



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: 12/04/2023

Tới: 12/04/2023

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)
12/04/2023 00:00:00	33.38	138,155.19	57.82	99.84
12/04/2023 00:05:00	39.19	143,640.80	59.33	99.80
12/04/2023 00:10:00	34.96	134,035.25	58.26	99.89
12/04/2023 00:15:00	37.71	135,294.12	59.66	99.93
12/04/2023 00:20:00	32.78	125,017.17	58.72	99.86
12/04/2023 00:25:00	29.56	128,221.56	59.17	99.85
12/04/2023 00:30:00	39.38	126,550.70	59.79	99.90
12/04/2023 00:35:00	33.87	0.00	59.30	99.96
12/04/2023 00:40:00	41.61	132,036.31	59.63	99.76
12/04/2023 00:45:00	36.96	139,200.44	60.23	99.79
12/04/2023 00:50:00	38.93	124,643.32	60.68	99.89
12/04/2023 00:55:00	30.96	137,079.42	60.87	99.82
12/04/2023 01:00:00	39.64	127,946.90	59.33	99.89
12/04/2023 01:05:00	32.96	128,847.18	60.10	99.75
12/04/2023 01:10:00	33.59	128,221.56	58.10	99.93
12/04/2023 01:15:00	33.59	149,126.42	56.28	99.87
12/04/2023 01:20:00	31.03	137,964.45	55.96	99.82
12/04/2023 01:25:00	31.59	146,684.98	54.15	99.89
12/04/2023 01:30:00	28.03	137,521.94	54.45	99.87
12/04/2023 01:35:00	29.34	145,593.95	53.68	99.81
12/04/2023 01:40:00	32.59	139,223.31	52.61	99.84
12/04/2023 01:45:00	26.20	128,358.89	51.93	99.90
12/04/2023 01:50:00	27.41	148,149.84	52.45	99.87
12/04/2023 01:55:00	26.50	148,218.52	50.75	99.86
12/04/2023 02:00:00	26.64	133,707.19	51.19	99.84
12/04/2023 02:05:00	28.24	144,388.48	50.59	99.80
12/04/2023 02:10:00	24.57	146,059.36	50.59	99.78
12/04/2023 02:15:00	30.29	139,963.38	50.75	99.84
12/04/2023 02:20:00	23.50	0.00	50.29	99.81
12/04/2023 02:25:00	24.90	126,085.30	51.22	99.81
12/04/2023 02:30:00	21.45	148,195.62	50.45	99.83
12/04/2023 02:35:00	25.38	146,921.48	50.59	99.79
12/04/2023 02:40:00	21.78	146,364.55	49.66	99.78
12/04/2023 02:45:00	27.34	133,546.95	49.24	99.80
12/04/2023 02:50:00	20.25	132,501.72	50.01	99.83
12/04/2023 02:55:00	25.41	144,686.05	49.98	99.78
12/04/2023 03:00:00	23.71	135,225.45	50.29	99.80
12/04/2023 03:05:00	30.69	130,014.50	50.13	99.81
12/04/2023 03:10:00	26.05	131,876.09	50.42	99.77

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)
12/04/2023 03:15:00	27.18	140,711.06	50.29	99.80
12/04/2023 03:20:00	27.73	147,455.56	50.45	99.77
12/04/2023 03:25:00	27.03	153,223.47	50.45	99.81
12/04/2023 03:30:00	25.54	124,986.65	49.98	99.73
12/04/2023 03:35:00	26.27	139,360.66	50.75	99.78
12/04/2023 03:40:00	25.67	133,546.95	49.55	99.78
12/04/2023 03:45:00	29.78	127,924.01	51.35	99.80
12/04/2023 03:50:00	26.99	154,619.67	49.68	99.77
12/04/2023 03:55:00	30.31	138,429.84	49.82	99.84
12/04/2023 04:00:00	26.31	134,172.58	49.40	99.87
12/04/2023 04:05:00	24.76	0.00	49.68	99.80
12/04/2023 04:10:00	25.38	139,063.09	51.38	99.78
