



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: 28/03/2023

Tới: 28/03/2023

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)
28/03/2023 00:00:00	32.47	232,864.88	254.37	100.44
28/03/2023 00:05:00	28.83	201,620.52	260.46	100.45
28/03/2023 00:10:00	35.05	210,177.77	266.11	100.45
28/03/2023 00:15:00	28.56	222,604.72	273.75	100.41
28/03/2023 00:20:00	24.43	227,237.34	274.65	100.42
28/03/2023 00:25:00	26.70	209,542.98	276.78	100.44
28/03/2023 00:30:00	30.06	0.00	272.22	100.38
28/03/2023 00:35:00	27.89	217,972.08	273.14	100.37
28/03/2023 00:40:00	31.59	212,137.03	262.62	100.37
28/03/2023 00:45:00	31.17	229,214.92	256.38	100.38
28/03/2023 00:50:00	29.16	221,493.86	257.92	100.37
28/03/2023 00:55:00	26.35	188,577.09	266.43	100.35
28/03/2023 01:00:00	22.87	202,633.70	261.43	100.37
28/03/2023 01:05:00	28.67	215,677.12	274.51	100.35
28/03/2023 01:10:00	32.17	233,109.03	265.67	100.30
28/03/2023 01:15:00	34.56	214,456.41	266.16	100.31
28/03/2023 01:20:00	34.05	252,298.77	254.86	100.33
28/03/2023 01:25:00	28.60	277,506.69	259.44	100.35
28/03/2023 01:30:00	28.88	287,876.72	256.82	100.34
28/03/2023 01:35:00	39.12	284,690.62	249.68	100.33
28/03/2023 01:40:00	29.88	263,004.50	254.23	100.27
28/03/2023 01:45:00	28.69	258,017.84	248.86	100.30
28/03/2023 01:50:00	26.42	270,542.47	254.05	100.34
28/03/2023 01:55:00	32.22	266,172.28	251.80	100.37
28/03/2023 02:00:00	32.85	244,443.44	258.66	100.37
28/03/2023 02:05:00	28.16	247,147.33	265.37	100.31
28/03/2023 02:10:00	21.93	259,208.06	262.75	100.35
28/03/2023 02:15:00	28.27	0.00	259.72	100.34
28/03/2023 02:20:00	31.36	241,275.66	271.15	100.34
28/03/2023 02:25:00	29.09	253,128.86	275.74	100.32
28/03/2023 02:30:00	29.21	255,057.59	263.52	100.33
28/03/2023 02:35:00	28.40	259,800.11	272.22	100.33
28/03/2023 02:40:00	28.21	228,848.70	275.25	100.33
28/03/2023 02:45:00	27.70	251,999.69	273.12	100.30
28/03/2023 02:50:00	30.85	236,032.66	284.09	100.30
28/03/2023 02:55:00	36.00	196,652.17	284.88	100.33
28/03/2023 03:00:00	41.47	184,206.91	278.03	100.31
28/03/2023 03:05:00	36.64	193,246.36	284.44	100.31
28/03/2023 03:10:00	47.73	197,799.66	293.12	100.27
28/03/2023 03:15:00	41.10	175,777.83	293.74	100.27

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)
28/03/2023 03:20:00	34.91	173,482.88	285.81	100.27
28/03/2023 03:25:00	47.71	187,002.38	286.41	100.27
28/03/2023 03:30:00	44.99	178,854.05	287.20	100.25
28/03/2023 03:35:00	0.00	185,226.20	297.54	100.26
28/03/2023 03:40:00	0.00	181,631.19	299.35	100.28
28/03/2023 03:45:00	0.00	184,689.09	290.07	100.29
28/03/2023 03:50:00	0.00	181,875.33	289.30	100.30
28/03/2023 03:55:00	0.00	191,635.00	293.40	100.30
28/03/2023 04:00:00	0.00	0.00	286.50	100.30
28/03/2023 04:05:00	0.00	181,741.05	287.91	100.30
28/03/2023 04:10:00	0.00	199,801.62	290.34	100.30
28/03/2023 04:15:00	0.00	189,651.33	292.91	100.27
28/03/2023 04:20:00	0.00	184,042.11	292.01	100.29
28/03/2023 04:25:00	0.00	194,802.78	278.31	100.33
28/03/2023 04:30:00	0.00	203,341.73	286.55	100.33
