



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: 11/04/2023

Tới: 11/04/2023

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)
11/04/2023 00:00:00	30.08	147,966.73	48.98	99.84
11/04/2023 00:05:00	32.31	0.00	49.59	99.77
11/04/2023 00:10:00	29.22	148,271.92	49.73	99.81
11/04/2023 00:15:00	35.61	138,666.36	49.42	99.79
11/04/2023 00:20:00	32.55	132,082.09	50.50	99.72
11/04/2023 00:25:00	33.38	144,594.48	50.96	99.78
11/04/2023 00:30:00	31.38	151,567.86	50.33	99.76
11/04/2023 00:35:00	25.15	132,364.39	50.33	99.75
11/04/2023 00:40:00	32.89	139,574.27	50.19	99.74
11/04/2023 00:45:00	31.66	145,288.78	50.99	99.77
11/04/2023 00:50:00	31.94	136,964.98	49.59	99.75
11/04/2023 00:55:00	29.05	148,683.91	49.59	99.79
11/04/2023 01:00:00	31.24	138,941.02	49.26	99.67
11/04/2023 01:05:00	28.78	143,686.58	48.82	99.69
11/04/2023 01:10:00	29.52	151,453.42	49.71	99.71
11/04/2023 01:15:00	27.01	149,614.70	48.20	99.68
11/04/2023 01:20:00	25.08	139,269.09	48.96	99.69
11/04/2023 01:25:00	29.66	145,662.62	48.66	99.69
11/04/2023 01:30:00	25.64	0.00	48.20	99.73
11/04/2023 01:35:00	26.69	146,730.75	49.71	99.76
11/04/2023 01:40:00	35.82	133,897.92	48.36	99.67
11/04/2023 01:45:00	32.43	139,848.94	48.80	99.64
11/04/2023 01:50:00	24.99	0.00	49.57	99.58
11/04/2023 01:55:00	26.87	139,520.88	49.89	99.64
11/04/2023 02:00:00	31.33	144,731.81	50.01	99.70
11/04/2023 02:05:00	29.13	126,871.14	50.33	99.66
11/04/2023 02:10:00	31.20	143,991.77	50.64	99.61
11/04/2023 02:15:00	30.33	148,386.36	49.71	99.69
11/04/2023 02:20:00	29.11	146,105.12	48.96	99.66
11/04/2023 02:25:00	27.34	150,988.02	49.87	99.70
11/04/2023 02:30:00	28.11	144,571.59	50.01	99.67
11/04/2023 02:35:00	28.82	154,177.16	49.71	99.60

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)
11/04/2023 02:40:00	25.20	132,921.34	48.33	99.66
11/04/2023 02:45:00	28.59	145,639.73	49.71	99.66
11/04/2023 02:50:00	27.10	140,733.95	48.49	99.66
11/04/2023 02:55:00	32.27	144,243.53	49.24	99.66
11/04/2023 03:00:00	27.71	141,359.58	49.26	99.62
11/04/2023 03:05:00	26.12	130,388.34	49.73	99.66
11/04/2023 03:10:00	27.10	127,801.94	49.59	99.69
11/04/2023 03:15:00	27.01	0.00	49.10	99.62
11/04/2023 03:20:00	30.98	142,427.70	48.96	99.64
11/04/2023 03:25:00	28.92	137,453.27	49.42	99.66
11/04/2023 03:30:00	28.73	152,826.73	50.17	99.71
11/04/2023 03:35:00	30.87	0.00	49.24	99.65
11/04/2023 03:40:00	27.47	153,566.80	48.80	99.59
11/04/2023 03:45:00	29.24	145,777.06	48.64	99.60
11/04/2023 03:50:00	25.15	92,690.93	49.24	99.64
11/04/2023 03:55:00	30.80	99,877.93	48.49	99.67
11/04/2023 04:00:00	24.22	154,802.78	48.80	99.59
11/04/2023 04:05:00	23.34	140,131.23	48.31	99.60
11/04/2023 04:10:00	23.06	13,969.63	46.82	99.65
11/04/2023 04:15:00	10.37	10,017.55	43.31	99.66
