



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: 25/03/2023

Tới: 25/03/2023

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)
25/03/2023 00:00:00	51.47	0.00	89.49	99.84
25/03/2023 00:05:00	56.86	227,359.44	89.62	99.83
25/03/2023 00:10:00	66.72	230,403.59	89.18	99.82
25/03/2023 00:15:00	58.91	231,311.52	90.42	99.77
25/03/2023 00:20:00	53.35	233,150.23	88.56	99.85
25/03/2023 00:25:00	66.97	229,335.47	87.05	99.87
25/03/2023 00:30:00	65.14	231,311.52	88.56	99.86
25/03/2023 00:35:00	58.65	229,472.80	87.02	99.83
25/03/2023 00:40:00	52.23	236,331.73	85.82	99.80
25/03/2023 00:45:00	63.58	220,775.16	85.82	99.79
25/03/2023 00:50:00	41.43	221,843.30	88.40	99.82
25/03/2023 00:55:00	55.75	223,193.70	87.91	99.86
25/03/2023 01:00:00	60.84	232,051.58	87.46	99.73
25/03/2023 01:05:00	49.10	229,144.73	85.63	99.78
25/03/2023 01:10:00	57.79	228,244.45	84.28	99.78
25/03/2023 01:15:00	63.07	232,333.88	86.98	99.75
25/03/2023 01:20:00	47.38	224,261.84	85.95	99.87
25/03/2023 01:25:00	60.33	239,215.69	86.23	99.78
25/03/2023 01:30:00	65.81	234,195.47	84.58	99.72
25/03/2023 01:35:00	60.79	228,244.45	86.11	99.78
25/03/2023 01:40:00	68.09	243,167.77	85.79	99.78
25/03/2023 01:45:00	56.98	0.00	87.46	99.76
25/03/2023 01:50:00	59.49	229,243.92	85.95	99.75
25/03/2023 01:55:00	56.05	229,587.23	86.86	99.75
25/03/2023 02:00:00	62.23	232,196.55	86.02	99.73
25/03/2023 02:05:00	59.82	228,709.84	85.05	99.79
25/03/2023 02:10:00	64.86	229,472.80	84.56	99.76
25/03/2023 02:15:00	59.68	223,193.70	87.77	99.69
25/03/2023 02:20:00	47.75	218,036.16	84.89	99.81
25/03/2023 02:25:00	48.33	224,261.84	86.42	99.69
25/03/2023 02:30:00	52.56	221,355.00	85.93	99.73
25/03/2023 02:35:00	55.26	211,291.69	84.28	99.69
25/03/2023 02:40:00	50.35	212,031.73	84.86	99.78
25/03/2023 02:45:00	51.80	214,030.67	83.05	99.76
25/03/2023 02:50:00	58.33	218,150.61	85.93	99.66
25/03/2023 02:55:00	56.82	223,964.30	84.89	99.74
25/03/2023 03:00:00	47.94	223,193.70	83.98	99.71
25/03/2023 03:05:00	50.12	211,589.23	84.56	99.67
25/03/2023 03:10:00	50.26	219,546.81	85.02	99.71
25/03/2023 03:15:00	46.77	222,896.16	83.49	99.75

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)
25/03/2023 03:20:00	52.82	218,547.34	85.79	99.73
25/03/2023 03:25:00	51.42	217,570.77	85.49	99.72
25/03/2023 03:30:00	45.70	0.00	83.05	99.74
25/03/2023 03:35:00	56.75	216,937.52	85.16	99.63
25/03/2023 03:40:00	46.14	214,641.03	83.49	99.74
25/03/2023 03:45:00	58.33	220,103.77	83.79	99.75
25/03/2023 03:50:00	49.68	228,824.30	83.79	99.66
25/03/2023 03:55:00	50.82	225,986.11	83.05	99.75
25/03/2023 04:00:00	62.09	223,659.11	80.14	99.70
25/03/2023 04:05:00	55.28	222,728.31	82.89	99.71
25/03/2023 04:10:00	51.87	227,779.05	83.05	99.72
25/03/2023 04:15:00	52.65	226,848.25	81.51	99.74
25/03/2023 04:20:00	47.26	223,010.61	80.45	99.72
25/03/2023 04:25:00	49.54	221,499.95	82.12	99.77
25/03/2023 04:30:00	50.35	215,403.98	84.40	99.71
