



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiên xi

Thời gian báo cáo: Từ: 15/04/2023

Tới: 15/04/2023

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)
15/04/2023 00:00:00	4.30	0.00	31.13	99.83
15/04/2023 00:05:00	3.78	0.00	30.50	99.81
15/04/2023 00:10:00	5.20	0.00	30.38	99.82
15/04/2023 00:15:00	3.51	0.00	30.36	99.81
15/04/2023 00:20:00	3.39	0.00	30.80	99.81
15/04/2023 00:25:00	3.83	0.00	30.97	99.81
15/04/2023 00:30:00	3.88	0.00	30.66	99.80
15/04/2023 00:35:00	3.92	0.00	30.82	99.79
15/04/2023 00:40:00	3.92	0.00	30.36	99.77
15/04/2023 00:45:00	4.55	0.00	30.33	99.78
15/04/2023 00:50:00	4.32	0.00	29.92	99.78
15/04/2023 00:55:00	3.09	0.00	30.04	99.75
15/04/2023 01:00:00	4.02	0.00	30.50	99.75
15/04/2023 01:05:00	3.34	0.00	30.36	99.75
15/04/2023 01:10:00	3.95	0.00	30.53	99.75
15/04/2023 01:15:00	4.34	0.00	30.06	99.75
15/04/2023 01:20:00	3.90	0.00	30.22	99.74
15/04/2023 01:25:00	3.34	0.00	29.62	99.74
15/04/2023 01:30:00	3.34	0.00	30.22	99.73
15/04/2023 01:35:00	4.00	0.00	29.76	99.73
15/04/2023 01:40:00	3.53	0.00	30.20	99.73
15/04/2023 01:45:00	2.94	0.00	30.22	99.72
15/04/2023 01:50:00	3.95	0.00	29.62	99.70
15/04/2023 01:55:00	3.56	0.00	29.89	99.69
15/04/2023 02:00:00	2.90	0.00	29.46	99.69
15/04/2023 02:05:00	2.90	0.00	30.06	99.69
15/04/2023 02:10:00	2.72	0.00	29.89	99.69
15/04/2023 02:15:00	2.85	0.00	29.89	99.68
15/04/2023 02:20:00	3.97	0.00	30.20	99.67
15/04/2023 02:25:00	3.92	0.00	30.04	99.66

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)
15/04/2023 02:30:00	3.46	0.00	29.92	99.67
15/04/2023 02:35:00	3.04	0.00	30.08	99.67
15/04/2023 02:40:00	3.60	0.00	29.89	99.67
15/04/2023 02:45:00	3.30	0.00	29.29	99.67
15/04/2023 02:50:00	3.34	0.00	29.29	99.67
15/04/2023 02:55:00	3.11	0.00	29.15	99.67
15/04/2023 03:00:00	3.36	0.00	29.76	99.67
15/04/2023 03:05:00	3.25	0.00	29.15	99.67
15/04/2023 03:10:00	4.27	0.00	29.92	99.67
15/04/2023 03:15:00	2.92	0.00	29.62	99.67
15/04/2023 03:20:00	3.11	0.00	29.02	99.67
15/04/2023 03:25:00	3.83	0.00	29.46	99.67
15/04/2023 03:30:00	3.07	0.00	29.02	99.67
15/04/2023 03:35:00	4.51	0.00	29.59	99.67
15/04/2023 03:40:00	3.43	0.00	29.13	99.68
15/04/2023 03:45:00	2.78	0.00	29.04	99.69
15/04/2023 03:50:00	2.81	0.00	28.99	99.69
15/04/2023 03:55:00	2.56	0.00	29.59	99.69
15/04/2023 04:00:00	3.00	0.00	29.31	99.69
15/04/2023 04:05:00	3.09	0.00	28.82	99.70
15/04/2023 04:10:00	3.25	0.00	28.99	99.70
15/04/2023 04:15:00	3.58	0.00	29.15	99.71
15/04/2023 04:20:00	2.92	0.00	28.82	99.70
15/04/2023 04:25:00	3.02	0.00	29.31	99.72
15/04/2023 04:30:00	3.62	0.00	28.69	99.72
15/04/2023 04:35:00	2.65	0.00	29.02	99.73
15/04/2023 04:40:00	3.23	0.00	29.46	99.73
15/04/2023 04:45:00	3.04	0.00	29.15	99.75
15/04/2023 04:50:00	2.65	0.00	28.71	99.75
15/04/2023 04:55:00	2.60	0.00	28.99	99.77
15/04/2023 05:00:00	3.36	0.00	29.02	99.78
15/04/2023 05:05:00	2.88	0.00	29.46	99.76
15/04/2023 05:10:00	3.04	0.00	28.53	99.77
15/04/2023 05:15:00	2.53	0.00	28.85	99.75
15/04/2023 05:20:00	2.69	0.00	29.15	99.75
15/04/2023 05:25:00	3.81	0.00	28.71	99.77
15/04/2023 05:30:00	3.09	0.00	28.85	99.78
15/04/2023 05:35:00	2.90	0.00	29.15	99.78
15/04/2023 05:40:00	3.16	0.00	28.40	99.79
15/04/2023 05:45:00	2.58	0.00	28.40	99.79
15/04/2023 05:50:00	2.23	0.00	28.55	99.81
15/04/2023 05:55:00	3.18	0.00	29.02	99.82
15/04/2023 06:00:00	3.39	0.00	29.18	99.83
15/04/2023 06:05:00	2.58	0.00	28.85	99.82
15/04/2023 06:10:00	2.72	0.00	28.22	99.82

