



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: 07/04/2023

Tới: 07/04/2023

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)
07/04/2023 00:00:00	0.23	20,318.91	26.83	100.02
07/04/2023 00:05:00	1.27	31,152.82	26.36	100.02
07/04/2023 00:10:00	1.30	21,411.46	26.20	100.01
07/04/2023 00:15:00	1.59	25,445.94	26.36	100.01
07/04/2023 00:20:00	0.23	19,702.45	26.64	100.00
07/04/2023 00:25:00	1.88	23,834.59	26.64	100.02
07/04/2023 00:30:00	0.97	25,244.53	26.20	99.98
07/04/2023 00:35:00	0.07	17,370.87	25.71	100.00
07/04/2023 00:40:00	0.25	18,591.59	26.20	99.99
07/04/2023 00:45:00	0.39	0.00	25.73	100.01
07/04/2023 00:50:00	0.34	0.00	26.04	100.01
07/04/2023 00:55:00	0.14	19,946.59	25.46	100.00
07/04/2023 01:00:00	0.25	19,702.45	25.44	100.01
07/04/2023 01:05:00	0.14	20,074.77	24.83	100.02
07/04/2023 01:10:00	0.09	22,150.00	25.15	100.02
07/04/2023 01:15:00	0.25	16,907.00	25.32	100.01
07/04/2023 01:20:00	0.18	15,924.32	25.46	100.00
07/04/2023 01:25:00	0.05	19,983.22	24.70	99.99
07/04/2023 01:30:00	0.05	18,109.41	25.15	99.99
07/04/2023 01:35:00	0.11	20,447.09	24.70	99.98
07/04/2023 01:40:00	0.11	21,039.14	25.44	99.99
07/04/2023 01:45:00	0.32	18,225.38	24.97	99.97
07/04/2023 01:50:00	0.16	17,761.50	24.72	99.98
07/04/2023 01:55:00	0.14	18,963.91	25.13	99.98
07/04/2023 02:00:00	0.05	0.00	24.54	99.96
07/04/2023 02:05:00	0.25	17,999.54	25.15	99.98
07/04/2023 02:10:00	0.00	19,702.45	24.86	99.97
07/04/2023 02:15:00	0.09	20,575.27	25.30	99.98
07/04/2023 02:20:00	0.07	19,946.59	24.83	99.98
07/04/2023 02:25:00	0.00	16,907.00	24.70	99.96
07/04/2023 02:30:00	0.02	0.00	24.81	99.95
07/04/2023 02:35:00	0.00	17,761.50	24.83	99.94
07/04/2023 02:40:00	0.00	20,184.63	24.54	99.97
07/04/2023 02:45:00	0.11	0.00	25.13	99.94
07/04/2023 02:50:00	0.14	17,261.01	24.67	99.96
07/04/2023 02:55:00	0.00	19,464.41	24.83	99.95
07/04/2023 03:00:00	0.14	19,073.78	24.99	99.93
07/04/2023 03:05:00	0.00	19,336.23	24.23	99.95
07/04/2023 03:10:00	0.21	20,056.46	24.70	99.93

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)
07/04/2023 03:15:00	1.04	24,005.49	24.86	99.92
07/04/2023 03:20:00	0.07	18,744.18	24.56	99.92
07/04/2023 03:25:00	0.21	19,836.73	24.23	99.92
07/04/2023 03:30:00	0.25	21,795.99	24.70	99.91
07/04/2023 03:35:00	0.00	16,797.13	24.70	99.92
07/04/2023 03:40:00	0.25	21,185.63	23.96	99.92
07/04/2023 03:45:00	0.00	19,110.40	24.56	99.93
07/04/2023 03:50:00	0.72	26,410.32	24.09	99.92
07/04/2023 03:55:00	0.09	19,610.89	25.02	99.95
07/04/2023 04:00:00	0.34	21,185.63	24.39	99.96
07/04/2023 04:05:00	0.16	21,429.77	24.09	99.96
07/04/2023 04:10:00	0.00	19,336.23	24.21	99.94
07/04/2023 04:15:00	0.00	0.00	24.07	99.96
07/04/2023 04:20:00	0.00	19,818.42	24.67	99.96
07/04/2023 04:25:00	0.48	20,556.95	23.77	99.96
07/04/2023 04:30:00	0.07	19,336.23	24.37	99.96
07/04/2023 04:35:00	0.02	19,574.27	24.54	99.97