25/03/2023 04:35:00	51.29	219,218.73	82.42	99.75
25/03/2023 04:40:00	66.77	217,082.48	84.09	99.77
25/03/2023 04:45:00	50.89	212,031.73	85.02	99.77
25/03/2023 04:50:00	50.77	205,477.98	84.09	99.69
25/03/2023 04:55:00	53.60	211,589.23	84.56	99.77
25/03/2023 05:00:00	52.35	211,123.83	84.25	99.84
25/03/2023 05:05:00	57.56	214,496.06	86.09	99.73
25/03/2023 05:10:00	61.79	210,894.94	84.56	99.81
25/03/2023 05:15:00	55.31	0.00	85.60	99.81
25/03/2023 05:20:00	51.67	216,617.06	86.98	99.85
25/03/2023 05:25:00	58.70	206,408.80	86.40	99.84
25/03/2023 05:30:00	65.97	209,452.95	85.00	99.85
25/03/2023 05:35:00	57.98	211,894.41	86.84	99.84
25/03/2023 05:40:00	55.58	211,451.91	89.28	99.86
25/03/2023 05:45:00	52.63	221,057.45	87.30	99.86
25/03/2023 05:50:00	52.12	219,218.73	88.69	99.84
25/03/2023 05:55:00	53.80	210,986.50	87.16	99.88
25/03/2023 06:00:00	54.80	213,588.16	88.86	99.82
25/03/2023 06:05:00	54.80	210,986.50	89.58	99.85
25/03/2023 06:10:00	61.02	161,242.08	89.58	99.86
25/03/2023 06:15:00	57.11	158,503.09	87.60	99.87
25/03/2023 06:20:00	49.23	119,432.36	85.60	99.88
25/03/2023 06:25:00	47.28	49,248.49	84.72	99.96
25/03/2023 06:30:00	48.58	25,764.86	83.51	99.93
25/03/2023 06:35:00	39.24	19,485.77	79.67	99.93
25/03/2023 06:40:00	70.09	17,830.17	71.63	99.96
25/03/2023 06:45:00	27.92	14,625.77	68.12	99.93
25/03/2023 06:50:00	32.20	14,785.99	68.07	99.93
25/03/2023 06:55:00	28.80	14,183.26	64.31	99.93
25/03/2023 07:00:00	23.99	0.00	61.54	99.93
25/03/2023 07:05:00	23.36	17,090.10	59.59	99.93
25/03/2023 07:10:00	22.20	15,716.79	58.50	99.93
25/03/2023 07:15:00	20.59	15,251.39	58.38	99.93
25/03/2023 07:20:00	21.32	15,274.28	57.31	99.96
25/03/2023 07:25:00	21.90	15,114.06	56.24	99.94
25/03/2023 07:30:00	20.27	15,411.61	53.91	99.95
25/03/2023 07:35:00	18.36	15,899.90	52.89	99.96
25/03/2023 07:40:00	19.39	16,021.97	53.17	99.94
25/03/2023 07:45:00	19.92	15,877.01	51.48	99.95

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)
25/03/2023 07:50:00	17.71	11,619.75	51.19	99.95
25/03/2023 07:55:00	19.10	14,671.55	49.94	99.96
25/03/2023 08:00:00	17.73	16,067.75	50.73	99.97
25/03/2023 08:05:00	17.88	16,205.08	50.26	99.98
25/03/2023 08:10:00	17.24	14,991.99	49.49	99.98
25/03/2023 08:15:00	23.45	17,433.43	48.45	99.98
25/03/2023 08:20:00	15.59	20,622.57	47.98	99.98
25/03/2023 08:25:00	12.44	15,136.95	47.05	99.99
25/03/2023 08:30:00	13.92	15,297.17	47.98	99.99
25/03/2023 08:35:00	12.44	16,853.59	46.64	99.99
25/03/2023 08:40:00	12.83	17,158.77	46.80	99.98
25/03/2023 08:45:00	14.18	0.00	46.49	100.01
25/03/2023 08:50:00	13.27	16,556.04	45.89	100.01
25/03/2023 08:55:00	11.55	15,342.95	46.05	100.01
25/03/2023 09:00:00	12.15	9,834.44	0.00	100.00
25/03/2023 09:05:00	12.09	9,391.93	0.00	100.00
25/03/2023 09:10:00	16.83	16,250.86	88.49	100.00
25/03/2023 09:15:00	11.78	13,366.90	93.53	99.99
25/03/2023 09:20:00	12.18	13,832.30	96.14	100.00