11/04/2023 04:20:00	37.68	10,322.73	40.87	99.68
11/04/2023 04:25:00	6.76	0.00	39.50	99.67
11/04/2023 04:30:00	4.65	0.00	37.06	99.66
11/04/2023 04:35:00	12.57	0.00	37.66	99.64
11/04/2023 04:40:00	11.57	0.00	36.92	99.68
11/04/2023 04:45:00	9.16	0.00	35.22	99.66
11/04/2023 04:50:00	8.60	0.00	35.99	99.66
11/04/2023 04:55:00	10.25	0.00	35.52	99.66
11/04/2023 05:00:00	11.39	0.00	34.48	99.66
11/04/2023 05:05:00	10.51	0.00	34.94	99.67
11/04/2023 05:10:00	11.48	0.00	34.48	99.67
11/04/2023 05:15:00	19.50	75,944.15	39.83	99.64
11/04/2023 05:20:00	22.01	0.00	43.61	99.64
11/04/2023 05:25:00	21.52	100,808.73	44.08	99.64
11/04/2023 05:30:00	21.59	16,136.42	45.01	99.69
11/04/2023 05:35:00	14.78	9,597.92	40.15	99.72
11/04/2023 05:40:00	12.27	0.00	37.08	99.73
11/04/2023 05:45:00	14.53	0.00	36.78	99.73
11/04/2023 05:50:00	9.13	0.00	35.41	99.73
11/04/2023 05:55:00	9.29	0.00	34.01	99.72
11/04/2023 06:00:00	8.00	0.00	32.97	99.73
11/04/2023 06:05:00	8.97	0.00	33.90	99.74
11/04/2023 06:10:00	7.87	0.00	33.43	99.73
11/04/2023 06:15:00	8.34	0.00	32.36	99.75
11/04/2023 06:20:00	7.74	0.00	32.08	99.75
11/04/2023 06:25:00	7.04	0.00	31.73	99.73

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)
11/04/2023 06:30:00	7.23	0.00	31.59	99.75
11/04/2023 06:35:00	6.85	0.00	31.41	99.76
11/04/2023 06:40:00	6.74	0.00	31.29	99.76
11/04/2023 06:45:00	6.16	0.00	30.36	99.76
11/04/2023 06:50:00	5.97	0.00	30.22	99.78
11/04/2023 06:55:00	6.71	0.00	30.99	99.78
11/04/2023 07:00:00	6.93	0.00	30.24	99.78
11/04/2023 07:05:00	5.55	0.00	29.78	99.79
11/04/2023 07:10:00	6.46	0.00	29.62	99.81
11/04/2023 07:15:00	5.71	0.00	30.08	99.81
11/04/2023 07:20:00	5.78	0.00	29.95	99.82
11/04/2023 07:25:00	5.25	0.00	30.08	99.83
11/04/2023 07:30:00	5.25	0.00	29.18	99.83
11/04/2023 07:35:00	4.41	0.00	29.31	99.84
11/04/2023 07:40:00	5.74	0.00	29.76	99.84
11/04/2023 07:45:00	5.23	0.00	29.34	99.85
11/04/2023 07:50:00	4.74	0.00	29.46	99.86
11/04/2023 07:55:00	4.20	0.00	28.53	99.85
11/04/2023 08:00:00	4.53	0.00	28.99	99.84
11/04/2023 08:05:00	3.83	0.00	29.18	99.86
11/04/2023 08:10:00	5.36	0.00	28.85	99.87
11/04/2023 08:15:00	4.46	0.00	28.85	99.87
11/04/2023 08:20:00	4.88	0.00	28.55	99.87
11/04/2023 08:25:00	3.97	0.00	29.02	99.88
11/04/2023 08:30:00	4.72	0.00	28.55	99.89
11/04/2023 08:35:00	4.02	0.00	28.11	99.91
11/04/2023 08:40:00	4.76	0.00	28.69	99.92
11/04/2023 08:45:00	4.23	0.00	28.08	99.92
11/04/2023 08:50:00	4.25	0.00	28.40	99.91
11/04/2023 08:55:00	3.72	0.00	28.27	99.90
11/04/2023 09:00:00	3.18	0.00	27.78	99.91
11/04/2023 09:05:00	45.96	0.00	28.11	99.91
11/04/2023 09:10:00	8.29	0.00	28.40	99.92
11/04/2023 09:15:00	8.42	0.00	27.66	99.92
11/04/2023 09:20:00	63.09	0.00	28.11	99.93
11/04/2023 09:25:00	22.99	0.00	28.40	99.93