12/04/2023 04:15:00	29.45	149,408.70	51.64	99.84
12/04/2023 04:20:00	27.59	135,851.06	51.35	99.82
12/04/2023 04:25:00	25.96	143,968.88	51.84	99.87
12/04/2023 04:30:00	31.47	152,964.06	52.33	99.84
12/04/2023 04:35:00	27.54	145,288.78	52.48	99.74
12/04/2023 04:40:00	22.76	132,013.44	51.96	99.84
12/04/2023 04:45:00	30.47	143,335.62	50.59	99.77
12/04/2023 04:50:00	28.50	137,270.16	51.22	99.84
12/04/2023 04:55:00	26.45	144,548.70	51.52	99.84
12/04/2023 05:00:00	28.50	134,012.36	50.89	99.81
12/04/2023 05:05:00	24.92	145,387.95	51.54	99.84
12/04/2023 05:10:00	28.56	137,224.38	50.59	99.86
12/04/2023 05:15:00	28.78	134,943.16	51.68	99.90
12/04/2023 05:20:00	26.47	138,757.92	51.52	99.84
12/04/2023 05:25:00	22.74	115,243.76	51.35	99.93
12/04/2023 05:30:00	27.05	100,320.44	50.31	99.88
12/04/2023 05:35:00	27.76	62,760.36	52.01	99.96
12/04/2023 05:40:00	24.85	22,812.24	54.61	100.03
12/04/2023 05:45:00	19.46	18,066.68	50.01	99.89
12/04/2023 05:50:00	16.11	0.00	45.73	99.88
12/04/2023 05:55:00	16.24	18,387.12	42.52	99.89
12/04/2023 06:00:00	12.48	16,250.86	40.71	99.89
12/04/2023 06:05:00	11.48	13,481.35	40.54	99.90
12/04/2023 06:10:00	10.11	17,021.44	39.94	99.90
12/04/2023 06:15:00	11.90	14,580.00	39.17	99.89
12/04/2023 06:20:00	11.78	14,877.55	38.74	99.89
12/04/2023 06:25:00	10.90	15,808.35	37.50	99.90
12/04/2023 06:30:00	8.97	13,580.53	37.96	99.89
12/04/2023 06:35:00	8.64	14,580.00	37.50	99.90
12/04/2023 06:40:00	9.29	14,274.81	37.96	99.91
12/04/2023 06:45:00	8.78	12,161.44	36.75	99.91
12/04/2023 06:50:00	8.48	13,969.63	35.68	99.92
12/04/2023 06:55:00	6.83	15,480.28	37.19	99.92
12/04/2023 07:00:00	7.00	13,809.41	35.36	99.92
12/04/2023 07:05:00	7.93	13,672.08	36.45	99.92
12/04/2023 07:10:00	7.67	13,038.83	34.62	99.93
12/04/2023 07:15:00	7.51	12,741.28	35.22	99.92
12/04/2023 07:20:00	7.51	15,968.57	35.85	99.95
12/04/2023 07:25:00	5.95	12,298.77	34.32	99.96
12/04/2023 07:30:00	7.23	11,253.53	34.62	99.96
12/04/2023 07:35:00	5.76	0.00	33.88	99.98

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)
12/04/2023 07:40:00	6.78	12,298.77	34.32	99.98
12/04/2023 07:45:00	6.62	9,857.33	34.29	99.96
12/04/2023 07:50:00	5.25	12,603.95	33.26	99.98
12/04/2023 07:55:00	5.51	9,414.82	33.26	99.96
12/04/2023 08:00:00	6.53	11,551.08	32.97	99.97
12/04/2023 08:05:00	6.00	10,017.55	32.94	99.98
12/04/2023 08:10:00	6.09	0.00	34.34	99.98
12/04/2023 08:15:00	5.13	11,856.26	34.15	99.99
12/04/2023 08:20:00	4.81	10,345.62	33.24	100.01
12/04/2023 08:25:00	5.53	10,040.44	32.80	99.98
12/04/2023 08:30:00	5.34	9,414.82	33.13	99.98
12/04/2023 08:35:00	5.36	10,154.88	33.24	99.98
12/04/2023 08:40:00	5.25	9,254.60	32.20	99.98