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)
15/04/2023 06:15:00	2.76	0.00	29.02	99.85
15/04/2023 06:20:00	2.74	0.00	28.66	99.84
15/04/2023 06:25:00	2.85	0.00	28.24	99.86
15/04/2023 06:30:00	3.02	0.00	28.38	99.86
15/04/2023 06:35:00	2.90	0.00	28.38	99.87
15/04/2023 06:40:00	2.43	0.00	28.99	99.88
15/04/2023 06:45:00	2.53	0.00	28.85	99.88
15/04/2023 06:50:00	2.23	0.00	28.69	99.87
15/04/2023 06:55:00	2.34	0.00	28.24	99.90
15/04/2023 07:00:00	2.65	0.00	28.71	99.92
15/04/2023 07:05:00	2.49	0.00	28.38	99.93
15/04/2023 07:10:00	3.04	0.00	28.40	99.95
15/04/2023 07:15:00	2.53	0.00	28.85	99.93
15/04/2023 07:20:00	3.04	0.00	28.85	99.95
15/04/2023 07:25:00	3.02	0.00	28.55	99.96
15/04/2023 07:30:00	2.85	0.00	28.71	99.98
15/04/2023 07:35:00	2.39	0.00	28.38	99.98
15/04/2023 07:40:00	2.16	0.00	28.71	100.00
15/04/2023 07:45:00	2.72	0.00	28.55	100.02
15/04/2023 07:50:00	2.76	0.00	28.38	100.01
15/04/2023 07:55:00	1.92	0.00	28.99	100.01
15/04/2023 08:00:00	2.41	0.00	28.55	100.02
15/04/2023 08:05:00	2.58	0.00	28.38	100.03
15/04/2023 08:10:00	2.37	0.00	28.85	100.04
15/04/2023 08:15:00	2.20	0.00	28.36	100.03
15/04/2023 08:20:00	2.76	0.00	28.85	100.03
15/04/2023 08:25:00	2.69	0.00	28.55	100.05
15/04/2023 08:30:00	2.41	0.00	28.85	100.05
15/04/2023 08:35:00	2.46	0.00	28.38	100.07
15/04/2023 08:40:00	3.16	0.00	28.24	100.08
15/04/2023 08:45:00	2.11	0.00	28.24	100.09
15/04/2023 08:50:00	2.04	0.00	28.55	100.10
15/04/2023 08:55:00	2.88	0.00	28.38	100.10
15/04/2023 09:00:00	2.65	0.00	28.69	100.10
15/04/2023 09:05:00	2.09	0.00	29.02	100.10
15/04/2023 09:10:00	2.07	0.00	28.85	100.12
15/04/2023 09:15:00	2.34	0.00	28.69	100.13
15/04/2023 09:20:00	2.43	0.00	28.22	100.11
15/04/2023 09:25:00	1.85	0.00	28.22	100.10
15/04/2023 09:30:00	2.27	0.00	28.69	100.12
15/04/2023 09:35:00	2.49	0.00	28.87	100.10
15/04/2023 09:40:00	2.39	0.00	28.69	100.10
15/04/2023 09:45:00	2.90	0.00	28.82	100.10
15/04/2023 09:50:00	2.51	0.00	28.69	100.11
15/04/2023 09:55:00	2.07	0.00	28.99	100.10