07/04/2023 04:40:00	0.00	20,300.60	23.77	99.96
07/04/2023 04:45:00	0.21	21,539.64	23.91	99.97
07/04/2023 04:50:00	0.07	19,946.59	23.61	100.00
07/04/2023 04:55:00	0.00	19,317.92	23.91	99.99
07/04/2023 05:00:00	0.05	0.00	23.77	100.00
07/04/2023 05:05:00	0.00	18,835.74	24.07	99.99
07/04/2023 05:10:00	0.02	20,184.63	24.39	100.01
07/04/2023 05:15:00	0.43	24,817.27	24.21	99.99
07/04/2023 05:20:00	0.14	21,277.18	24.37	99.99
07/04/2023 05:25:00	0.18	19,226.37	23.91	100.01
07/04/2023 05:30:00	0.00	21,057.45	23.47	100.02
07/04/2023 05:35:00	0.00	21,185.63	24.09	100.02
07/04/2023 05:40:00	0.18	0.00	24.07	100.05
07/04/2023 05:45:00	0.43	21,539.64	23.31	100.06
07/04/2023 05:50:00	0.07	17,999.54	23.63	100.08
07/04/2023 05:55:00	0.14	16,668.96	23.93	100.10
07/04/2023 06:00:00	0.00	0.00	24.07	100.10
07/04/2023 06:05:00	0.00	20,910.96	23.31	100.10
07/04/2023 06:10:00	0.00	21,167.32	23.47	100.10
07/04/2023 06:15:00	0.00	21,295.49	23.63	100.12
07/04/2023 06:20:00	0.05	20,929.27	23.63	100.11
07/04/2023 06:25:00	0.00	20,801.10	23.61	100.14
07/04/2023 06:30:00	0.00	21,057.45	23.17	100.16
07/04/2023 06:35:00	0.30	23,614.86	23.17	100.14
07/04/2023 06:40:00	0.27	22,040.13	23.33	100.16
07/04/2023 06:45:00	0.14	21,521.32	23.61	100.16
07/04/2023 06:50:00	0.05	20,685.13	24.39	100.19
07/04/2023 06:55:00	0.34	24,225.22	23.47	100.17
07/04/2023 07:00:00	0.00	21,185.63	23.93	100.21
07/04/2023 07:05:00	0.09	20,947.59	24.39	100.20
07/04/2023 07:10:00	0.67	21,057.45	23.79	100.23
07/04/2023 07:15:00	0.34	21,911.96	24.54	100.25
07/04/2023 07:20:00	0.07	21,313.80	24.39	100.26
07/04/2023 07:25:00	0.00	21,667.81	24.07	100.26
07/04/2023 07:30:00	0.00	22,021.82	24.54	100.27
07/04/2023 07:35:00	0.00	21,667.81	24.56	100.28

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)
07/04/2023 07:40:00	0.05	21,539.64	24.72	100.33
07/04/2023 07:45:00	0.43	0.00	23.91	100.30
07/04/2023 07:50:00	0.14	22,388.04	23.61	100.30
07/04/2023 07:55:00	0.05	22,388.04	24.07	100.34
07/04/2023 08:00:00	0.11	23,022.81	23.96	100.34
07/04/2023 08:05:00	0.00	22,613.87	23.77	100.36
07/04/2023 08:10:00	0.00	23,242.54	24.09	100.37
07/04/2023 08:15:00	0.14	24,097.05	24.07	100.35
07/04/2023 08:20:00	0.11	23,614.86	24.39	100.34
07/04/2023 08:25:00	0.00	22,504.01	24.37	100.37
07/04/2023 08:30:00	0.27	23,132.68	24.70	100.37
07/04/2023 08:35:00	0.16	24,225.22	24.54	100.37
07/04/2023 08:40:00	0.23	23,224.23	24.83	100.36
07/04/2023 08:45:00	0.46	23,779.66	24.09	100.39
07/04/2023 08:50:00	0.07	22,412.45	24.25	100.38
07/04/2023 08:55:00	0.11	23,352.41	24.51	100.37
07/04/2023 09:00:00	1.20	30,933.09	24.86	100.38
07/04/2023 09:05:00	0.05	22,778.67	24.99	100.38
07/04/2023 09:10:00	1.04	25,336.08	24.70	100.39
07/04/2023 09:15:00	0.34	22,150.00	24.86	100.37
07/04/2023 09:20:00	0.00	22,632.18	24.70	100.36
07/04/2023 09:25:00	0.00	22,522.32	24.56	100.37
07/04/2023 09:30:00	0.21	0.00	24.09	100.37