11/04/2023 09:30:00	41.92	0.00	27.97	99.93
11/04/2023 09:35:00	15.32	0.00	28.27	99.91
11/04/2023 09:40:00	9.27	0.00	27.50	99.90
11/04/2023 09:45:00	3.25	0.00	27.82	99.89
11/04/2023 09:50:00	3.56	0.00	27.64	99.90
11/04/2023 09:55:00	2.98	0.00	28.11	99.90
11/04/2023 10:00:00	2.88	0.00	28.11	99.90
11/04/2023 10:05:00	3.36	0.00	27.95	99.89
11/04/2023 10:10:00	4.00	0.00	27.97	99.88
11/04/2023 10:15:00	2.60	0.00	27.50	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)
11/04/2023 10:20:00	2.94	0.00	27.34	99.90
11/04/2023 10:25:00	2.85	0.00	27.48	99.89
11/04/2023 10:30:00	2.46	0.00	27.50	99.88
11/04/2023 10:35:00	3.43	0.00	27.97	99.88
11/04/2023 10:40:00	2.67	0.00	27.95	99.87
11/04/2023 10:45:00	2.60	0.00	27.62	99.86
11/04/2023 10:50:00	2.83	0.00	27.64	99.86
11/04/2023 10:55:00	2.60	0.00	27.66	99.87
11/04/2023 11:00:00	2.69	0.00	27.78	99.84
11/04/2023 11:05:00	2.62	0.00	27.95	99.84
11/04/2023 11:10:00	1.83	0.00	27.18	99.84
11/04/2023 11:15:00	2.37	0.00	27.36	99.84
11/04/2023 11:20:00	2.11	0.00	27.66	99.84
11/04/2023 11:25:00	1.95	0.00	27.50	99.82
11/04/2023 11:30:00	1.81	0.00	27.95	99.82
11/04/2023 11:35:00	2.11	0.00	27.34	99.80
11/04/2023 11:40:00	2.34	0.00	27.34	99.80
11/04/2023 11:45:00	2.25	0.00	27.80	99.78
11/04/2023 11:50:00	2.04	0.00	28.08	99.76
11/04/2023 11:55:00	2.07	0.00	27.48	99.75
11/04/2023 12:00:00	2.72	0.00	27.48	99.75
11/04/2023 12:05:00	1.95	0.00	27.95	99.75
11/04/2023 12:10:00	1.90	0.00	28.08	99.74
11/04/2023 12:15:00	2.02	0.00	27.48	99.73
11/04/2023 12:20:00	2.18	0.00	27.48	99.71
11/04/2023 12:25:00	1.79	0.00	27.48	99.69
11/04/2023 12:30:00	2.30	0.00	27.95	99.69
11/04/2023 12:35:00	1.69	0.00	27.80	99.69
11/04/2023 12:40:00	1.98	0.00	28.24	99.68
11/04/2023 12:45:00	2.07	0.00	27.48	99.67
11/04/2023 12:50:00	1.90	0.00	28.08	99.66
11/04/2023 12:55:00	1.49	0.00	28.34	99.66
11/04/2023 13:00:00	1.90	0.00	27.48	99.66
11/04/2023 13:05:00	1.85	0.00	27.95	99.64
11/04/2023 13:10:00	1.98	0.00	28.08	99.63
11/04/2023 13:15:00	1.83	0.00	28.38	99.63
11/04/2023 13:20:00	1.58	0.00	27.62	99.59
11/04/2023 13:25:00	1.69	0.00	27.80	99.60
11/04/2023 13:30:00	2.04	0.00	28.24	99.58
11/04/2023 13:35:00	1.41	0.00	28.24	99.56
11/04/2023 13:40:00	1.34	0.00	28.38	99.55
11/04/2023 13:45:00	2.20	0.00	28.24	99.54
11/04/2023 13:50:00	1.37	0.00	27.92	99.53
11/04/2023 13:55:00	1.65	0.00	28.08	99.54
11/04/2023 14:00:00	1.85	0.00	27.78	99.52
11/04/2023 14:05:00	1.32	0.00	27.80	99.52

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)
11/04/2023 14:10:00	107.89	72,739.76	28.24	99.48
11/04/2023 14:15:00	12.80	67,879.76	34.78	99.53
11/04/2023 14:20:00	14.44	149,317.16	39.03	99.46
11/04/2023 14:25:00	16.50	155,710.69	39.64	99.44
11/04/2023 14:30:00	20.76	142,732.89	41.94	99.51
11/04/2023 14:35:00	21.64	133,897.92	43.92	99.46
