:25:00	36.90	217,679.09	289.51	99.04
23/03/2023 14:30:00	35.37	213,656.81	284.81	99.04
23/03/2023 14:35:00	34.70	212,191.95	289.53	99.04
23/03/2023 14:40:00	40.57	164,773.02	61.34	99.04
23/03/2023 14:45:00	39.92	288,694.59	54.49	99.06
23/03/2023 14:50:00	35.68	360,393.69	38.77	99.07
23/03/2023 14:55:00	37.78	306,474.41	38.00	99.06
23/03/2023 15:00:00	37.92	285,380.34	37.24	99.08
23/03/2023 15:05:00	36.76	289,066.91	37.43	99.05
23/03/2023 15:10:00	31.64	284,544.12	37.87	99.03
23/03/2023 15:15:00	31.55	310,270.84	37.57	99.07
23/03/2023 15:20:00	38.80	292,472.72	37.87	99.04
23/03/2023 15:25:00	37.80	299,711.59	37.54	99.04
23/03/2023 15:30:00	33.52	0.00	37.26	99.02
23/03/2023 15:35:00	38.74	299,992.38	38.26	99.01
23/03/2023 15:40:00	30.64	292,936.59	38.00	99.03
23/03/2023 15:45:00	37.71	316,978.72	37.54	98.99
23/03/2023 15:50:00	31.66	299,009.69	38.58	99.03
23/03/2023 15:55:00	36.51	282,322.41	37.08	99.02
23/03/2023 16:00:00	33.22	300,492.88	39.09	99.02
23/03/2023 16:05:00	32.94	259,983.22	78.86	99.04
23/03/2023 16:10:00	33.42	292,326.25	120.13	99.01
23/03/2023 16:15:00	35.97	241,568.62	138.45	99.04
23/03/2023 16:20:00	35.03	274,985.88	144.40	99.04
23/03/2023 16:25:00	35.53	276,096.75	145.30	99.03
23/03/2023 16:30:00	34.74	255,484.86	151.11	99.04
23/03/2023 16:35:00	34.39	258,670.94	189.21	99.04
23/03/2023 16:40:00	39.57	234,512.86	224.44	99.04
23/03/2023 16:45:00	35.95	234,885.19	238.93	99.01

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)
23/03/2023 16:50:00	38.01	214,029.14	247.15	99.04
23/03/2023 16:55:00	32.52	222,568.09	278.40	99.04
23/03/2023 17:00:00	29.63	188,284.12	397.63	99.04
23/03/2023 17:05:00	41.28	169,515.53	186.80	99.05
23/03/2023 17:10:00	36.32	174,148.17	242.43	99.04
23/03/2023 17:15:00	32.54	0.00	292.57	99.08
23/03/2023 17:20:00	41.60	246,219.58	287.54	99.03
23/03/2023 17:25:00	34.28	213,192.95	292.59	99.07
23/03/2023 17:30:00	40.75	268,802.94	291.52	99.10
23/03/2023 17:35:00	32.08	296,586.56	287.40	99.10
23/03/2023 17:40:00	37.76	263,688.12	283.63	99.10
23/03/2023 17:45:00	33.49	280,985.72	275.69	99.11
23/03/2023 17:50:00	32.80	310,997.19	254.49	99.10
23/03/2023 17:55:00	30.59	306,700.25	251.22	99.11
23/03/2023 18:00:00	30.62	295,103.38	254.74	99.08
23/03/2023 18:05:00	34.84	293,156.34	264.21	99.09
23/03/2023 18:10:00	39.12	284,007.03	262.98	99.10
23/03/2023 18:15:00	33.94	278,873.88	270.90	99.12
23/03/2023 18:20:00	33.40	281,675.44	261.59	99.10
23/03/2023 18:25:00	32.40	276,078.44	273.95	99.13
23/03/2023 18:30:00	35.68	283,250.16	273.93	99.11
23/03/2023 18:35:00	35.58	284,727.25	266.18	99.10
23/03/2023 18:40:00	31.89	290,934.62	273.63	99.10
23/03/2023 18:45:00	34.65	291,190.97	271.34	99.08
23/03/2023 18:50:00	32.98	257,480.73	266.43	99.07
23/03/2023 18:55:00	37.60	301,585.41	272.59	99.08
23/03/2023 19:00:00	38.83	0.00	276.84	99.06
23/03/2023 19:05:00	37.36	262,412.44	280.80	99.09
23/03/2023 19:10:00	36.44	257,035.17	267.70	99.11