25/03/2023 09:25:00	12.37	12,764.17	94.58	99.99
25/03/2023 09:30:00	12.04	12,603.95	98.58	99.98
25/03/2023 09:35:00	10.80	12,298.77	97.51	99.99
25/03/2023 09:40:00	10.18	12,138.55	122.06	99.98
25/03/2023 09:45:00	11.71	10,788.13	162.54	99.98
25/03/2023 09:50:00	11.11	13,038.83	185.21	99.98
25/03/2023 09:55:00	9.69	9,857.33	190.88	99.98
25/03/2023 10:00:00	11.29	9,552.15	197.44	99.96
25/03/2023 10:05:00	9.51	8,621.35	200.95	99.94
25/03/2023 10:10:00	11.76	9,529.26	224.60	99.96
25/03/2023 10:15:00	9.95	10,154.88	274.05	99.95
25/03/2023 10:20:00	13.50	7,370.11	290.51	99.94
25/03/2023 10:25:00	9.29	9,231.71	288.82	99.93
25/03/2023 10:30:00	10.60	0.00	305.27	99.94
25/03/2023 10:35:00	10.64	0.00	245.49	99.93
25/03/2023 10:40:00	8.71	0.00	47.26	99.93
25/03/2023 10:45:00	8.27	9,552.15	46.20	99.93
25/03/2023 10:50:00	8.69	10,460.06	43.15	99.92
25/03/2023 10:55:00	7.97	11,230.64	40.87	99.92
25/03/2023 11:00:00	11.39	0.00	41.17	99.90
25/03/2023 11:05:00	8.95	9,834.44	39.64	99.90
25/03/2023 11:10:00	11.80	10,765.24	40.41	99.90
25/03/2023 11:15:00	7.69	0.00	38.59	99.89
25/03/2023 11:20:00	10.22	9,254.60	38.29	99.90
25/03/2023 11:25:00	10.37	9,552.15	39.64	99.88
25/03/2023 11:30:00	9.04	9,697.11	39.17	99.87
25/03/2023 11:35:00	8.67	11,390.86	39.03	99.84
25/03/2023 11:40:00	7.51	9,697.11	37.64	99.85
25/03/2023 11:45:00	6.29	11,528.19	37.64	99.83
25/03/2023 11:50:00	7.27	9,086.75	37.83	99.83
25/03/2023 11:55:00	7.76	0.00	38.87	99.83
25/03/2023 12:00:00	9.13	10,925.46	38.87	99.82
25/03/2023 12:05:00	10.02	0.00	37.36	99.80
25/03/2023 12:10:00	7.27	0.00	37.06	99.79
25/03/2023 12:15:00	6.78	0.00	37.03	99.80

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)
25/03/2023 12:20:00	7.18	11,062.79	37.50	99.79
25/03/2023 12:25:00	8.32	9,254.60	37.50	99.77
25/03/2023 12:30:00	6.44	9,971.77	38.41	99.76
25/03/2023 12:35:00	317.31	150,225.06	37.03	99.73
25/03/2023 12:40:00	29.54	145,754.19	52.48	99.69
25/03/2023 12:45:00	32.89	251,194.02	57.19	99.69
25/03/2023 12:50:00	35.47	235,912.11	59.63	99.66
25/03/2023 12:55:00	37.17	241,405.36	62.21	99.71
25/03/2023 13:00:00	49.28	241,565.58	63.42	99.69
25/03/2023 13:05:00	41.24	235,477.23	69.21	99.82
25/03/2023 13:10:00	46.28	227,244.98	67.54	99.76
25/03/2023 13:15:00	39.01	247,516.59	70.15	99.73
25/03/2023 13:20:00	41.01	241,260.41	70.28	99.72
25/03/2023 13:25:00	44.98	226,894.03	70.58	99.73
25/03/2023 13:30:00	41.84	241,870.77	72.59	99.72
25/03/2023 13:35:00	0.27	241,802.09	70.42	99.73
25/03/2023 13:40:00	44.24	228,290.23	74.26	99.78
25/03/2023 13:45:00	40.26	244,892.05	73.66	99.73
25/03/2023 13:50:00	43.84	231,494.62	73.19	99.79
25/03/2023 13:55:00	41.68	239,261.45	76.23	99.73
25/03/2023 14:00:00	39.19	0.00	76.07	99.75
25/03/2023 14:05:00	48.91	234,683.77	75.93	99.75
25/03/2023 14:10:00	48.84	233,104.45	75.61	99.77
25/03/2023 14:15:00	43.84	226,916.91	77.61	99.69
