



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói nghiền than

Thời gian báo cáo: Từ: 22/03/2023

Tới: 22/03/2023

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)
22/03/2023 00:00:00	68.16	98,722.82	74.65	99.18
22/03/2023 00:05:00	72.72	98,237.58	73.43	99.15
22/03/2023 00:10:00	64.08	98,109.41	75.56	99.17
22/03/2023 00:15:00	66.45	96,028.08	75.24	99.14
22/03/2023 00:20:00	73.74	95,545.89	75.56	99.15
22/03/2023 00:25:00	69.95	97,068.74	74.33	99.14
22/03/2023 00:30:00	70.42	103,718.62	74.05	99.11
22/03/2023 00:35:00	71.27	101,460.29	74.98	99.20
22/03/2023 00:40:00	70.90	98,359.66	72.22	99.13
22/03/2023 00:45:00	67.82	101,637.29	74.36	99.10
22/03/2023 00:50:00	70.63	101,023.88	71.89	99.13
22/03/2023 00:55:00	70.92	101,396.20	73.27	99.15
22/03/2023 01:00:00	70.00	98,109.41	74.07	99.11
22/03/2023 01:05:00	72.25	97,773.71	73.73	99.11
22/03/2023 01:10:00	69.70	100,410.47	73.27	99.09
22/03/2023 01:15:00	68.54	95,649.65	71.60	99.09
22/03/2023 01:20:00	70.76	99,696.35	73.73	99.05
22/03/2023 01:25:00	68.54	96,641.49	72.82	99.03
22/03/2023 01:30:00	75.24	0.00	72.06	99.01
22/03/2023 01:35:00	72.01	99,809.26	70.97	99.09
22/03/2023 01:40:00	54.86	12,179.75	73.13	99.04
22/03/2023 01:45:00	41.70	6,332.49	63.52	99.03
22/03/2023 01:50:00	43.70	6,033.42	59.59	99.02
22/03/2023 01:55:00	47.76	0.00	57.13	99.01
22/03/2023 02:00:00	46.44	0.00	57.27	98.98
22/03/2023 02:05:00	50.45	0.00	55.46	98.96
22/03/2023 02:10:00	46.65	6,146.33	54.09	98.95
22/03/2023 02:15:00	48.32	0.00	52.70	98.93
22/03/2023 02:20:00	46.11	0.00	52.56	98.96
22/03/2023 02:25:00	39.06	0.00	51.79	98.92
22/03/2023 02:30:00	38.41	0.00	50.12	98.91
22/03/2023 02:35:00	42.08	0.00	50.72	98.90
22/03/2023 02:40:00	34.68	5,114.82	49.36	98.90
22/03/2023 02:45:00	33.88	0.00	49.05	98.89
22/03/2023 02:50:00	30.59	0.00	47.05	98.89
22/03/2023 02:55:00	37.18	0.00	47.36	98.90
22/03/2023 03:00:00	34.81	0.00	46.75	98.89
22/03/2023 03:05:00	44.08	109,697.11	51.03	98.91
22/03/2023 03:10:00	63.85	98,286.41	62.42	98.85
22/03/2023 03:15:00	71.63	0.00	66.72	98.88