28/03/2023 04:35:00	0.00	195,284.95	275.88	100.33
28/03/2023 04:40:00	0.00	194,094.77	284.40	100.33
28/03/2023 04:45:00	0.00	163,332.56	283.49	100.35
28/03/2023 04:50:00	0.00	197,952.23	282.86	100.34
28/03/2023 04:55:00	0.00	204,562.45	277.08	100.34
28/03/2023 05:00:00	0.00	224,307.62	284.12	100.32
28/03/2023 05:05:00	0.00	189,468.22	290.04	100.33
28/03/2023 05:10:00	0.00	196,652.17	285.34	100.32
28/03/2023 05:15:00	0.00	204,934.77	282.43	100.33
28/03/2023 05:20:00	0.00	211,636.53	273.14	100.31
28/03/2023 05:25:00	0.00	228,366.52	265.35	100.37
28/03/2023 05:30:00	0.00	196,878.00	269.32	100.37
28/03/2023 05:35:00	0.00	185,781.64	276.34	100.35
28/03/2023 05:40:00	0.00	210,525.67	283.68	100.36
28/03/2023 05:45:00	0.00	0.00	288.37	100.37
28/03/2023 05:50:00	0.00	202,505.53	288.84	100.39
28/03/2023 05:55:00	0.00	198,117.05	278.96	100.38
28/03/2023 06:00:00	0.00	192,855.73	289.60	100.38
28/03/2023 06:05:00	0.00	181,039.14	292.68	100.40
28/03/2023 06:10:00	0.00	188,485.55	283.05	100.37
28/03/2023 06:15:00	0.00	212,747.39	291.36	100.38
28/03/2023 06:20:00	0.00	184,798.95	282.26	100.41
28/03/2023 06:25:00	0.00	186,965.73	282.70	100.42
28/03/2023 06:30:00	0.00	204,690.62	263.38	100.45
28/03/2023 06:35:00	0.00	178,945.59	271.78	100.45
28/03/2023 06:40:00	0.00	202,005.05	259.42	100.47
28/03/2023 06:45:00	0.00	186,153.95	272.08	100.48
28/03/2023 06:50:00	0.00	171,017.02	268.54	100.46
28/03/2023 06:55:00	0.00	191,152.81	281.69	100.46
28/03/2023 07:00:00	0.00	202,597.09	277.24	100.48
28/03/2023 07:05:00	0.00	203,097.58	277.40	100.50
28/03/2023 07:10:00	0.00	208,969.25	275.76	100.50
28/03/2023 07:15:00	0.00	233,237.20	276.80	100.55
28/03/2023 07:20:00	0.00	192,117.19	267.50	100.58
28/03/2023 07:25:00	0.00	0.00	274.07	100.56
28/03/2023 07:30:00	43.88	182,870.22	288.68	100.57
28/03/2023 07:35:00	43.05	189,077.59	287.03	100.54
28/03/2023 07:40:00	46.13	201,657.12	290.23	100.57
28/03/2023 07:45:00	36.93	189,687.95	287.75	100.54

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)
28/03/2023 07:50:00	43.18	140,657.66	286.71	100.52
28/03/2023 07:55:00	36.58	138,234.53	286.57	100.55
28/03/2023 08:00:00	43.97	0.00	283.05	100.55
28/03/2023 08:05:00	40.33	196,896.31	276.36	100.58
28/03/2023 08:10:00	41.75	210,788.12	276.17	100.56
28/03/2023 08:15:00	47.98	159,792.48	279.23	100.58
28/03/2023 08:20:00	44.64	159,938.95	274.07	100.59
28/03/2023 08:25:00	39.17	162,441.44	275.60	100.62
28/03/2023 08:30:00	42.25	169,924.47	265.67	100.59
28/03/2023 08:35:00	46.06	144,087.89	273.77	100.60
28/03/2023 08:40:00	46.91	179,818.42	272.08	100.58
28/03/2023 08:45:00	43.79	197,134.36	277.73	100.62
28/03/2023 08:50:00	45.32	161,757.84	264.16	100.62
28/03/2023 08:55:00	74.48	175,039.30	261.39	100.64
28/03/2023 09:00:00	46.17	187,209.89	248.31	100.61
28/03/2023 09:05:00	44.01	178,854.05	243.77	100.63
28/03/2023 09:10:00	39.45	174,831.77	246.50	100.62
28/03/2023 09:15:00	39.34	158,498.52	245.11	100.61
28/03/2023 09:20:00	46.50	155,312.44	243.75	100.62
28/03/2023 09:25:00	37.18	155,812.92	244.81	100.65