11/04/2023 14:40:00	25.43	124,895.09	46.05	99.50
11/04/2023 14:45:00	25.76	141,222.25	49.26	99.51
11/04/2023 14:50:00	22.83	128,709.85	50.47	99.49
11/04/2023 14:55:00	31.96	133,318.06	52.15	99.51
11/04/2023 15:00:00	34.22	138,941.02	55.10	99.49
11/04/2023 15:05:00	33.87	129,015.03	56.28	99.47
11/04/2023 15:10:00	35.31	124,895.09	58.59	99.53
11/04/2023 15:15:00	33.89	123,498.89	59.05	99.48
11/04/2023 15:20:00	35.73	133,897.92	61.03	99.50
11/04/2023 15:25:00	38.57	144,846.27	61.03	99.51
11/04/2023 15:30:00	40.35	0.00	62.40	99.54
11/04/2023 15:35:00	47.26	128,336.00	62.38	99.54
11/04/2023 15:40:00	32.82	132,219.42	65.00	99.54
11/04/2023 15:45:00	44.63	122,735.94	64.98	99.54
11/04/2023 15:50:00	40.66	0.00	67.42	99.51
11/04/2023 15:55:00	43.47	126,405.74	66.35	99.58
11/04/2023 16:00:00	47.36	122,896.16	69.09	99.52
11/04/2023 16:05:00	42.47	127,756.16	69.26	99.55
11/04/2023 16:10:00	42.15	124,711.99	68.02	99.51
11/04/2023 16:15:00	37.48	127,290.76	68.47	99.57
11/04/2023 16:20:00	40.54	132,478.83	67.09	99.51
11/04/2023 16:25:00	39.89	127,756.16	68.91	99.49
11/04/2023 16:30:00	39.35	129,900.05	68.33	99.56
11/04/2023 16:35:00	41.21	123,941.41	70.61	99.54
11/04/2023 16:40:00	40.47	119,104.30	69.05	99.52
11/04/2023 16:45:00	39.73	139,940.48	68.15	99.52
11/04/2023 16:50:00	38.28	57,549.40	68.31	99.52
11/04/2023 16:55:00	41.17	32,623.79	69.07	99.64
11/04/2023 17:00:00	28.52	21,690.70	63.42	99.57
11/04/2023 17:05:00	22.22	21,713.59	55.35	99.56
11/04/2023 17:10:00	25.45	18,783.86	51.93	99.57
11/04/2023 17:15:00	29.13	20,782.79	51.66	99.55
11/04/2023 17:20:00	18.81	17,898.83	49.08	99.55
11/04/2023 17:25:00	16.20	20,782.79	47.68	99.55
11/04/2023 17:30:00	16.75	18,043.79	46.47	99.53
11/04/2023 17:35:00	15.85	0.00	47.10	99.54
11/04/2023 17:40:00	12.83	17,647.06	44.80	99.54
11/04/2023 17:45:00	14.13	19,417.11	44.01	99.54
11/04/2023 17:50:00	15.22	19,272.14	43.40	99.55
11/04/2023 17:55:00	12.73	16,830.70	42.52	99.56

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)
11/04/2023 18:00:00	13.24	17,296.10	43.29	99.55
11/04/2023 18:05:00	12.55	19,272.14	42.82	99.56
11/04/2023 18:10:00	11.37	19,272.14	41.01	99.56
11/04/2023 18:15:00	10.67	17,135.88	41.45	99.56
11/04/2023 18:20:00	12.34	18,509.19	41.59	99.58
11/04/2023 18:25:00	10.97	16,342.41	40.36	99.60
11/04/2023 18:30:00	9.18	15,762.57	39.78	99.59
11/04/2023 18:35:00	9.22	18,066.68	39.17	99.60
11/04/2023 18:40:00	10.51	13,969.63	39.92	99.60
11/04/2023 18:45:00	9.44	17,929.35	39.92	99.63
11/04/2023 18:50:00	10.27	14,091.71	38.70	99.63
11/04/2023 18:55:00	8.48	15,945.68	37.96	99.64
11/04/2023 19:00:00	9.18	16,273.75	38.74	99.64
11/04/2023 19:05:00	8.02	15,945.68	38.87	99.61
11/04/2023 19:10:00	8.71	16,853.59	38.27	99.64