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)
15/04/2023 10:00:00	1.83	0.00	29.02	100.10
15/04/2023 10:05:00	1.41	0.00	28.55	100.10
15/04/2023 10:10:00	2.02	0.00	28.71	100.10
15/04/2023 10:15:00	2.00	0.00	28.69	100.10
15/04/2023 10:20:00	2.67	0.00	28.38	100.10
15/04/2023 10:25:00	1.98	0.00	28.53	100.10
15/04/2023 10:30:00	3.58	0.00	29.13	100.10
15/04/2023 10:35:00	3.02	0.00	29.15	100.11
15/04/2023 10:40:00	2.41	0.00	29.31	100.10
15/04/2023 10:45:00	2.67	0.00	29.15	100.10
15/04/2023 10:50:00	2.37	0.00	29.29	100.10
15/04/2023 10:55:00	1.56	0.00	28.99	100.08
15/04/2023 11:00:00	1.88	0.00	28.69	100.06
15/04/2023 11:05:00	1.37	0.00	28.69	100.05
15/04/2023 11:10:00	1.49	0.00	28.85	100.06
15/04/2023 11:15:00	1.23	0.00	28.85	100.07
15/04/2023 11:20:00	1.53	0.00	29.13	100.03
15/04/2023 11:25:00	1.34	0.00	29.46	100.04
15/04/2023 11:30:00	1.67	0.00	29.59	100.04
15/04/2023 11:35:00	2.09	0.00	29.59	100.04
15/04/2023 11:40:00	1.65	0.00	29.29	100.03
15/04/2023 11:45:00	1.92	0.00	28.97	100.02
15/04/2023 11:50:00	1.81	0.00	29.71	100.01
15/04/2023 11:55:00	2.16	0.00	29.15	100.03
15/04/2023 12:00:00	1.56	0.00	29.13	100.02
15/04/2023 12:05:00	1.18	0.00	29.27	100.01
15/04/2023 12:10:00	1.58	0.00	29.89	99.98
15/04/2023 12:15:00	1.30	0.00	29.73	100.00
15/04/2023 12:20:00	1.43	0.00	29.89	99.99
15/04/2023 12:25:00	1.85	0.00	29.27	99.98
15/04/2023 12:30:00	2.09	0.00	29.89	99.95
15/04/2023 12:35:00	2.32	0.00	30.04	99.94
15/04/2023 12:40:00	2.30	0.00	30.04	99.93
15/04/2023 12:45:00	1.58	0.00	30.20	99.93
15/04/2023 12:50:00	1.60	0.00	29.89	99.92
15/04/2023 12:55:00	1.76	0.00	29.89	99.94
15/04/2023 13:00:00	1.58	0.00	30.33	99.91
15/04/2023 13:05:00	1.72	0.00	30.36	99.90
15/04/2023 13:10:00	1.37	0.00	29.73	99.90
15/04/2023 13:15:00	1.25	0.00	29.73	99.89
15/04/2023 13:20:00	1.30	0.00	30.64	99.86
15/04/2023 13:25:00	1.32	0.00	29.89	99.86
15/04/2023 13:30:00	1.30	0.00	30.80	99.84
15/04/2023 13:35:00	1.46	0.00	30.64	99.85
15/04/2023 13:40:00	1.41	0.00	30.17	99.84

