



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: 13/04/2023

Tới: 13/04/2023

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)
13/04/2023 00:00:00	32.68	131,921.88	56.92	99.94
13/04/2023 00:05:00	28.54	139,826.05	56.15	99.83
13/04/2023 00:10:00	34.42	125,291.83	57.50	99.83
13/04/2023 00:15:00	35.91	139,200.44	57.19	99.84
13/04/2023 00:20:00	33.24	132,944.23	58.24	99.80
13/04/2023 00:25:00	34.98	130,037.38	58.59	99.79
13/04/2023 00:30:00	33.10	130,197.60	59.49	99.84
13/04/2023 00:35:00	33.78	138,597.70	60.10	99.86
13/04/2023 00:40:00	38.64	135,248.34	59.63	99.83
13/04/2023 00:45:00	40.35	130,830.85	61.14	99.84
13/04/2023 00:50:00	40.33	116,617.07	60.87	99.83
13/04/2023 00:55:00	38.86	127,290.76	62.68	99.84
13/04/2023 01:00:00	39.33	130,060.27	61.75	99.83
13/04/2023 01:05:00	37.38	0.00	61.94	99.84
13/04/2023 01:10:00	39.64	128,503.85	62.36	99.84
13/04/2023 01:15:00	35.52	143,129.62	62.33	99.88
13/04/2023 01:20:00	38.28	135,225.45	61.75	99.82
13/04/2023 01:25:00	37.84	124,574.65	61.94	99.84
13/04/2023 01:30:00	40.05	137,499.05	63.12	99.75
13/04/2023 01:35:00	31.38	127,756.16	63.73	99.80
13/04/2023 01:40:00	52.56	125,757.23	62.36	99.80
13/04/2023 01:45:00	39.77	136,125.73	63.58	99.81
13/04/2023 01:50:00	36.06	139,360.66	63.45	99.78
13/04/2023 01:55:00	38.89	115,686.27	64.35	99.73
13/04/2023 02:00:00	44.68	130,342.57	65.12	99.77
13/04/2023 02:05:00	38.19	139,803.16	65.12	99.75
13/04/2023 02:10:00	43.66	135,248.34	64.19	99.75
13/04/2023 02:15:00	34.98	140,711.06	62.05	99.76
13/04/2023 02:20:00	36.87	130,174.72	62.21	99.76
13/04/2023 02:25:00	33.89	131,242.84	61.61	99.83
13/04/2023 02:30:00	33.57	139,963.38	59.30	99.70
13/04/2023 02:35:00	35.24	130,174.72	58.70	99.71
13/04/2023 02:40:00	33.47	135,385.67	56.89	99.79
13/04/2023 02:45:00	30.96	154,757.00	57.63	99.68
13/04/2023 02:50:00	30.98	0.00	55.63	99.72
13/04/2023 02:55:00	31.57	144,686.05	53.96	99.69
13/04/2023 03:00:00	29.20	151,544.98	53.22	99.72
13/04/2023 03:05:00	28.45	141,481.66	53.52	99.70
13/04/2023 03:10:00	27.76	160,570.69	51.06	99.68

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)
13/04/2023 03:15:00	28.34	140,245.67	51.80	99.69
13/04/2023 03:20:00	26.61	130,479.90	51.66	99.66
13/04/2023 03:25:00	22.59	129,083.70	51.19	99.73
13/04/2023 03:30:00	24.61	149,294.27	51.68	99.73
13/04/2023 03:35:00	24.27	138,109.41	51.64	99.73
13/04/2023 03:40:00	28.50	136,591.12	51.33	99.74
13/04/2023 03:45:00	26.31	145,616.84	51.03	99.69
13/04/2023 03:50:00	28.11	132,478.83	51.19	99.62
13/04/2023 03:55:00	25.69	149,317.16	50.45	99.78
13/04/2023 04:00:00	23.85	145,311.67	51.66	99.74
13/04/2023 04:05:00	24.12	139,940.48	51.19	99.71
13/04/2023 04:10:00	27.92	140,108.34	51.80	99.74
13/04/2023 04:15:00	28.20	122,735.94	51.66	99.78
13/04/2023 04:20:00	28.54	139,032.58	51.82	99.81
13/04/2023 04:25:00	25.59	150,499.73	51.82	99.73