28/03/2023 09:30:00	43.32	160,683.59	235.53	100.68
28/03/2023 09:35:00	54.96	173,000.69	231.41	100.65
28/03/2023 09:40:00	35.60	180,910.95	219.21	100.68
28/03/2023 09:45:00	39.01	0.00	218.26	100.65
28/03/2023 09:50:00	40.42	166,665.14	214.95	100.63
28/03/2023 09:55:00	44.81	164,571.59	217.06	100.64
28/03/2023 10:00:00	39.06	156,697.95	216.59	100.61
28/03/2023 10:05:00	40.98	172,756.55	222.71	100.61
28/03/2023 10:10:00	40.24	165,181.95	222.08	100.61
28/03/2023 10:15:00	43.95	140,547.80	223.74	100.62
28/03/2023 10:20:00	40.26	204,580.77	222.38	100.62
28/03/2023 10:25:00	36.42	209,323.27	222.98	100.62
28/03/2023 10:30:00	39.59	189,932.09	228.17	100.62
28/03/2023 10:35:00	39.10	197,988.86	229.09	100.61
28/03/2023 10:40:00	41.98	240,201.42	226.67	100.62
28/03/2023 10:45:00	38.11	221,029.98	216.57	100.61
28/03/2023 10:50:00	31.13	206,399.62	219.21	100.62
28/03/2023 10:55:00	34.35	237,271.69	212.94	100.62
28/03/2023 11:00:00	34.88	224,588.39	214.00	100.61
28/03/2023 11:05:00	36.60	215,786.98	219.19	100.58
28/03/2023 11:10:00	38.76	228,830.41	213.98	100.56
28/03/2023 11:15:00	35.32	232,144.66	219.65	100.53
28/03/2023 11:20:00	34.35	211,154.34	219.77	100.59
28/03/2023 11:25:00	32.85	223,660.64	218.72	100.59
28/03/2023 11:30:00	37.48	0.00	214.31	100.57
28/03/2023 11:35:00	39.80	226,773.48	213.82	100.57
28/03/2023 11:40:00	46.40	181,875.33	211.54	100.59
28/03/2023 11:45:00	32.98	149,440.77	212.77	100.57
28/03/2023 11:50:00	42.85	160,775.16	216.43	100.54
28/03/2023 11:55:00	46.68	143,825.44	214.31	100.54
28/03/2023 12:00:00	40.12	194,448.77	217.36	100.51
28/03/2023 12:05:00	32.04	262,742.06	222.19	100.50
28/03/2023 12:10:00	38.76	237,387.66	226.04	100.50
28/03/2023 12:15:00	37.34	244,333.56	228.61	100.53

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)
28/03/2023 12:20:00	29.95	255,539.80	228.44	100.53
28/03/2023 12:25:00	37.41	256,388.19	222.98	100.47
28/03/2023 12:30:00	32.80	260,538.64	219.46	100.40
28/03/2023 12:35:00	35.93	262,833.59	222.19	100.45
28/03/2023 12:40:00	34.23	235,904.48	215.95	100.42
28/03/2023 12:45:00	35.93	247,220.56	215.62	100.40
28/03/2023 12:50:00	32.94	255,539.80	222.19	100.42
28/03/2023 12:55:00	28.95	250,443.27	221.43	100.41
28/03/2023 13:00:00	38.43	247,611.20	216.71	100.37
28/03/2023 13:05:00	29.48	259,055.47	224.63	100.36
28/03/2023 13:10:00	37.46	249,314.11	228.89	100.37
28/03/2023 13:15:00	36.58	0.00	230.43	100.37
28/03/2023 13:20:00	37.76	243,924.62	234.97	100.39
28/03/2023 13:25:00	41.37	246,427.09	242.66	100.36
28/03/2023 13:30:00	44.57	246,628.52	240.64	100.35
28/03/2023 13:35:00	38.43	257,279.31	241.27	100.33
28/03/2023 13:40:00	35.81	225,528.34	243.56	100.29
28/03/2023 13:45:00	38.06	257,480.73	239.12	100.27
28/03/2023 13:50:00	35.30	263,596.56	245.09	100.27
28/03/2023 13:55:00	35.51	233,109.03	243.86	100.25
28/03/2023 14:00:00	45.43	241,367.20	245.53	100.27
28/03/2023 14:05:00	41.40	236,386.66	252.08	100.25
28/03/2023 14:10:00	39.77	238,480.20	254.70	100.25
28/03/2023 14:15:00	67.20	223,825.44	256.20	100.27