07/04/2023 09:35:00	0.34	22,058.44	24.72	100.38
07/04/2023 09:40:00	0.16	23,132.68	24.70	100.36
07/04/2023 09:45:00	0.00	21,795.99	24.39	100.39
07/04/2023 09:50:00	0.00	21,911.96	24.86	100.38
07/04/2023 09:55:00	0.00	22,412.45	24.25	100.37
07/04/2023 10:00:00	0.11	22,150.00	24.70	100.37
07/04/2023 10:05:00	0.02	21,686.12	24.07	100.36
07/04/2023 10:10:00	0.00	22,150.00	24.70	100.39
07/04/2023 10:15:00	0.00	23,260.85	23.96	100.39
07/04/2023 10:20:00	0.00	22,906.84	24.72	100.38
07/04/2023 10:25:00	0.00	22,388.04	24.09	100.37
07/04/2023 10:30:00	0.00	22,522.32	24.70	100.36
07/04/2023 10:35:00	0.09	22,504.01	24.23	100.34
07/04/2023 10:40:00	0.85	24,206.91	24.70	100.33
07/04/2023 10:45:00	0.00	22,650.49	24.41	100.37
07/04/2023 10:50:00	0.14	22,388.04	24.72	100.35
07/04/2023 10:55:00	0.00	21,911.96	23.93	100.34
07/04/2023 11:00:00	0.23	24,353.40	24.25	100.33
07/04/2023 11:05:00	0.00	22,388.04	24.86	100.33
07/04/2023 11:10:00	0.11	22,650.49	24.72	100.31
07/04/2023 11:15:00	0.27	0.00	24.54	100.30
07/04/2023 11:20:00	0.32	22,888.53	24.07	100.29
07/04/2023 11:25:00	0.00	22,021.82	24.39	100.27
07/04/2023 11:30:00	0.41	22,650.49	24.41	100.30
07/04/2023 11:35:00	0.00	23,132.68	24.70	100.29
07/04/2023 11:40:00	0.00	23,242.54	23.93	100.27
07/04/2023 11:45:00	0.00	22,412.45	24.54	100.28
07/04/2023 11:50:00	0.11	23,004.50	24.54	100.27
07/04/2023 11:55:00	0.41	25,445.94	24.37	100.26
07/04/2023 12:00:00	0.02	22,504.01	24.21	100.23

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)
07/04/2023 12:05:00	0.14	23,004.50	24.54	100.24
07/04/2023 12:10:00	0.00	22,986.19	24.23	100.22
07/04/2023 12:15:00	0.02	22,632.18	24.07	100.22
07/04/2023 12:20:00	0.00	22,131.69	24.21	100.22
07/04/2023 12:25:00	0.43	23,852.90	24.21	100.21
07/04/2023 12:30:00	0.21	22,040.13	24.23	100.23
07/04/2023 12:35:00	0.00	22,986.19	24.37	100.21
07/04/2023 12:40:00	0.00	22,504.01	24.54	100.20
07/04/2023 12:45:00	0.00	22,504.01	24.09	100.20
07/04/2023 12:50:00	0.07	22,870.22	24.23	100.16
07/04/2023 12:55:00	0.00	22,278.17	24.56	100.16
07/04/2023 13:00:00	0.00	0.00	24.37	100.14
07/04/2023 13:05:00	0.30	23,334.10	24.81	100.14
07/04/2023 13:10:00	0.16	23,224.23	24.81	100.14
07/04/2023 13:15:00	0.00	22,986.19	24.83	100.13
07/04/2023 13:20:00	0.21	23,486.69	24.23	100.13
07/04/2023 13:25:00	0.02	22,870.22	24.81	100.13
07/04/2023 13:30:00	0.53	24,689.10	24.70	100.13
07/04/2023 13:35:00	0.00	23,706.42	24.37	100.11
07/04/2023 13:40:00	0.00	23,114.37	24.23	100.11
07/04/2023 13:45:00	0.11	23,944.46	24.97	100.10
07/04/2023 13:50:00	0.00	22,870.22	24.23	100.10
07/04/2023 13:55:00	0.00	23,468.38	24.49	100.07
07/04/2023 14:00:00	0.09	23,962.77	24.37	100.07
07/04/2023 14:05:00	0.07	23,578.24	24.67	100.07
07/04/2023 14:10:00	0.00	23,004.50	24.99	100.07
07/04/2023 14:15:00	0.07	24,353.40	25.15	100.08