13/04/2023 04:30:00	24.80	149,568.94	51.82	99.78
13/04/2023 04:35:00	28.15	0.00	51.22	99.76
13/04/2023 04:40:00	33.29	146,829.94	51.99	99.72
13/04/2023 04:45:00	27.59	146,059.36	52.77	99.72
13/04/2023 04:50:00	30.64	140,939.95	53.54	99.79
13/04/2023 04:55:00	31.01	141,504.55	53.38	99.72
13/04/2023 05:00:00	31.38	143,640.80	53.40	99.78
13/04/2023 05:05:00	27.54	139,826.05	54.59	99.75
13/04/2023 05:10:00	27.76	123,201.34	54.92	99.73
13/04/2023 05:15:00	35.57	133,707.19	56.73	99.78
13/04/2023 05:20:00	30.03	142,549.78	57.19	99.78
13/04/2023 05:25:00	31.75	128,824.29	55.50	99.79
13/04/2023 05:30:00	30.43	118,593.12	56.89	99.77
13/04/2023 05:35:00	33.31	127,733.27	55.63	99.78
13/04/2023 05:40:00	34.04	147,264.81	54.73	99.75
13/04/2023 05:45:00	27.01	153,223.47	53.19	99.74
13/04/2023 05:50:00	26.27	151,712.83	52.29	99.79
13/04/2023 05:55:00	28.92	107,919.43	52.91	99.78
13/04/2023 06:00:00	22.45	86,221.10	52.10	99.80
13/04/2023 06:05:00	24.25	39,414.05	53.68	99.78
13/04/2023 06:10:00	22.52	34,554.06	53.70	99.86
13/04/2023 06:15:00	27.80	41,206.99	57.03	99.78
13/04/2023 06:20:00	31.36	0.00	57.66	99.84
13/04/2023 06:25:00	19.32	20,950.64	50.59	99.84
13/04/2023 06:30:00	13.99	17,296.10	44.69	99.86
13/04/2023 06:35:00	14.62	18,692.30	43.89	99.88
13/04/2023 06:40:00	13.92	15,785.46	42.66	99.86
13/04/2023 06:45:00	9.99	16,250.86	40.87	99.84
13/04/2023 06:50:00	11.73	16,830.70	41.15	99.85
13/04/2023 06:55:00	13.24	15,457.39	40.38	99.86
13/04/2023 07:00:00	9.99	15,342.95	39.50	99.87
13/04/2023 07:05:00	10.39	13,061.72	38.74	99.88
13/04/2023 07:10:00	9.69	15,785.46	39.03	99.87
13/04/2023 07:15:00	7.93	16,090.64	38.87	99.88
13/04/2023 07:20:00	8.83	13,603.42	37.66	99.88
13/04/2023 07:25:00	8.20	10,299.84	37.96	99.88
13/04/2023 07:30:00	7.87	15,022.51	36.99	99.88
13/04/2023 07:35:00	7.90	13,694.97	36.45	99.89

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)
13/04/2023 07:40:00	6.78	14,274.81	36.29	99.88
13/04/2023 07:45:00	7.34	13,672.08	36.13	99.89
13/04/2023 07:50:00	9.13	14,274.81	36.15	99.90
13/04/2023 07:55:00	6.65	12,436.10	36.43	99.89
13/04/2023 08:00:00	7.51	12,138.55	35.22	99.89
13/04/2023 08:05:00	6.76	0.00	35.97	99.90
13/04/2023 08:10:00	6.44	11,673.15	34.45	99.87
13/04/2023 08:15:00	6.87	13,672.08	34.15	99.90
13/04/2023 08:20:00	6.27	12,298.77	35.52	99.92
13/04/2023 08:25:00	6.44	10,185.40	34.64	99.93
13/04/2023 08:30:00	5.55	11,482.41	34.15	99.93
13/04/2023 08:35:00	6.13	12,603.95	34.92	99.92
13/04/2023 08:40:00	5.58	14,274.81	34.45	99.92
13/04/2023 08:45:00	4.69	12,138.55	34.32	99.92
13/04/2023 08:50:00	5.53	9,552.15	34.78	99.93
13/04/2023 08:55:00	6.11	11,528.19	34.45	99.90
13/04/2023 09:00:00	6.25	0.00	32.94	99.91
13/04/2023 09:05:00	6.20	9,697.11	33.22	99.90
13/04/2023 09:10:00	4.92	12,741.28	33.55	99.91
13/04/2023 09:15:00	5.58	11,718.93	33.71	99.91