23/03/2023 19:15:00	37.62	313,163.97	275.92	99.14
23/03/2023 19:20:00	32.85	259,226.38	274.40	99.13
23/03/2023 19:25:00	40.93	275,687.81	274.56	99.15
23/03/2023 19:30:00	41.02	266,947.44	282.36	99.18
23/03/2023 19:35:00	33.10	215,695.44	276.08	99.15
23/03/2023 19:40:00	37.83	232,773.33	271.08	99.18
23/03/2023 19:45:00	32.08	236,813.92	267.86	99.18
23/03/2023 19:50:00	36.71	219,253.83	276.13	99.18
23/03/2023 19:55:00	34.16	229,752.05	267.73	99.19
23/03/2023 20:00:00	31.04	238,535.12	270.02	99.18
23/03/2023 20:05:00	33.19	232,553.59	266.67	99.18
23/03/2023 20:10:00	30.69	242,087.44	261.94	99.22
23/03/2023 20:15:00	34.39	244,754.70	260.11	99.21
23/03/2023 20:20:00	31.27	229,269.86	269.88	99.24
23/03/2023 20:25:00	36.83	218,417.64	268.82	99.22
23/03/2023 20:30:00	42.76	226,218.05	272.15	99.24
23/03/2023 20:35:00	29.46	239,273.67	267.45	99.24
23/03/2023 20:40:00	25.41	231,973.75	268.06	99.27
23/03/2023 20:45:00	34.45	0.00	260.11	99.27
23/03/2023 20:50:00	38.13	232,700.08	274.46	99.26
23/03/2023 20:55:00	32.13	225,381.86	267.45	99.25
23/03/2023 21:00:00	34.58	206,820.78	273.54	99.24
23/03/2023 21:05:00	38.74	241,831.08	268.35	99.24
23/03/2023 21:10:00	63.42	214,877.55	281.18	99.27
23/03/2023 21:15:00	32.20	233,829.25	275.81	99.24

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)
23/03/2023 21:20:00	35.84	214,511.33	277.96	99.25
23/03/2023 21:25:00	33.61	225,381.86	275.56	99.27
23/03/2023 21:30:00	34.95	219,974.06	269.58	99.27
23/03/2023 21:35:00	32.29	239,792.48	260.78	99.31
23/03/2023 21:40:00	32.59	227,585.27	272.80	99.30
23/03/2023 21:45:00	30.08	218,680.09	261.52	99.31
23/03/2023 21:50:00	29.00	222,232.39	265.20	99.34
23/03/2023 21:55:00	28.67	214,767.69	272.80	99.35
23/03/2023 22:00:00	37.94	222,104.22	272.03	99.33
23/03/2023 22:05:00	32.68	227,939.27	270.50	99.36
23/03/2023 22:10:00	32.01	240,512.70	260.27	99.35
23/03/2023 22:15:00	34.49	241,367.20	247.49	99.35
23/03/2023 22:20:00	28.60	248,075.06	237.89	99.37
23/03/2023 22:25:00	25.17	188,448.92	231.94	99.36
23/03/2023 22:30:00	42.14	0.00	227.68	99.35
23/03/2023 22:35:00	39.92	152,346.06	230.41	99.34
23/03/2023 22:40:00	45.87	125,618.37	227.05	99.34
23/03/2023 22:45:00	37.00	144,881.36	223.72	99.35
23/03/2023 22:50:00	37.76	136,360.72	225.23	99.34
23/03/2023 22:55:00	34.56	174,776.84	224.03	99.34
23/03/2023 23:00:00	31.48	161,959.27	221.11	99.34
23/03/2023 23:05:00	33.26	168,648.81	223.54	99.33
23/03/2023 23:10:00	32.62	165,481.05	220.78	99.33
23/03/2023 23:15:00	29.48	180,148.02	218.38	99.31
23/03/2023 23:20:00	28.51	166,109.70	221.43	99.33
23/03/2023 23:25:00	32.17	175,130.84	220.78	99.33
23/03/2023 23:30:00	27.89	176,961.94	219.91	99.31
23/03/2023 23:35:00	27.86	174,886.70	226.11	99.31
23/03/2023 23:40:00	27.35	174,538.80	226.47	99.33
23/03/2023 23:45:00	24.34	178,426.80	232.85	99.31
23/03/2023 23:50:00	36.18	175,613.03	236.80	99.33
23/03/2023 23:55:00	29.95	181,850.92	241.69	99.34