07/04/2023 14:20:00	0.00	23,260.85	25.13	100.07
07/04/2023 14:25:00	0.14	23,614.86	24.54	100.05
07/04/2023 14:30:00	0.39	24,689.10	24.70	100.05
07/04/2023 14:35:00	0.46	24,335.09	24.67	100.02
07/04/2023 14:40:00	0.18	23,981.08	24.56	100.06
07/04/2023 14:45:00	0.14	0.00	24.86	100.05
07/04/2023 14:50:00	0.05	22,870.22	24.54	100.02
07/04/2023 14:55:00	0.23	24,945.45	25.13	100.02
07/04/2023 15:00:00	0.50	25,671.78	24.54	100.02
07/04/2023 15:05:00	1.17	29,315.63	24.81	100.00
07/04/2023 15:10:00	10.66	30,432.59	24.97	100.01
07/04/2023 15:15:00	9.69	23,242.54	25.73	100.01
07/04/2023 15:20:00	9.34	27,985.05	25.90	100.00
07/04/2023 15:25:00	6.30	24,725.72	26.06	100.02
07/04/2023 15:30:00	2.91	33,600.37	25.90	100.01
07/04/2023 15:35:00	1.85	26,648.36	26.80	100.02
07/04/2023 15:40:00	2.33	47,748.53	26.06	100.01
07/04/2023 15:45:00	1.99	48,468.76	26.52	100.00
07/04/2023 15:50:00	1.04	24,689.10	26.99	100.00
07/04/2023 15:55:00	3.80	146,657.52	28.33	99.99
07/04/2023 16:00:00	2.75	154,329.75	31.99	99.99
07/04/2023 16:05:00	4.47	150,441.75	33.72	99.97
07/04/2023 16:10:00	5.95	171,627.38	34.12	99.96
07/04/2023 16:15:00	3.71	162,124.06	34.12	99.97
07/04/2023 16:20:00	4.33	157,869.84	35.20	99.97
07/04/2023 16:25:00	5.23	148,348.20	34.12	99.97

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)
07/04/2023 16:30:00	5.49	0.00	35.34	99.97
07/04/2023 16:35:00	4.98	166,518.66	35.78	99.99
07/04/2023 16:40:00	4.33	161,995.88	35.04	99.99
07/04/2023 16:45:00	4.05	167,501.34	34.44	99.96
07/04/2023 16:50:00	4.10	167,129.02	35.65	99.97
07/04/2023 16:55:00	3.80	157,979.70	35.81	99.97
07/04/2023 17:00:00	3.82	160,646.98	35.78	99.99
07/04/2023 17:05:00	3.27	188,705.27	35.20	100.00
07/04/2023 17:10:00	2.87	175,057.59	34.30	99.98
07/04/2023 17:15:00	2.94	167,849.23	35.23	100.00
07/04/2023 17:20:00	2.43	185,171.28	34.42	100.00
07/04/2023 17:25:00	3.17	156,624.70	33.79	100.00
07/04/2023 17:30:00	19.40	185,653.47	34.42	100.02
07/04/2023 17:35:00	14.81	146,511.02	33.97	100.02
07/04/2023 17:40:00	7.23	175,405.52	35.51	100.01
07/04/2023 17:45:00	6.39	195,803.77	35.04	100.05
07/04/2023 17:50:00	5.03	180,428.78	35.83	100.05
07/04/2023 17:55:00	3.59	96,168.46	34.88	100.06
07/04/2023 18:00:00	2.06	26,782.64	33.23	100.07
07/04/2023 18:05:00	2.01	24,689.10	31.69	100.07
07/04/2023 18:10:00	2.36	22,003.51	30.46	100.10
07/04/2023 18:15:00	1.71	0.00	30.02	100.10
07/04/2023 18:20:00	0.60	25,189.59	28.49	100.10
07/04/2023 18:25:00	0.43	21,893.64	28.19	100.10
07/04/2023 18:30:00	0.32	22,278.17	28.05	100.10
07/04/2023 18:35:00	0.46	22,760.36	27.89	100.11
07/04/2023 18:40:00	0.39	22,504.01	28.19	100.10
07/04/2023 18:45:00	0.30	21,020.83	27.86	100.11
07/04/2023 18:50:00	0.23	24,078.74	27.43	100.11
07/04/2023 18:55:00	0.46	22,632.18	27.12	100.10
07/04/2023 19:00:00	0.32	21,686.12	27.01	100.13
07/04/2023 19:05:00	0.53	21,411.46	26.83	100.15