28/03/2023 14:20:00	41.65	231,772.34	264.44	100.25
28/03/2023 14:25:00	46.04	246,128.02	260.46	100.25
28/03/2023 14:30:00	44.79	256,998.55	266.27	100.27
28/03/2023 14:35:00	67.15	260,520.33	252.06	100.27
28/03/2023 14:40:00	43.02	294,438.09	243.05	100.22
28/03/2023 14:45:00	46.27	283,097.59	239.74	100.23
28/03/2023 14:50:00	31.08	249,777.98	232.24	100.24
28/03/2023 14:55:00	36.00	280,766.00	231.48	100.22
28/03/2023 15:00:00	33.98	0.00	233.30	100.21
28/03/2023 15:05:00	43.43	265,409.31	240.02	100.20
28/03/2023 15:10:00	35.42	274,058.12	241.55	100.15
28/03/2023 15:15:00	38.59	284,898.16	241.99	100.16
28/03/2023 15:20:00	42.81	287,101.56	243.12	100.14
28/03/2023 15:25:00	35.90	285,416.94	243.24	100.16
28/03/2023 15:30:00	41.02	282,713.06	240.80	100.15
28/03/2023 15:35:00	48.52	260,148.02	241.08	100.14
28/03/2023 15:40:00	44.66	254,795.16	237.96	100.16
28/03/2023 15:45:00	38.45	254,203.09	244.16	100.16
28/03/2023 15:50:00	36.71	246,274.52	248.74	100.16
28/03/2023 15:55:00	43.83	246,518.66	247.22	100.11
28/03/2023 16:00:00	36.83	240,036.62	250.83	100.13
28/03/2023 16:05:00	43.51	270,414.28	245.99	100.11
28/03/2023 16:10:00	43.27	261,985.20	251.45	100.11
28/03/2023 16:15:00	38.87	256,113.53	254.54	100.11
28/03/2023 16:20:00	42.67	232,718.39	255.30	100.16
28/03/2023 16:25:00	40.31	237,125.20	257.87	100.13
28/03/2023 16:30:00	47.94	232,126.34	270.86	100.13
28/03/2023 16:35:00	41.17	242,978.56	271.76	100.11
28/03/2023 16:40:00	45.20	240,537.12	263.65	100.13
28/03/2023 16:45:00	49.46	0.00	274.02	100.16

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)
28/03/2023 16:50:00	54.84	234,421.30	263.65	100.10
28/03/2023 16:55:00	43.67	237,979.70	265.64	100.12
28/03/2023 17:00:00	52.27	267,484.56	256.34	100.10
28/03/2023 17:05:00	40.59	233,438.62	261.80	100.12
28/03/2023 17:10:00	38.57	246,628.52	260.32	100.11
28/03/2023 17:15:00	53.43	238,199.44	263.19	100.16
28/03/2023 17:20:00	38.99	256,113.53	266.52	100.14
28/03/2023 17:25:00	45.08	262,815.28	261.34	100.14
28/03/2023 17:30:00	43.76	266,727.69	261.82	100.16
28/03/2023 17:35:00	42.72	240,885.02	257.24	100.16
28/03/2023 17:40:00	48.72	252,835.89	250.99	100.18
28/03/2023 17:45:00	36.88	246,848.25	249.77	100.14
28/03/2023 17:50:00	45.55	257,370.88	250.55	100.16
28/03/2023 17:55:00	42.79	250,778.97	243.24	100.16
28/03/2023 18:00:00	47.45	277,134.38	237.61	100.16
28/03/2023 18:05:00	42.14	282,487.22	238.86	100.16
28/03/2023 18:10:00	41.28	290,043.50	235.29	100.17
28/03/2023 18:15:00	43.32	265,653.47	237.91	100.17
28/03/2023 18:20:00	42.28	255,539.80	239.60	100.16
28/03/2023 18:25:00	36.60	257,962.92	238.19	100.15
28/03/2023 18:30:00	48.05	0.00	234.42	100.16
28/03/2023 18:35:00	41.75	275,913.62	232.73	100.16
28/03/2023 18:40:00	51.11	288,212.41	229.05	100.20
28/03/2023 18:45:00	37.78	268,357.38	224.51	100.20
28/03/2023 18:50:00	50.60	266,892.50	224.67	100.17
28/03/2023 18:55:00	47.29	266,892.50	226.18	100.17
28/03/2023 19:00:00	51.32	270,798.81	231.20	100.15
28/03/2023 19:05:00	40.79	254,184.80	229.98	100.16