11/04/2023 19:15:00	9.13	15,945.68	37.80	99.64
11/04/2023 19:20:00	8.27	0.00	37.94	99.65
11/04/2023 19:25:00	8.88	15,808.35	36.61	99.64
11/04/2023 19:30:00	8.48	13,809.41	36.45	99.66
11/04/2023 19:35:00	6.87	11,833.37	37.19	99.67
11/04/2023 19:40:00	7.32	13,878.08	35.68	99.65
11/04/2023 19:45:00	6.85	13,504.23	36.43	99.67
11/04/2023 19:50:00	7.23	14,900.43	35.83	99.69
11/04/2023 19:55:00	8.42	14,137.48	36.45	99.69
11/04/2023 20:00:00	6.58	12,603.95	35.68	99.69
11/04/2023 20:05:00	6.53	12,138.55	34.75	99.69
11/04/2023 20:10:00	7.76	12,458.99	36.13	99.70
11/04/2023 20:15:00	6.32	12,764.17	35.99	99.72
11/04/2023 20:20:00	6.55	0.00	35.39	99.71
11/04/2023 20:25:00	7.34	11,367.97	34.45	99.73
11/04/2023 20:30:00	6.95	12,138.55	34.62	99.72
11/04/2023 20:35:00	6.16	10,322.73	34.62	99.73
11/04/2023 20:40:00	7.18	11,085.68	34.01	99.73
11/04/2023 20:45:00	6.20	13,366.90	34.64	99.75
11/04/2023 20:50:00	7.80	10,788.13	35.24	99.75
11/04/2023 20:55:00	6.69	11,528.19	33.55	99.75
11/04/2023 21:00:00	6.25	11,551.08	33.57	99.75
11/04/2023 21:05:00	6.04	0.00	33.85	99.76
11/04/2023 21:10:00	7.29	11,253.53	33.71	99.78
11/04/2023 21:15:00	7.69	9,834.44	34.34	99.78
11/04/2023 21:20:00	6.53	10,154.88	34.01	99.78
11/04/2023 21:25:00	5.32	9,109.64	32.78	99.78
11/04/2023 21:30:00	6.32	9,132.52	32.97	99.81
11/04/2023 21:35:00	6.42	10,482.95	32.94	99.80
11/04/2023 21:40:00	5.32	11,230.64	33.24	99.80
11/04/2023 21:45:00	5.34	10,040.44	33.90	99.81

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)
11/04/2023 21:50:00	5.67	0.00	32.64	99.81
11/04/2023 21:55:00	5.58	11,856.26	33.85	99.81
11/04/2023 22:00:00	4.18	10,696.57	32.33	99.79
11/04/2023 22:05:00	5.23	9,414.82	32.64	99.81
11/04/2023 22:10:00	5.81	0.00	33.41	99.82
11/04/2023 22:15:00	4.95	0.00	32.64	99.82
11/04/2023 22:20:00	4.34	0.00	32.50	99.82
11/04/2023 22:25:00	6.32	0.00	32.36	99.81
11/04/2023 22:30:00	6.18	0.00	32.20	99.81
11/04/2023 22:35:00	5.16	9,254.60	32.33	99.78
11/04/2023 22:40:00	19.08	50,621.81	38.12	99.84
11/04/2023 22:45:00	22.20	48,783.09	48.33	99.75
11/04/2023 22:50:00	23.20	0.00	49.71	99.84
11/04/2023 22:55:00	27.22	141,687.66	50.93	99.81
11/04/2023 23:00:00	27.82	150,988.02	49.40	99.85
11/04/2023 23:05:00	29.36	147,638.67	49.55	99.81
11/04/2023 23:10:00	22.71	146,036.47	50.64	99.86
11/04/2023 23:15:00	27.99	150,339.52	51.08	99.84
11/04/2023 23:20:00	27.24	154,200.05	51.24	99.84
11/04/2023 23:25:00	32.91	148,386.36	52.50	99.90
11/04/2023 23:30:00	28.71	152,666.52	52.93	99.82
11/04/2023 23:35:00	29.98	145,014.11	54.17	99.80
11/04/2023 23:40:00	32.08	125,803.01	55.37	99.85
11/04/2023 23:45:00	36.35	143,480.58	55.54	99.86
11/04/2023 23:50:00	33.31	130,899.52	56.92	99.86
11/04/2023 23:55:00	31.73	135,851.06	56.75	99.90