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)
22/03/2023 07:50:00	71.16	96,018.92	77.35	99.28
22/03/2023 07:55:00	68.26	97,059.59	75.24	99.20
22/03/2023 08:00:00	75.08	96,577.40	75.54	99.21
22/03/2023 08:05:00	65.64	95,295.64	74.61	99.24
22/03/2023 08:10:00	71.60	96,754.41	74.31	99.23
22/03/2023 08:15:00	68.12	96,018.92	74.47	99.28
22/03/2023 08:20:00	70.28	94,190.89	76.45	99.31
22/03/2023 08:25:00	67.22	93,708.71	76.61	99.31
22/03/2023 08:30:00	66.70	0.00	76.45	99.23
22/03/2023 08:35:00	64.08	93,586.63	75.84	99.28
22/03/2023 08:40:00	66.31	100,169.38	75.68	99.23
22/03/2023 08:45:00	68.49	96,086.06	76.31	99.36
22/03/2023 08:50:00	64.87	95,164.42	73.54	99.28
22/03/2023 08:55:00	63.90	99,800.11	74.78	99.34
22/03/2023 09:00:00	67.51	97,850.00	74.31	99.29
22/03/2023 09:05:00	69.56	95,164.42	75.22	99.26
22/03/2023 09:10:00	63.59	99,119.55	76.45	99.30
22/03/2023 09:15:00	64.89	99,751.28	76.59	99.25
22/03/2023 09:20:00	65.22	101,805.14	74.45	99.34
22/03/2023 09:25:00	63.66	96,073.85	74.31	99.25
22/03/2023 09:30:00	60.46	96,809.34	74.29	99.28
22/03/2023 09:35:00	66.19	101,005.57	75.49	99.27
22/03/2023 09:40:00	64.45	95,036.24	74.29	99.33
22/03/2023 09:45:00	57.28	13,073.93	73.40	99.29
22/03/2023 09:50:00	41.75	13,870.45	67.46	99.30
22/03/2023 09:55:00	33.42	11,187.91	61.80	99.29
22/03/2023 10:00:00	31.82	11,551.08	58.75	99.31
22/03/2023 10:05:00	30.72	10,696.57	56.32	99.26
22/03/2023 10:10:00	29.92	11,187.91	54.04	99.28
22/03/2023 10:15:00	24.97	0.00	54.67	99.26
22/03/2023 10:20:00	26.99	11,670.10	53.28	99.28
22/03/2023 10:25:00	24.95	10,638.59	52.79	99.25
22/03/2023 10:30:00	27.55	11,187.91	52.65	99.25
22/03/2023 10:35:00	29.54	11,029.22	51.45	99.24
22/03/2023 10:40:00	28.73	10,138.09	51.12	99.24
22/03/2023 10:45:00	28.98	9,897.00	51.28	99.22
22/03/2023 10:50:00	22.16	10,388.34	51.28	99.29
22/03/2023 10:55:00	28.22	6,973.37	49.61	99.34
22/03/2023 11:00:00	27.78	0.00	50.21	99.32
22/03/2023 11:05:00	41.61	104,969.86	54.16	99.26
22/03/2023 11:10:00	62.27	102,400.24	67.41	99.27
22/03/2023 11:15:00	62.62	98,628.21	74.12	99.26
22/03/2023 11:20:00	64.45	99,955.75	74.87	99.34
22/03/2023 11:25:00	65.15	95,082.02	73.96	99.43
22/03/2023 11:30:00	66.19	95,695.43	76.87	99.40
22/03/2023 11:35:00	62.10	98,683.15	75.63	99.36
22/03/2023 11:40:00	61.16	96,900.89	77.47	99.39
22/03/2023 11:45:00	65.01	97,569.24	76.84	99.30
22/03/2023 11:50:00	62.59	95,927.37	77.16	99.27
22/03/2023 11:55:00	66.75	94,340.43	79.74	99.37
22/03/2023 12:00:00	67.93	0.00	77.30	99.36
22/03/2023 12:05:00	68.28	96,687.27	77.77	99.39
22/03/2023 12:10:00	65.52	98,927.29	79.61	99.39
22/03/2023 12:15:00	64.17	97,151.14	78.84	99.27