13/04/2023 09:20:00	5.25	10,482.95	33.88	99.90
13/04/2023 09:25:00	5.51	10,017.55	32.50	99.90
13/04/2023 09:30:00	5.11	10,345.62	32.80	99.90
13/04/2023 09:35:00	5.97	0.00	33.41	99.93
13/04/2023 09:40:00	5.76	10,345.62	33.57	99.93
13/04/2023 09:45:00	6.42	0.00	32.50	99.91
13/04/2023 09:50:00	6.07	0.00	32.50	99.89
13/04/2023 09:55:00	4.74	10,208.29	32.06	99.90
13/04/2023 10:00:00	6.74	10,505.84	31.57	99.89
13/04/2023 10:05:00	5.55	0.00	31.29	99.89
13/04/2023 10:10:00	4.04	9,880.22	31.57	99.89
13/04/2023 10:15:00	5.13	9,552.15	32.04	99.87
13/04/2023 10:20:00	3.27	10,574.50	32.04	99.86
13/04/2023 10:25:00	3.97	0.00	31.73	99.86
13/04/2023 10:30:00	4.62	10,040.44	31.46	99.86
13/04/2023 10:35:00	4.18	0.00	32.04	99.84
13/04/2023 10:40:00	4.58	8,834.97	31.73	99.84
13/04/2023 10:45:00	5.09	0.00	31.43	99.84
13/04/2023 10:50:00	4.16	0.00	31.71	99.83
13/04/2023 10:55:00	5.23	9,277.49	31.59	99.81
13/04/2023 11:00:00	3.92	0.00	31.59	99.79
13/04/2023 11:05:00	5.23	0.00	30.97	99.79
13/04/2023 11:10:00	4.62	0.00	30.82	99.78
13/04/2023 11:15:00	5.46	0.00	31.29	99.78
13/04/2023 11:20:00	3.69	0.00	30.99	99.75
13/04/2023 11:25:00	4.30	10,040.44	31.27	99.75
13/04/2023 11:30:00	4.02	0.00	30.66	99.75
13/04/2023 11:35:00	4.00	0.00	30.66	99.73
13/04/2023 11:40:00	4.02	0.00	30.80	99.73
13/04/2023 11:45:00	4.23	9,437.71	31.43	99.73
13/04/2023 11:50:00	4.51	11,390.86	30.66	99.72
13/04/2023 11:55:00	13.62	93,011.37	35.39	99.66
13/04/2023 12:00:00	19.90	90,409.70	41.80	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)
13/04/2023 12:05:00	17.52	91,645.69	44.08	99.66
13/04/2023 12:10:00	18.32	75,944.15	45.45	99.70
13/04/2023 12:15:00	18.57	91,500.72	45.15	99.75
13/04/2023 12:20:00	20.66	148,523.69	43.89	99.70
13/04/2023 12:25:00	23.34	138,918.14	44.98	99.71
13/04/2023 12:30:00	27.52	132,082.09	45.59	99.63
13/04/2023 12:35:00	25.43	135,568.78	48.66	99.67
13/04/2023 12:40:00	27.20	128,412.30	50.03	99.69
13/04/2023 12:45:00	25.87	126,573.59	52.15	99.66
13/04/2023 12:50:00	31.66	136,644.55	53.54	99.63
13/04/2023 12:55:00	30.59	133,127.34	55.26	99.63
13/04/2023 13:00:00	36.73	132,593.27	56.61	99.69
13/04/2023 13:05:00	36.96	132,387.27	56.47	99.54
13/04/2023 13:10:00	31.64	122,453.65	57.38	99.63
13/04/2023 13:15:00	37.01	126,916.91	59.21	99.54
13/04/2023 13:20:00	36.66	0.00	58.94	99.59
13/04/2023 13:25:00	36.33	127,641.72	60.43	99.62
13/04/2023 13:30:00	38.59	136,942.09	59.38	99.63
13/04/2023 13:35:00	35.26	123,033.49	60.87	99.55
13/04/2023 13:40:00	43.77	130,685.89	60.87	99.58
13/04/2023 13:45:00	36.03	132,806.91	60.26	99.57
13/04/2023 13:50:00	43.75	120,454.72	61.33	99.57
13/04/2023 13:55:00	32.49	128,244.45	61.33	99.60
13/04/2023 14:00:00	41.08	129,335.47	61.33	99.61
13/04/2023 14:05:00	37.91	138,757.92	60.87	99.52
13/04/2023 14:10:00	32.80	119,989.32	61.17	99.53
13/04/2023 14:15:00	39.40	141,222.25	62.52	99.52