12/04/2023 08:45:00	4.30	10,788.13	32.33	100.00
12/04/2023 08:50:00	4.76	9,720.00	32.50	100.00
12/04/2023 08:55:00	5.32	0.00	32.48	99.98
12/04/2023 09:00:00	5.07	9,552.15	32.04	99.99
12/04/2023 09:05:00	4.34	0.00	31.55	99.98
12/04/2023 09:10:00	4.62	0.00	31.73	99.98
12/04/2023 09:15:00	4.78	9,857.33	32.01	99.98
12/04/2023 09:20:00	4.72	0.00	31.41	99.98
12/04/2023 09:25:00	4.00	11,085.68	31.90	99.98
12/04/2023 09:30:00	4.83	0.00	32.20	99.98
12/04/2023 09:35:00	4.90	10,322.73	31.41	99.98
12/04/2023 09:40:00	4.16	10,948.35	31.27	99.98
12/04/2023 09:45:00	4.65	9,857.33	31.27	99.98
12/04/2023 09:50:00	3.58	0.00	31.41	99.98
12/04/2023 09:55:00	5.00	0.00	31.71	99.98
12/04/2023 10:00:00	4.30	0.00	31.43	99.98
12/04/2023 10:05:00	4.00	0.00	31.57	99.97
12/04/2023 10:10:00	4.23	9,391.93	30.82	99.95
12/04/2023 10:15:00	3.25	0.00	31.13	99.95
12/04/2023 10:20:00	3.74	0.00	31.27	99.94
12/04/2023 10:25:00	3.67	0.00	30.80	99.94
12/04/2023 10:30:00	3.20	0.00	31.41	99.93
12/04/2023 10:35:00	4.34	0.00	31.43	99.93
12/04/2023 10:40:00	3.81	0.00	31.13	99.92
12/04/2023 10:45:00	3.11	0.00	31.43	99.91
12/04/2023 10:50:00	3.23	0.00	31.11	99.90
12/04/2023 10:55:00	4.14	0.00	30.80	99.89
12/04/2023 11:00:00	3.76	0.00	30.66	99.88
12/04/2023 11:05:00	4.07	0.00	31.24	99.87
12/04/2023 11:10:00	3.62	0.00	30.97	99.88
12/04/2023 11:15:00	3.32	0.00	30.64	99.87
12/04/2023 11:20:00	3.78	0.00	30.80	99.87
12/04/2023 11:25:00	2.90	0.00	30.50	99.86
12/04/2023 11:30:00	3.20	0.00	30.95	99.84
12/04/2023 11:35:00	3.81	0.00	30.97	99.84
12/04/2023 11:40:00	3.34	0.00	30.20	99.84
12/04/2023 11:45:00	3.67	0.00	31.13	99.83
12/04/2023 11:50:00	3.36	0.00	30.20	99.82
12/04/2023 11:55:00	3.18	0.00	30.97	99.81
12/04/2023 12:00:00	3.16	0.00	30.53	99.78

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)
12/04/2023 12:05:00	3.69	0.00	30.20	99.78
12/04/2023 12:10:00	3.78	0.00	30.04	99.78
12/04/2023 12:15:00	3.09	0.00	30.82	99.77
12/04/2023 12:20:00	3.83	0.00	30.69	99.76
12/04/2023 12:25:00	3.16	0.00	30.20	99.75
12/04/2023 12:30:00	3.16	0.00	30.20	99.74
12/04/2023 12:35:00	2.81	0.00	30.82	99.73
12/04/2023 12:40:00	2.94	0.00	30.06	99.71
12/04/2023 12:45:00	2.69	0.00	30.36	99.70
12/04/2023 12:50:00	2.30	0.00	30.36	99.69
12/04/2023 12:55:00	3.18	0.00	30.50	99.69
12/04/2023 13:00:00	3.43	0.00	30.50	99.67
12/04/2023 13:05:00	3.39	0.00	30.36	99.67
12/04/2023 13:10:00	3.30	0.00	30.04	99.67
12/04/2023 13:15:00	2.76	0.00	29.73	99.66
12/04/2023 13:20:00	2.72	0.00	29.89	99.65
12/04/2023 13:25:00	2.62	0.00	30.66	99.64
12/04/2023 13:30:00	2.58	0.00	29.76	99.63
12/04/2023 13:35:00	3.02	0.00	30.50	99.63
12/04/2023 13:40:00	3.36	0.00	30.22	99.61
12/04/2023 13:45:00	3.27	0.00	30.36	99.60
12/04/2023 13:50:00	2.25	0.00	30.33	99.59