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)
22/03/2023 03:20:00	65.29	95,118.64	67.62	98.87
22/03/2023 03:25:00	61.78	96,958.88	69.02	98.96
22/03/2023 03:30:00	65.35	98,164.34	67.79	99.00
22/03/2023 03:35:00	63.36	101,332.11	68.39	98.96
22/03/2023 03:40:00	66.68	43,509.58	71.02	98.99
22/03/2023 03:45:00	62.34	33,035.78	72.08	98.96
22/03/2023 03:50:00	62.85	103,709.47	72.98	98.93
22/03/2023 03:55:00	63.32	104,023.80	74.20	98.92
22/03/2023 04:00:00	69.83	102,864.12	72.96	98.93
22/03/2023 04:05:00	71.11	94,172.58	71.44	98.94
22/03/2023 04:10:00	76.06	96,949.72	72.22	98.97
22/03/2023 04:15:00	70.34	98,414.59	76.03	98.99
22/03/2023 04:20:00	73.13	96,754.41	76.14	98.93
22/03/2023 04:25:00	71.51	95,704.59	75.89	98.95
22/03/2023 04:30:00	71.23	98,164.34	76.17	98.94
22/03/2023 04:35:00	74.13	94,077.97	74.03	98.98
22/03/2023 04:40:00	72.63	101,219.20	75.27	98.98
22/03/2023 04:45:00	69.65	97,068.74	76.79	98.99
22/03/2023 04:50:00	73.99	99,150.07	74.36	99.04
22/03/2023 04:55:00	73.18	96,168.46	75.10	99.01
22/03/2023 05:00:00	69.74	0.00	77.10	99.04
22/03/2023 05:05:00	77.75	98,786.91	75.10	99.04
22/03/2023 05:10:00	76.29	99,028.00	78.03	99.04
22/03/2023 05:15:00	70.39	97,822.54	77.86	98.98
22/03/2023 05:20:00	72.57	98,054.47	78.00	99.08
22/03/2023 05:25:00	68.40	101,759.37	78.16	99.11
22/03/2023 05:30:00	73.92	99,818.42	78.49	99.08
22/03/2023 05:35:00	75.66	99,455.25	78.47	99.05
22/03/2023 05:40:00	76.13	96,409.55	75.12	99.12
22/03/2023 05:45:00	75.13	99,150.07	75.87	99.04
22/03/2023 05:50:00	70.86	95,555.05	75.70	99.05
22/03/2023 05:55:00	73.95	98,423.74	77.86	99.09
22/03/2023 06:00:00	76.80	98,200.96	76.65	99.03
22/03/2023 06:05:00	71.53	96,095.22	75.89	99.06
22/03/2023 06:10:00	72.65	98,173.50	77.10	99.08
22/03/2023 06:15:00	74.78	93,354.70	76.75	99.02
22/03/2023 06:20:00	69.21	94,114.60	76.65	99.15
22/03/2023 06:25:00	69.23	97,737.09	76.94	99.04
22/03/2023 06:30:00	68.67	98,545.82	76.94	99.11
22/03/2023 06:35:00	71.14	95,555.05	75.12	99.17
22/03/2023 06:40:00	68.12	97,254.90	75.56	99.12
22/03/2023 06:45:00	74.04	0.00	76.94	99.13
22/03/2023 06:50:00	74.59	95,609.98	75.72	99.08
22/03/2023 06:55:00	70.95	99,150.07	74.05	99.13
22/03/2023 07:00:00	70.95	94,636.45	76.79	99.13
22/03/2023 07:05:00	74.73	98,295.57	76.79	99.13
22/03/2023 07:10:00	72.67	94,608.99	74.96	99.11
22/03/2023 07:15:00	76.78	95,722.90	77.07	99.21
22/03/2023 07:20:00	71.60	94,209.20	76.94	99.21
22/03/2023 07:25:00	75.80	95,545.89	73.75	99.17
22/03/2023 07:30:00	70.02	96,437.02	74.49	99.20
22/03/2023 07:35:00	68.02	94,013.89	76.49	99.20
22/03/2023 07:40:00	64.26	95,545.89	78.30	99.20
22/03/2023 07:45:00	71.99	95,182.73	76.61	99.24