13/04/2023 14:20:00	39.68	144,083.31	61.31	99.54
13/04/2023 14:25:00	36.24	147,173.27	61.78	99.54
13/04/2023 14:30:00	35.29	151,873.05	62.26	99.49
13/04/2023 14:35:00	40.10	138,757.92	62.05	99.51
13/04/2023 14:40:00	38.31	131,242.84	61.45	99.52
13/04/2023 14:45:00	37.59	144,388.48	61.01	99.56
13/04/2023 14:50:00	35.93	130,365.45	60.40	99.50
13/04/2023 14:55:00	34.91	149,736.78	60.54	99.47
13/04/2023 15:00:00	31.29	146,524.77	60.07	99.49
13/04/2023 15:05:00	34.80	0.00	61.14	99.52
13/04/2023 15:10:00	43.21	129,129.47	62.36	99.49
13/04/2023 15:15:00	40.42	127,130.54	61.45	99.46
13/04/2023 15:20:00	41.01	125,780.12	61.91	99.49
13/04/2023 15:25:00	33.78	119,943.54	63.12	99.44
13/04/2023 15:30:00	43.52	127,618.83	62.54	99.51
13/04/2023 15:35:00	40.03	124,826.43	64.05	99.44
13/04/2023 15:40:00	37.26	136,293.58	62.82	99.42
13/04/2023 15:45:00	37.80	130,197.60	62.38	99.47
13/04/2023 15:50:00	44.50	130,197.60	62.52	99.43
13/04/2023 15:55:00	37.48	132,944.23	63.42	99.48
13/04/2023 16:00:00	38.38	125,131.61	63.42	99.47
13/04/2023 16:05:00	43.12	127,893.49	63.12	99.40
13/04/2023 16:10:00	35.84	120,668.35	63.10	99.46
13/04/2023 16:15:00	35.68	119,501.03	63.56	99.45
13/04/2023 16:20:00	37.08	129,129.47	64.19	99.48
13/04/2023 16:25:00	33.01	132,616.16	63.58	99.53

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)
13/04/2023 16:30:00	37.10	147,409.78	64.03	99.43
13/04/2023 16:35:00	44.43	141,481.66	64.05	99.42
13/04/2023 16:40:00	38.54	89,898.53	63.70	99.46
13/04/2023 16:45:00	32.59	30,388.34	63.12	99.45
13/04/2023 16:50:00	49.30	0.00	57.79	99.44
13/04/2023 16:55:00	18.88	20,485.24	52.45	99.46
13/04/2023 17:00:00	51.87	18,066.68	50.15	99.46
13/04/2023 17:05:00	20.97	18,974.59	48.17	99.46
13/04/2023 17:10:00	17.20	19,295.03	47.57	99.45
13/04/2023 17:15:00	16.37	18,509.19	45.08	99.45
13/04/2023 17:20:00	16.11	17,158.77	44.20	99.46
13/04/2023 17:25:00	11.95	17,601.28	44.96	99.45
13/04/2023 17:30:00	15.06	20,805.68	44.03	99.46
13/04/2023 17:35:00	12.41	17,601.28	43.73	99.46
13/04/2023 17:40:00	11.18	17,761.50	42.66	99.46
13/04/2023 17:45:00	11.02	19,439.99	41.76	99.46
13/04/2023 17:50:00	12.02	17,158.77	41.92	99.47
13/04/2023 17:55:00	11.06	20,340.28	41.01	99.48
13/04/2023 18:00:00	11.22	16,693.37	41.47	99.47
13/04/2023 18:05:00	8.60	17,021.44	40.85	99.48
13/04/2023 18:10:00	10.11	18,387.12	39.17	99.48
13/04/2023 18:15:00	10.22	16,853.59	39.50	99.48
13/04/2023 18:20:00	10.97	13,229.57	39.80	99.49
13/04/2023 18:25:00	9.62	17,021.44	38.27	99.50
13/04/2023 18:30:00	8.80	17,021.44	39.34	99.50
13/04/2023 18:35:00	9.11	0.00	38.87	99.52
13/04/2023 18:40:00	8.74	13,649.20	38.70	99.51
13/04/2023 18:45:00	7.29	15,648.13	37.80	99.52
13/04/2023 18:50:00	8.55	14,808.88	38.27	99.52
13/04/2023 18:55:00	8.09	14,580.00	37.96	99.53
13/04/2023 19:00:00	8.97	14,740.22	36.29	99.53
13/04/2023 19:05:00	8.69	14,740.22	37.36	99.52