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)
15/04/2023 13:45:00	1.43	0.00	30.95	99.84
15/04/2023 13:50:00	1.37	0.00	30.64	99.80
15/04/2023 13:55:00	1.23	0.00	30.33	99.79
15/04/2023 14:00:00	1.30	0.00	30.31	99.80
15/04/2023 14:05:00	1.37	0.00	30.92	99.79
15/04/2023 14:10:00	1.39	0.00	31.13	99.78
15/04/2023 14:15:00	1.34	0.00	31.24	99.76
15/04/2023 14:20:00	1.41	0.00	30.64	99.77
15/04/2023 14:25:00	1.34	0.00	30.48	99.75
15/04/2023 14:30:00	1.41	0.00	30.75	99.75
15/04/2023 14:35:00	1.39	0.00	31.24	99.75
15/04/2023 14:40:00	1.51	0.00	30.78	99.75
15/04/2023 14:45:00	1.34	0.00	30.80	99.74
15/04/2023 14:50:00	1.65	0.00	30.75	99.73
15/04/2023 14:55:00	12.62	20,042.73	30.90	99.78
15/04/2023 15:00:00	12.20	60,013.73	37.10	99.71
15/04/2023 15:05:00	9.58	66,575.11	41.73	99.71
15/04/2023 15:10:00	12.60	61,989.78	41.89	99.73
15/04/2023 15:15:00	21.50	149,103.53	44.34	99.68
15/04/2023 15:20:00	12.15	99,084.46	42.66	99.71
15/04/2023 15:25:00	12.90	108,690.01	44.80	99.73
15/04/2023 15:30:00	14.02	153,055.62	45.38	99.66
15/04/2023 15:35:00	16.13	153,498.12	45.24	99.69
15/04/2023 15:40:00	16.27	134,149.69	46.31	99.73
15/04/2023 15:45:00	20.06	144,388.48	48.78	99.75
15/04/2023 15:50:00	17.15	148,172.73	48.73	99.67
15/04/2023 15:55:00	19.87	141,313.80	48.62	99.66
15/04/2023 16:00:00	16.32	126,825.36	47.38	99.66
15/04/2023 16:05:00	18.83	0.00	47.98	99.68
15/04/2023 16:10:00	15.75	149,851.22	48.45	99.71
15/04/2023 16:15:00	19.43	140,108.34	48.31	99.66
15/04/2023 16:20:00	16.11	139,475.09	47.05	99.69
15/04/2023 16:25:00	17.48	130,037.38	46.94	99.67
15/04/2023 16:30:00	19.59	135,523.00	46.62	99.74
15/04/2023 16:35:00	18.17	130,014.50	46.91	99.73
15/04/2023 16:40:00	17.11	149,057.77	47.22	99.70
15/04/2023 16:45:00	16.53	139,337.77	47.05	99.69
15/04/2023 16:50:00	18.97	136,408.03	47.22	99.75
15/04/2023 16:55:00	20.87	151,384.77	48.42	99.70
15/04/2023 17:00:00	19.20	131,570.92	48.29	99.73
15/04/2023 17:05:00	18.01	144,525.83	47.98	99.69
15/04/2023 17:10:00	17.50	138,872.36	47.22	99.75
15/04/2023 17:15:00	19.68	138,712.14	47.68	99.73
15/04/2023 17:20:00	17.83	132,898.45	47.36	99.68
15/04/2023 17:25:00	18.01	88,830.40	48.29	99.69