07/04/2023 19:10:00	0.37	22,021.82	27.43	100.13
07/04/2023 19:15:00	0.30	22,388.04	26.67	100.14
07/04/2023 19:20:00	0.34	21,295.49	26.83	100.13
07/04/2023 19:25:00	0.34	21,911.96	26.52	100.16
07/04/2023 19:30:00	0.14	22,632.18	26.69	100.16
07/04/2023 19:35:00	0.37	21,503.01	26.36	100.17
07/04/2023 19:40:00	0.07	20,801.10	26.67	100.17
07/04/2023 19:45:00	0.14	23,852.90	26.38	100.21
07/04/2023 19:50:00	0.32	21,057.45	26.36	100.20
07/04/2023 19:55:00	0.21	21,057.45	25.76	100.21
07/04/2023 20:00:00	0.02	0.00	26.52	100.21
07/04/2023 20:05:00	0.34	22,760.36	25.78	100.22
07/04/2023 20:10:00	0.18	20,575.27	25.64	100.25
07/04/2023 20:15:00	0.23	22,650.49	25.76	100.25
07/04/2023 20:20:00	0.07	21,277.18	25.46	100.26
07/04/2023 20:25:00	0.14	22,131.69	25.13	100.27
07/04/2023 20:30:00	0.27	21,411.46	25.46	100.28
07/04/2023 20:35:00	0.09	21,313.80	25.32	100.30
07/04/2023 20:40:00	0.14	21,295.49	25.76	100.30
07/04/2023 20:45:00	0.16	21,185.63	25.60	100.30
07/04/2023 20:50:00	0.00	20,447.09	25.15	100.31

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)
07/04/2023 20:55:00	0.00	21,411.46	25.41	100.31
07/04/2023 21:00:00	0.16	20,801.10	25.30	100.33
07/04/2023 21:05:00	0.18	20,801.10	25.30	100.33
07/04/2023 21:10:00	0.09	21,167.32	25.13	100.35
07/04/2023 21:15:00	0.09	20,929.27	25.15	100.36
07/04/2023 21:20:00	0.00	21,167.32	25.28	100.34
07/04/2023 21:25:00	0.09	20,819.41	25.15	100.37
07/04/2023 21:30:00	0.14	20,801.10	25.46	100.37
07/04/2023 21:35:00	0.05	21,667.81	25.46	100.38
07/04/2023 21:40:00	0.09	20,947.59	25.46	100.40
07/04/2023 21:45:00	0.00	0.00	24.54	100.40
07/04/2023 21:50:00	0.07	22,040.13	25.15	100.42
07/04/2023 21:55:00	0.00	20,685.13	24.86	100.44
07/04/2023 22:00:00	0.00	21,411.46	24.56	100.45
07/04/2023 22:05:00	0.07	21,649.50	25.15	100.45
07/04/2023 22:10:00	0.00	21,167.32	25.13	100.45
07/04/2023 22:15:00	0.07	21,948.58	24.70	100.45
07/04/2023 22:20:00	0.05	21,911.96	25.02	100.45
07/04/2023 22:25:00	1.23	79,346.91	24.39	100.46
07/04/2023 22:30:00	0.00	23,523.31	25.15	100.47
07/04/2023 22:35:00	0.00	21,795.99	25.62	100.48
07/04/2023 22:40:00	1.66	95,057.60	27.73	100.45
07/04/2023 22:45:00	3.06	154,512.86	31.22	100.46
07/04/2023 22:50:00	5.68	161,886.02	32.45	100.45
07/04/2023 22:55:00	4.24	149,196.61	33.52	100.45
07/04/2023 23:00:00	2.82	153,237.20	34.74	100.46
07/04/2023 23:05:00	1.75	165,774.02	33.52	100.45
07/04/2023 23:10:00	2.06	165,908.30	33.52	100.45
07/04/2023 23:15:00	2.20	147,957.58	33.36	100.43
07/04/2023 23:20:00	1.90	149,477.38	34.44	100.45
07/04/2023 23:25:00	4.89	156,887.16	34.44	100.43
07/04/2023 23:30:00	4.87	0.00	33.05	100.45
07/04/2023 23:35:00	3.52	151,033.80	34.00	100.43
07/04/2023 23:40:00	4.14	154,103.91	34.42	100.41
07/04/2023 23:45:00	3.61	168,923.48	33.03	100.42
07/04/2023 23:50:00	2.36	147,365.53	33.79	100.42
07/04/2023 23:55:00	3.75	152,535.30	33.95	100.42