25/03/2023 14:20:00	39.54	227,382.31	77.61	99.75
25/03/2023 14:25:00	53.89	235,446.70	78.21	99.71
25/03/2023 14:30:00	55.51	231,197.06	79.28	99.66
25/03/2023 14:35:00	56.51	231,639.58	79.28	99.73
25/03/2023 14:40:00	59.24	232,402.53	81.89	99.71
25/03/2023 14:45:00	61.46	226,451.52	83.86	99.74
25/03/2023 14:50:00	57.28	223,262.38	83.86	99.74
25/03/2023 14:55:00	50.74	233,775.84	85.69	99.69
25/03/2023 15:00:00	55.56	235,309.38	84.49	99.71
25/03/2023 15:05:00	56.93	238,216.22	85.40	99.68
25/03/2023 15:10:00	58.95	234,035.25	81.89	99.75
25/03/2023 15:15:00	43.35	232,425.42	82.65	99.66
25/03/2023 15:20:00	51.38	241,565.58	80.37	99.72
25/03/2023 15:25:00	48.45	225,078.20	80.81	99.66
25/03/2023 15:30:00	50.28	231,471.73	79.28	99.63
25/03/2023 15:35:00	51.93	237,148.09	78.52	99.61
25/03/2023 15:40:00	51.61	238,353.55	80.81	99.66
25/03/2023 15:45:00	50.10	0.00	80.49	99.68
25/03/2023 15:50:00	51.49	235,591.67	80.32	99.69
25/03/2023 15:55:00	52.09	226,009.00	81.72	99.66
25/03/2023 16:00:00	45.79	242,473.48	81.23	99.64
25/03/2023 16:05:00	53.28	223,849.84	82.63	99.66
25/03/2023 16:10:00	53.26	234,401.45	80.05	99.60
25/03/2023 16:15:00	43.54	236,125.73	80.21	99.59
25/03/2023 16:20:00	45.72	228,427.56	79.58	99.67
25/03/2023 16:25:00	51.16	227,962.16	76.23	99.70
25/03/2023 16:30:00	40.52	234,866.88	76.39	99.64
25/03/2023 16:35:00	56.28	231,982.91	76.77	99.70
25/03/2023 16:40:00	45.05	220,637.83	76.37	99.61
25/03/2023 16:45:00	53.26	224,170.30	81.12	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)
25/03/2023 16:50:00	45.12	224,795.91	80.65	99.71
25/03/2023 16:55:00	57.37	235,637.45	81.72	99.64
25/03/2023 17:00:00	57.53	229,518.58	80.37	99.72
25/03/2023 17:05:00	50.07	236,636.91	81.28	99.70
25/03/2023 17:10:00	60.84	236,705.58	80.67	99.65
25/03/2023 17:15:00	54.09	218,127.72	82.38	99.65
25/03/2023 17:20:00	49.87	237,010.77	83.72	99.69
25/03/2023 17:25:00	57.58	224,940.88	83.70	99.64
25/03/2023 17:30:00	60.68	0.00	84.79	99.59
25/03/2023 17:35:00	61.93	239,429.31	84.79	99.75
25/03/2023 17:40:00	52.74	234,546.44	81.28	99.73
25/03/2023 17:45:00	54.93	241,725.80	80.98	99.75
25/03/2023 17:50:00	59.16	230,960.56	82.96	99.65
25/03/2023 17:55:00	61.00	233,958.95	82.21	99.72
25/03/2023 18:00:00	52.84	236,377.52	82.65	99.70
25/03/2023 18:05:00	50.12	233,493.55	82.19	99.73
25/03/2023 18:10:00	53.35	174,868.39	78.65	99.74
25/03/2023 18:15:00	48.03	112,802.32	78.37	99.78
25/03/2023 18:20:00	47.17	58,319.98	78.21	99.86
25/03/2023 18:25:00	49.07	22,949.57	79.00	99.75
25/03/2023 18:30:00	40.84	19,882.51	72.28	99.75
25/03/2023 18:35:00	40.68	17,898.83	67.58	99.73
25/03/2023 18:40:00	32.66	14,557.11	63.14	99.75
25/03/2023 18:45:00	26.69	17,296.10	60.23	99.73
25/03/2023 18:50:00	23.32	17,929.35	58.70	99.73
25/03/2023 18:55:00	25.43	18,364.23	58.10	99.72
25/03/2023 19:00:00	25.27	17,578.39	56.43	99.75
25/03/2023 19:05:00	25.18	17,433.43	55.35	99.74