13/04/2023 19:10:00	7.78	15,648.13	36.29	99.53
13/04/2023 19:15:00	7.93	13,206.68	37.19	99.52
13/04/2023 19:20:00	8.58	13,504.23	37.03	99.54
13/04/2023 19:25:00	6.69	16,411.08	35.85	99.54
13/04/2023 19:30:00	8.22	12,878.61	35.52	99.54
13/04/2023 19:35:00	6.32	14,991.99	35.22	99.53
13/04/2023 19:40:00	6.81	14,137.48	36.13	99.56
13/04/2023 19:45:00	6.34	13,969.63	36.26	99.55
13/04/2023 19:50:00	7.51	12,603.95	35.99	99.58
13/04/2023 19:55:00	6.53	14,877.55	35.66	99.57
13/04/2023 20:00:00	6.83	12,901.50	35.52	99.58
13/04/2023 20:05:00	38.84	75,921.26	38.85	99.64
13/04/2023 20:10:00	24.69	153,620.20	48.00	99.59
13/04/2023 20:15:00	30.82	145,014.11	51.24	99.63
13/04/2023 20:20:00	29.31	0.00	51.38	99.68
13/04/2023 20:25:00	30.96	98,039.22	53.40	99.64
13/04/2023 20:30:00	25.03	82,619.97	54.92	99.66
13/04/2023 20:35:00	29.92	99,366.75	54.45	99.69
13/04/2023 20:40:00	31.78	142,732.89	52.64	99.66
13/04/2023 20:45:00	25.59	119,249.26	54.01	99.65
13/04/2023 20:50:00	32.66	124,269.47	53.86	99.70

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)
13/04/2023 20:55:00	31.20	137,827.12	56.73	99.73
13/04/2023 21:00:00	29.64	142,107.27	57.19	99.66
13/04/2023 21:05:00	33.29	144,388.48	57.03	99.78
13/04/2023 21:10:00	30.15	123,964.29	56.75	99.64
13/04/2023 21:15:00	29.54	131,433.59	57.19	99.78
13/04/2023 21:20:00	37.33	130,220.49	58.72	99.78
13/04/2023 21:25:00	44.84	125,040.05	58.28	99.75
13/04/2023 21:30:00	31.15	126,993.21	58.26	99.85
13/04/2023 21:35:00	38.80	131,898.98	59.03	99.79
13/04/2023 21:40:00	31.52	118,760.97	59.77	99.74
13/04/2023 21:45:00	47.91	136,453.80	59.49	99.75
13/04/2023 21:50:00	33.68	131,128.41	59.33	99.78
13/04/2023 21:55:00	32.87	125,474.94	59.79	99.77
13/04/2023 22:00:00	37.38	126,382.85	59.17	99.78
13/04/2023 22:05:00	33.80	0.00	58.40	99.84
13/04/2023 22:10:00	31.45	127,016.10	58.87	99.77
13/04/2023 22:15:00	34.87	134,966.05	57.79	99.78
13/04/2023 22:20:00	29.73	140,268.56	58.87	99.79
13/04/2023 22:25:00	37.13	128,061.34	58.59	99.75
13/04/2023 22:30:00	37.42	136,736.09	59.47	99.73
13/04/2023 22:35:00	35.49	129,755.09	60.40	99.70
13/04/2023 22:40:00	40.19	113,412.68	61.61	99.73
13/04/2023 22:45:00	37.13	50,247.96	62.38	99.84
13/04/2023 22:50:00	36.55	29,205.77	62.56	99.76
13/04/2023 22:55:00	21.99	20,340.28	56.45	99.77
13/04/2023 23:00:00	19.27	18,532.08	50.45	99.76
13/04/2023 23:05:00	106.40	18,066.68	49.10	99.75
13/04/2023 23:10:00	23.57	17,296.10	47.73	99.75
13/04/2023 23:15:00	17.22	18,066.68	46.03	99.74
13/04/2023 23:20:00	14.66	18,364.23	44.20	99.72
13/04/2023 23:25:00	13.13	18,226.90	43.73	99.70
13/04/2023 23:30:00	11.78	18,997.48	42.98	99.70
13/04/2023 23:35:00	11.20	18,249.79	42.40	99.69
13/04/2023 23:40:00	12.31	17,158.77	41.47	99.70
13/04/2023 23:45:00	12.86	17,021.44	41.47	99.70
13/04/2023 23:50:00	11.55	0.00	40.38	99.68
13/04/2023 23:55:00	9.29	15,785.46	40.41	99.68