12/04/2023 13:55:00	2.78	0.00	30.36	99.58
12/04/2023 14:00:00	2.88	0.00	30.22	99.57
12/04/2023 14:05:00	2.88	0.00	30.06	99.56
12/04/2023 14:10:00	2.74	0.00	30.20	99.54
12/04/2023 14:15:00	3.04	0.00	29.62	99.55
12/04/2023 14:20:00	2.41	0.00	29.76	99.55
12/04/2023 14:25:00	2.23	0.00	29.59	99.53
12/04/2023 14:30:00	2.76	0.00	29.57	99.53
12/04/2023 14:35:00	2.34	0.00	29.89	99.52
12/04/2023 14:40:00	2.83	0.00	29.87	99.52
12/04/2023 14:45:00	2.58	0.00	30.22	99.52
12/04/2023 14:50:00	2.46	0.00	29.87	99.50
12/04/2023 14:55:00	2.94	0.00	29.62	99.52
12/04/2023 15:00:00	2.56	0.00	29.57	99.51
12/04/2023 15:05:00	14.66	0.00	30.20	99.51
12/04/2023 15:10:00	3.39	0.00	29.59	99.52
12/04/2023 15:15:00	2.76	0.00	29.59	99.50
12/04/2023 15:20:00	2.67	0.00	30.04	99.49
12/04/2023 15:25:00	2.72	0.00	29.59	99.50
12/04/2023 15:30:00	2.62	0.00	29.62	99.51
12/04/2023 15:35:00	2.49	0.00	29.89	99.50
12/04/2023 15:40:00	2.32	0.00	29.89	99.49
12/04/2023 15:45:00	5.51	0.00	29.76	99.49
12/04/2023 15:50:00	9.74	0.00	29.59	99.50
12/04/2023 15:55:00	2.94	0.00	30.08	99.49
12/04/2023 16:00:00	2.81	0.00	29.59	99.49
12/04/2023 16:05:00	2.65	0.00	29.76	99.48
12/04/2023 16:10:00	2.69	0.00	29.46	99.46
12/04/2023 16:15:00	2.56	0.00	29.92	99.47
12/04/2023 16:20:00	2.85	0.00	29.62	99.46
12/04/2023 16:25:00	2.65	0.00	29.29	99.46

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)
12/04/2023 16:30:00	2.51	0.00	29.62	99.46
12/04/2023 16:35:00	2.43	0.00	29.29	99.46
12/04/2023 16:40:00	2.27	0.00	29.29	99.46
12/04/2023 16:45:00	3.18	0.00	30.06	99.46
12/04/2023 16:50:00	2.74	0.00	29.46	99.46
12/04/2023 16:55:00	2.56	0.00	29.31	99.49
12/04/2023 17:00:00	2.94	0.00	29.89	99.49
12/04/2023 17:05:00	2.60	0.00	29.31	99.50
12/04/2023 17:10:00	2.60	0.00	29.31	99.49
12/04/2023 17:15:00	2.56	0.00	29.46	99.49
12/04/2023 17:20:00	2.53	0.00	29.02	99.49
12/04/2023 17:25:00	2.65	0.00	28.99	99.49
12/04/2023 17:30:00	2.76	0.00	29.59	99.49
12/04/2023 17:35:00	2.41	0.00	29.29	99.49
12/04/2023 17:40:00	2.34	0.00	29.76	99.49
12/04/2023 17:45:00	2.76	0.00	29.46	99.49
12/04/2023 17:50:00	2.39	0.00	29.62	99.51
12/04/2023 17:55:00	2.78	0.00	29.13	99.52
12/04/2023 18:00:00	2.69	0.00	29.59	99.52
12/04/2023 18:05:00	2.60	0.00	29.43	99.52
12/04/2023 18:10:00	2.41	0.00	28.82	99.51
12/04/2023 18:15:00	2.34	0.00	28.99	99.52
12/04/2023 18:20:00	3.07	0.00	29.46	99.53
12/04/2023 18:25:00	3.53	0.00	29.02	99.54
12/04/2023 18:30:00	2.37	0.00	28.82	99.56
12/04/2023 18:35:00	2.53	0.00	28.85	99.55
12/04/2023 18:40:00	3.18	0.00	28.99	99.56
12/04/2023 18:45:00	2.34	0.00	29.15	99.58
12/04/2023 18:50:00	2.53	0.00	29.13	99.58
12/04/2023 18:55:00	5.93	0.00	29.15	99.60
12/04/2023 19:00:00	2.37	0.00	28.99	99.59