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)
22/03/2023 12:20:00	65.01	99,342.34	77.94	99.39
22/03/2023 12:25:00	65.50	94,523.54	78.81	99.29
22/03/2023 12:30:00	64.48	98,295.57	77.61	99.34
22/03/2023 12:35:00	66.24	100,755.32	78.68	99.38
22/03/2023 12:40:00	63.08	98,554.97	76.68	99.32
22/03/2023 12:45:00	60.78	104,887.46	78.35	99.31
22/03/2023 12:50:00	67.17	101,173.42	76.84	99.28
22/03/2023 12:55:00	61.50	98,927.29	76.84	99.22
22/03/2023 13:00:00	63.29	95,750.36	77.63	99.32
22/03/2023 13:05:00	61.57	93,476.77	77.33	99.28
22/03/2023 13:10:00	60.83	98,313.88	78.07	99.19
22/03/2023 13:15:00	67.03	99,418.63	77.47	99.18
22/03/2023 13:20:00	56.53	95,991.45	78.39	99.19
22/03/2023 13:25:00	51.68	95,750.36	77.45	99.25
22/03/2023 13:30:00	59.78	97,459.37	77.28	99.20
22/03/2023 13:35:00	58.05	96,354.62	78.68	99.22
22/03/2023 13:40:00	58.93	97,505.15	78.05	99.24
22/03/2023 13:45:00	62.76	0.00	82.62	99.25
22/03/2023 13:50:00	60.39	94,087.13	80.65	99.17
22/03/2023 13:55:00	57.33	94,450.29	81.25	99.28
22/03/2023 14:00:00	58.40	99,037.16	78.97	99.13
22/03/2023 14:05:00	56.47	98,414.59	79.42	99.17
22/03/2023 14:10:00	57.28	96,958.88	78.19	99.22
22/03/2023 14:15:00	58.05	97,077.90	79.58	99.20
22/03/2023 14:20:00	65.29	99,818.42	76.36	99.24
22/03/2023 14:25:00	62.43	98,905.93	78.52	99.24
22/03/2023 14:30:00	60.27	98,832.68	77.58	99.23
22/03/2023 14:35:00	56.66	99,092.09	76.36	99.22
22/03/2023 14:40:00	61.67	98,109.41	78.63	99.11
22/03/2023 14:45:00	64.73	97,560.08	75.91	99.31
22/03/2023 14:50:00	59.21	100,419.62	76.96	99.24
22/03/2023 14:55:00	58.65	92,817.58	78.68	99.14
22/03/2023 15:00:00	57.05	97,746.24	77.58	99.15
22/03/2023 15:05:00	58.21	97,801.17	77.28	99.04
22/03/2023 15:10:00	56.09	99,092.09	79.88	99.16
22/03/2023 15:15:00	57.28	98,191.81	78.49	99.10
22/03/2023 15:20:00	59.32	99,604.79	79.72	99.08
22/03/2023 15:25:00	63.66	97,822.54	79.42	99.11
22/03/2023 15:30:00	64.68	0.00	79.26	99.05
22/03/2023 15:35:00	55.08	100,791.94	80.19	99.09
22/03/2023 15:40:00	61.94	99,519.34	81.11	99.08
22/03/2023 15:45:00	65.91	93,485.92	80.95	99.08
22/03/2023 15:50:00	66.64	57,288.47	148.81	99.07
22/03/2023 15:55:00	68.16	62,711.53	148.81	98.94
22/03/2023 16:00:00	64.06	94,654.76	72.29	99.12
22/03/2023 16:05:00	62.92	98,619.06	75.03	98.99
22/03/2023 16:10:00	63.34	101,042.19	72.43	99.02
22/03/2023 16:15:00	65.52	100,682.08	74.40	99.13
22/03/2023 16:20:00	58.88	26,999.31	76.72	99.07
22/03/2023 16:25:00	57.86	27,316.70	84.97	99.02
22/03/2023 16:30:00	57.86	27,075.61	90.47	99.02
22/03/2023 16:35:00	67.22	94,135.96	90.94	99.01
22/03/2023 16:40:00	66.66	94,932.48	95.09	98.96
22/03/2023 16:45:00	67.68	95,899.90	95.67	98.98