28/03/2023 19:10:00	37.38	255,649.66	231.66	100.16
28/03/2023 19:15:00	42.44	254,093.23	234.42	100.17
28/03/2023 19:20:00	43.76	260,685.12	235.18	100.17
28/03/2023 19:25:00	43.74	263,724.72	228.17	100.17
28/03/2023 19:30:00	41.98	292,619.22	229.21	100.15
28/03/2023 19:35:00	48.36	264,817.28	229.72	100.18
28/03/2023 19:40:00	48.26	277,152.66	231.99	100.25
28/03/2023 19:45:00	45.22	272,483.41	231.66	100.25
28/03/2023 19:50:00	46.91	245,163.66	232.45	100.21
28/03/2023 19:55:00	42.56	256,406.50	233.81	100.22
28/03/2023 20:00:00	48.17	252,256.05	235.02	100.25
28/03/2023 20:05:00	42.65	260,074.77	234.58	100.27
28/03/2023 20:10:00	41.28	238,962.39	242.79	100.23
28/03/2023 20:15:00	38.90	0.00	242.34	100.23
28/03/2023 20:20:00	42.53	241,013.20	245.99	100.25
28/03/2023 20:25:00	43.27	242,960.25	241.38	100.27
28/03/2023 20:30:00	47.40	264,444.94	245.55	100.27
28/03/2023 20:35:00	38.99	263,242.53	250.87	100.30
28/03/2023 20:40:00	49.97	270,579.09	252.26	100.31
28/03/2023 20:45:00	41.37	265,537.50	242.79	100.31
28/03/2023 20:50:00	51.25	242,758.83	242.22	100.31
28/03/2023 20:55:00	41.89	263,059.44	236.57	100.32
28/03/2023 21:00:00	41.89	268,357.38	240.99	100.30
28/03/2023 21:05:00	35.68	263,505.00	235.20	100.33
28/03/2023 21:10:00	44.59	280,320.44	229.60	100.34
28/03/2023 21:15:00	35.53	279,472.03	218.14	100.32

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)
28/03/2023 21:20:00	39.41	301,921.12	213.10	100.35
28/03/2023 21:25:00	80.60	273,618.69	199.81	100.37
28/03/2023 21:30:00	97.12	304,716.56	195.69	100.38
28/03/2023 21:35:00	58.46	339,482.72	190.39	100.45
28/03/2023 21:40:00	122.21	363,726.25	179.70	100.43
28/03/2023 21:45:00	52.32	358,489.38	168.38	100.45
28/03/2023 21:50:00	0.00	354,729.53	151.20	100.47
28/03/2023 21:55:00	0.00	343,224.22	142.03	100.45
28/03/2023 22:00:00	0.00	0.00	135.94	100.48
28/03/2023 22:05:00	0.00	329,704.75	121.32	100.45
28/03/2023 22:10:00	0.00	299,937.44	116.43	100.48
28/03/2023 22:15:00	0.00	293,546.97	108.81	100.45
28/03/2023 22:20:00	0.00	256,388.19	104.84	100.46
28/03/2023 22:25:00	0.00	254,074.92	100.27	100.45
28/03/2023 22:30:00	63.54	271,427.47	95.71	100.46
28/03/2023 22:35:00	36.60	244,943.92	94.03	100.45
28/03/2023 22:40:00	33.45	230,307.47	92.52	100.45
28/03/2023 22:45:00	31.50	253,501.19	89.17	100.45
28/03/2023 22:50:00	32.40	269,950.41	90.53	100.41
28/03/2023 22:55:00	26.15	238,590.06	87.63	100.44
28/03/2023 23:00:00	25.33	242,148.47	86.11	100.42
28/03/2023 23:05:00	26.63	259,555.95	86.38	100.42
28/03/2023 23:10:00	22.00	242,087.44	88.70	100.41
28/03/2023 23:15:00	31.13	266,782.62	91.16	100.42
28/03/2023 23:20:00	26.24	255,558.09	90.36	100.40
28/03/2023 23:25:00	26.12	236,295.11	93.42	100.40
28/03/2023 23:30:00	27.24	220,975.05	93.26	100.36
28/03/2023 23:35:00	42.28	99,055.47	93.00	100.33
28/03/2023 23:40:00	31.94	106,782.64	87.80	100.30
28/03/2023 23:45:00	29.69	0.00	86.13	100.27
28/03/2023 23:50:00	33.36	103,962.77	82.01	100.30
28/03/2023 23:55:00	34.23	118,007.17	83.08	100.27