12/04/2023 19:05:00	2.16	0.00	29.22	99.60
12/04/2023 19:10:00	2.58	0.00	29.13	99.59
12/04/2023 19:15:00	2.67	0.00	29.15	99.60
12/04/2023 19:20:00	2.49	0.00	28.71	99.60
12/04/2023 19:25:00	3.18	0.00	28.69	99.60
12/04/2023 19:30:00	2.39	0.00	28.69	99.62
12/04/2023 19:35:00	2.83	0.00	29.29	99.64
12/04/2023 19:40:00	2.51	0.00	28.38	99.64
12/04/2023 19:45:00	2.67	0.00	28.82	99.66
12/04/2023 19:50:00	2.53	0.00	28.82	99.66
12/04/2023 19:55:00	2.18	0.00	28.55	99.66
12/04/2023 20:00:00	2.46	0.00	29.02	99.66
12/04/2023 20:05:00	3.07	0.00	28.69	99.66
12/04/2023 20:10:00	2.88	0.00	28.85	99.66
12/04/2023 20:15:00	2.67	0.00	28.36	99.69
12/04/2023 20:20:00	2.76	0.00	28.55	99.69
12/04/2023 20:25:00	2.90	0.00	28.50	99.69
12/04/2023 20:30:00	2.58	0.00	28.71	99.71
12/04/2023 20:35:00	2.76	0.00	28.22	99.72
12/04/2023 20:40:00	2.62	0.00	29.02	99.71
12/04/2023 20:45:00	2.49	0.00	28.69	99.70
12/04/2023 20:50:00	2.49	0.00	28.69	99.71

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)
12/04/2023 20:55:00	2.67	0.00	28.38	99.69
12/04/2023 21:00:00	2.88	0.00	28.38	99.71
12/04/2023 21:05:00	2.51	0.00	28.69	99.71
12/04/2023 21:10:00	2.76	0.00	28.55	99.70
12/04/2023 21:15:00	2.94	0.00	28.53	99.71
12/04/2023 21:20:00	3.27	0.00	28.11	99.73
12/04/2023 21:25:00	2.81	0.00	28.71	99.75
12/04/2023 21:30:00	2.27	0.00	28.69	99.75
12/04/2023 21:35:00	2.56	0.00	28.55	99.75
12/04/2023 21:40:00	2.34	0.00	28.55	99.78
12/04/2023 21:45:00	2.74	0.00	28.06	99.78
12/04/2023 21:50:00	2.41	0.00	28.08	99.78
12/04/2023 21:55:00	2.81	0.00	28.36	99.78
12/04/2023 22:00:00	2.30	0.00	28.85	99.80
12/04/2023 22:05:00	2.00	0.00	28.69	99.81
12/04/2023 22:10:00	1.95	0.00	28.55	99.81
12/04/2023 22:15:00	2.46	0.00	28.11	99.81
12/04/2023 22:20:00	2.18	0.00	28.11	99.80
12/04/2023 22:25:00	2.16	0.00	27.95	99.80
12/04/2023 22:30:00	6.32	0.00	28.24	99.83
12/04/2023 22:35:00	14.04	60,250.25	33.41	99.87
12/04/2023 22:40:00	15.11	154,222.94	37.22	99.81
12/04/2023 22:45:00	19.85	144,457.16	40.12	99.83
12/04/2023 22:50:00	19.17	148,569.47	42.10	99.78
12/04/2023 22:55:00	27.41	145,334.55	44.38	99.81
12/04/2023 23:00:00	25.67	135,896.84	47.59	99.89
12/04/2023 23:05:00	27.96	141,336.69	49.89	99.84
12/04/2023 23:10:00	27.66	142,755.78	50.50	99.86
12/04/2023 23:15:00	31.08	143,503.47	52.80	99.83
12/04/2023 23:20:00	34.17	0.00	53.73	99.83
12/04/2023 23:25:00	29.29	140,314.34	54.47	99.80
12/04/2023 23:30:00	34.71	138,315.41	55.84	99.85
12/04/2023 23:35:00	32.49	124,132.14	57.54	99.84
12/04/2023 23:40:00	33.66	140,291.45	57.68	99.89
12/04/2023 23:45:00	33.47	132,524.61	58.28	99.84
12/04/2023 23:50:00	38.06	136,179.14	58.14	99.84
12/04/2023 23:55:00	30.15	126,108.19	56.45	99.86