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)
22/03/2023 16:50:00	72.76	91,554.13	103.47	99.06
22/03/2023 16:55:00	68.91	95,017.93	119.37	98.99
22/03/2023 17:00:00	70.23	94,041.35	132.49	98.97
22/03/2023 17:05:00	62.85	89,036.39	138.25	99.02
22/03/2023 17:10:00	65.10	89,295.80	139.20	98.93
22/03/2023 17:15:00	70.09	0.00	141.78	98.96
22/03/2023 17:20:00	72.30	92,381.17	142.82	98.88
22/03/2023 17:25:00	68.67	84,580.76	142.38	98.98
22/03/2023 17:30:00	70.32	84,208.44	174.23	98.94
22/03/2023 17:35:00	77.45	82,871.75	203.51	98.96
22/03/2023 17:40:00	72.43	81,040.67	217.81	98.91
22/03/2023 17:45:00	71.60	79,035.63	231.85	98.87
22/03/2023 17:50:00	76.87	78,052.95	229.85	98.87
22/03/2023 17:55:00	69.16	83,949.03	237.17	98.80
22/03/2023 18:00:00	69.67	80,189.21	240.56	98.84
22/03/2023 18:05:00	65.59	82,203.40	235.22	98.86
22/03/2023 18:10:00	74.27	57,996.49	142.52	98.88
22/03/2023 18:15:00	67.38	59,034.10	142.96	98.87
22/03/2023 18:20:00	73.04	97,141.99	82.46	98.85
22/03/2023 18:25:00	70.42	98,005.65	79.39	98.81
22/03/2023 18:30:00	67.70	99,827.57	80.32	98.82
22/03/2023 18:35:00	63.92	100,486.76	79.23	98.79
22/03/2023 18:40:00	71.07	95,414.66	79.35	98.84
22/03/2023 18:45:00	67.84	100,187.69	79.39	98.93
22/03/2023 18:50:00	70.53	95,359.73	78.63	98.82
22/03/2023 18:55:00	68.89	99,751.28	79.84	98.85
22/03/2023 19:00:00	71.85	0.00	78.32	98.90
22/03/2023 19:05:00	73.72	100,004.58	79.70	98.93
22/03/2023 19:10:00	71.00	98,591.59	79.63	98.91
22/03/2023 19:15:00	66.80	97,068.74	80.44	98.87
22/03/2023 19:20:00	69.07	96,327.15	80.44	98.95
22/03/2023 19:25:00	67.73	96,818.49	80.74	98.91
22/03/2023 19:30:00	66.38	95,973.14	78.00	98.91
22/03/2023 19:35:00	62.04	102,610.82	79.84	98.91
22/03/2023 19:40:00	67.66	101,692.23	76.94	98.93
22/03/2023 19:45:00	71.09	104,560.92	75.70	98.97
22/03/2023 19:50:00	64.61	105,101.09	74.47	98.96
22/03/2023 19:55:00	62.76	106,865.03	73.13	98.95
22/03/2023 20:00:00	60.99	100,523.38	72.36	98.92
22/03/2023 20:05:00	56.56	29,349.20	72.50	98.99
22/03/2023 20:10:00	41.34	0.00	68.25	99.01
22/03/2023 20:15:00	38.80	0.00	59.57	99.02
22/03/2023 20:20:00	48.04	0.00	58.66	98.99
22/03/2023 20:25:00	43.77	0.00	59.24	98.99
22/03/2023 20:30:00	55.19	0.00	58.36	99.02
22/03/2023 20:35:00	47.16	0.00	57.89	99.02
22/03/2023 20:40:00	43.66	5,661.10	57.60	99.02
22/03/2023 20:45:00	41.82	0.00	55.62	99.02
22/03/2023 20:50:00	35.88	0.00	54.70	99.03
22/03/2023 20:55:00	34.26	0.00	54.39	99.03
22/03/2023 21:00:00	51.43	0.00	53.21	99.04
22/03/2023 21:05:00	45.86	0.00	52.41	99.04
22/03/2023 21:10:00	34.28	0.00	52.72	99.03
22/03/2023 21:15:00	33.79	0.00	51.51	99.03

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)
22/03/2023 21:20:00	35.71	5,236.90	50.91	99.03
22/03/2023 21:25:00	37.74	0.00	50.91	99.02
22/03/2023 21:30:00	40.76	0.00	49.36	99.04
22/03/2023 21:35:00	31.03	0.00	49.82	99.03
22/03/2023 21:40:00	34.86	0.00	50.12	99.02
22/03/2023 21:45:00	35.09	0.00	49.38	99.04
22/03/2023 21:50:00	30.85	0.00	47.38	99.03
22/03/2023 21:55:00	37.42	0.00	47.38	99.03
22/03/2023 22:00:00	33.42	0.00	46.45	99.01
22/03/2023 22:05:00	28.71	0.00	47.20	98.99
22/03/2023 22:10:00	27.24	0.00	46.01	99.02
22/03/2023 22:15:00	34.51	0.00	45.55	99.02
22/03/2023 22:20:00	29.03	0.00	44.64	99.02
22/03/2023 22:25:00	28.38	0.00	44.80	99.02
22/03/2023 22:30:00	28.62	0.00	44.64	99.01
22/03/2023 22:35:00	25.41	0.00	44.17	99.01
22/03/2023 22:40:00	25.39	0.00	44.31	99.00
22/03/2023 22:45:00	24.48	0.00	42.66	99.00
22/03/2023 22:50:00	26.97	0.00	43.73	99.02
22/03/2023 22:55:00	25.37	0.00	42.81	99.00
22/03/2023 23:00:00	27.96	0.00	41.76	99.02
22/03/2023 23:05:00	21.63	0.00	42.57	99.03
22/03/2023 23:10:00	24.62	0.00	42.37	99.02
22/03/2023 23:15:00	26.27	0.00	40.55	99.01
22/03/2023 23:20:00	22.07	0.00	41.90	99.02
22/03/2023 23:25:00	20.05	0.00	41.76	98.99
22/03/2023 23:30:00	21.12	0.00	40.53	99.00
22/03/2023 23:35:00	20.26	0.00	39.77	99.02
22/03/2023 23:40:00	22.21	0.00	40.53	99.00
22/03/2023 23:45:00	20.84	0.00	40.18	98.99
22/03/2023 23:50:00	19.72	0.00	39.63	98.99
22/03/2023 23:55:00	25.48	0.00	38.56	98.98