25/03/2023 19:10:00	18.01	14,854.66	53.52	99.73
25/03/2023 19:15:00	24.41	0.00	53.08	99.70
25/03/2023 19:20:00	18.66	18,204.01	50.59	99.71
25/03/2023 19:25:00	22.64	18,532.08	49.98	99.69
25/03/2023 19:30:00	20.66	18,364.23	49.08	99.73
25/03/2023 19:35:00	17.83	15,022.51	49.08	99.73
25/03/2023 19:40:00	19.34	17,158.77	48.31	99.71
25/03/2023 19:45:00	15.39	15,625.24	46.78	99.73
25/03/2023 19:50:00	20.55	15,159.84	47.10	99.73
25/03/2023 19:55:00	20.13	16,556.04	45.40	99.72
25/03/2023 20:00:00	20.20	13,969.63	45.89	99.73
25/03/2023 20:05:00	17.46	12,901.50	43.76	99.73
25/03/2023 20:10:00	13.64	18,089.57	43.76	99.73
25/03/2023 20:15:00	13.99	15,945.68	42.85	99.73
25/03/2023 20:20:00	18.30	17,158.77	43.43	99.71
25/03/2023 20:25:00	18.27	14,183.26	43.29	99.74
25/03/2023 20:30:00	12.18	8,926.53	42.82	99.74
25/03/2023 20:35:00	12.90	16,556.04	42.54	99.73
25/03/2023 20:40:00	34.96	144,846.27	46.78	99.73
25/03/2023 20:45:00	40.63	152,475.78	59.47	99.82
25/03/2023 20:50:00	45.14	156,595.70	63.16	99.73
25/03/2023 20:55:00	40.33	258,983.75	64.65	99.82
25/03/2023 21:00:00	37.96	0.00	64.82	99.81
25/03/2023 21:05:00	42.33	239,749.75	68.17	99.86
25/03/2023 21:10:00	46.56	239,147.02	65.75	99.83
25/03/2023 21:15:00	42.37	256,382.09	66.63	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)
25/03/2023 21:20:00	41.37	253,330.28	63.75	99.91
25/03/2023 21:25:00	49.03	248,126.95	62.98	99.91
25/03/2023 21:30:00	51.91	255,611.52	63.29	99.90
25/03/2023 21:35:00	48.65	243,732.36	63.61	99.92
25/03/2023 21:40:00	48.63	242,938.89	66.49	99.98
25/03/2023 21:45:00	49.74	246,448.45	66.80	99.95
25/03/2023 21:50:00	46.75	252,544.44	66.03	99.94
25/03/2023 21:55:00	45.98	237,476.16	67.42	99.94
25/03/2023 22:00:00	44.59	245,540.55	67.70	99.96
25/03/2023 22:05:00	48.28	253,055.62	68.77	100.02
25/03/2023 22:10:00	45.54	260,662.23	68.33	99.96
25/03/2023 22:15:00	48.65	255,283.44	65.87	99.94
25/03/2023 22:20:00	37.50	238,384.06	66.93	99.98
25/03/2023 22:25:00	48.23	242,633.70	67.09	99.98
25/03/2023 22:30:00	47.21	181,612.88	69.24	99.96
25/03/2023 22:35:00	58.56	182,078.28	70.47	99.98
25/03/2023 22:40:00	53.58	175,288.02	74.72	99.92
25/03/2023 22:45:00	66.51	0.00	77.33	99.93
25/03/2023 22:50:00	67.72	184,359.50	81.28	99.93
25/03/2023 22:55:00	55.86	256,702.53	82.51	99.83
25/03/2023 23:00:00	58.28	253,940.64	84.16	99.96
25/03/2023 23:05:00	68.79	240,215.16	81.74	99.96
25/03/2023 23:10:00	58.40	239,147.02	81.74	100.02
25/03/2023 23:15:00	61.55	234,569.31	78.54	99.98
25/03/2023 23:20:00	59.98	248,752.56	75.81	99.93
25/03/2023 23:25:00	59.40	239,749.75	75.03	100.05
25/03/2023 23:30:00	58.19	251,659.42	75.79	99.99
25/03/2023 23:35:00	50.96	231,731.14	74.56	99.95
25/03/2023 23:40:00	56.42	245,098.05	75.33	99.98
25/03/2023 23:45:00	63.26	235,446.70	75.30	99.96
25/03/2023 23:50:00	49.23	225,543.59	73.02	100.04
25/03/2023 23:55:00	45.63	240,360.11	75.63	100.00