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)
15/04/2023 17:30:00	17.52	29,015.03	49.22	99.76
15/04/2023 17:35:00	12.27	18,646.52	46.31	99.74
15/04/2023 17:40:00	9.85	16,945.14	42.80	99.73
15/04/2023 17:45:00	56.00	16,067.75	41.41	99.73
15/04/2023 17:50:00	11.55	0.00	41.59	99.74
15/04/2023 17:55:00	6.62	15,297.17	39.43	99.74
15/04/2023 18:00:00	6.76	17,135.88	39.15	99.75
15/04/2023 18:05:00	7.25	16,067.75	38.85	99.74
15/04/2023 18:10:00	6.58	15,762.57	39.76	99.73
15/04/2023 18:15:00	6.20	16,510.26	38.36	99.74
15/04/2023 18:20:00	7.48	16,388.19	38.54	99.76
15/04/2023 18:25:00	5.16	16,067.75	37.01	99.76
15/04/2023 18:30:00	5.46	13,946.75	37.01	99.78
15/04/2023 18:35:00	5.55	15,136.95	36.55	99.80
15/04/2023 18:40:00	5.25	15,297.17	36.08	99.78
15/04/2023 18:45:00	5.16	15,762.57	37.32	99.78
15/04/2023 18:50:00	5.55	14,251.93	35.81	99.80
15/04/2023 18:55:00	5.18	14,717.33	35.66	99.81
15/04/2023 19:00:00	5.07	15,320.06	36.26	99.84
15/04/2023 19:05:00	4.27	14,557.11	36.57	99.83
15/04/2023 19:10:00	3.83	15,159.84	35.66	99.84
15/04/2023 19:15:00	4.49	12,718.39	34.59	99.84
15/04/2023 19:20:00	4.95	17,601.28	35.81	99.85
15/04/2023 19:25:00	5.04	13,015.95	34.43	99.83
15/04/2023 19:30:00	3.85	13,649.20	35.97	99.84
15/04/2023 19:35:00	4.23	0.00	34.90	99.84
15/04/2023 19:40:00	4.14	13,481.35	35.34	99.85
15/04/2023 19:45:00	4.04	15,045.40	34.43	99.85
15/04/2023 19:50:00	4.58	12,390.33	33.52	99.84
15/04/2023 19:55:00	4.30	13,946.75	33.36	99.84
15/04/2023 20:00:00	4.34	14,274.81	34.75	99.84
15/04/2023 20:05:00	4.11	14,557.11	34.26	99.83
15/04/2023 20:10:00	3.74	13,969.63	34.15	99.83
15/04/2023 20:15:00	4.23	13,504.23	33.36	99.83
15/04/2023 20:20:00	4.16	14,580.00	32.92	99.84
15/04/2023 20:25:00	4.78	13,504.23	32.78	99.84
15/04/2023 20:30:00	3.65	13,504.23	33.39	99.84
15/04/2023 20:35:00	4.23	12,573.43	32.92	99.84
15/04/2023 20:40:00	4.02	11,459.53	32.59	99.86
15/04/2023 20:45:00	4.09	11,993.59	32.94	99.88
15/04/2023 20:50:00	4.39	12,367.44	32.62	99.90
15/04/2023 20:55:00	4.11	13,527.12	32.62	99.89
15/04/2023 21:00:00	4.14	12,436.10	32.33	99.88
15/04/2023 21:05:00	4.11	12,573.43	31.69	99.90
15/04/2023 21:10:00	3.46	12,764.17	32.01	99.90

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)
15/04/2023 21:15:00	3.81	11,230.64	32.17	99.90
15/04/2023 21:20:00	3.53	0.00	32.01	99.90
15/04/2023 21:25:00	3.72	13,969.63	31.41	99.92
15/04/2023 21:30:00	3.78	12,184.33	31.57	99.90
15/04/2023 21:35:00	3.65	12,603.95	31.57	99.92
15/04/2023 21:40:00	3.95	12,016.48	31.27	99.90
15/04/2023 21:45:00	4.07	10,017.55	31.57	99.90
15/04/2023 21:50:00	4.16	11,993.59	31.57	99.89
15/04/2023 21:55:00	3.04	10,925.46	31.11	99.88
15/04/2023 22:00:00	3.65	0.00	30.95	99.89
15/04/2023 22:05:00	3.58	9,109.64	31.11	99.91
15/04/2023 22:10:00	3.97	10,299.84	30.64	99.92
15/04/2023 22:15:00	3.14	11,993.59	30.66	99.91
15/04/2023 22:20:00	4.07	10,696.57	30.36	99.93
15/04/2023 22:25:00	4.18	10,154.88	30.33	99.93
15/04/2023 22:30:00	4.20	0.00	30.04	99.93
15/04/2023 22:35:00	5.09	10,948.35	30.20	99.95
15/04/2023 22:40:00	3.67	0.00	30.64	99.92
15/04/2023 22:45:00	3.58	0.00	30.33	99.92
15/04/2023 22:50:00	3.49	0.00	29.89	99.90
15/04/2023 22:55:00	3.76	0.00	30.33	99.89
15/04/2023 23:00:00	3.81	9,994.66	30.50	99.89
15/04/2023 23:05:00	3.60	0.00	29.59	99.89
15/04/2023 23:10:00	4.16	0.00	29.73	99.88
15/04/2023 23:15:00	3.88	10,154.88	30.20	99.87
15/04/2023 23:20:00	3.56	0.00	29.46	99.88
15/04/2023 23:25:00	3.36	0.00	30.04	99.88
15/04/2023 23:30:00	4.34	0.00	29.73	99.90
15/04/2023 23:35:00	3.88	0.00	29.29	99.88
15/04/2023 23:40:00	3.56	0.00	29.76	99.87
15/04/2023 23:45:00	3.23	0.00	29.73	99.87
15/04/2023 23:50:00	3.62	0.00	29.73	99.86
15/04/2023 23:55:00	1.58	0.00	29.76	99.86