



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: 05/04/2023

Tới: 05/04/2023

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)
05/04/2023 00:00:00	0.02	0.00	25.14	99.05
05/04/2023 00:05:00	1.99	0.00	24.86	99.05
05/04/2023 00:10:00	2.69	0.00	25.02	99.05
05/04/2023 00:15:00	2.41	0.00	25.16	99.03
05/04/2023 00:20:00	2.92	0.00	25.30	99.04
05/04/2023 00:25:00	2.73	0.00	25.21	99.03
05/04/2023 00:30:00	3.39	0.00	25.30	99.02
05/04/2023 00:35:00	2.88	0.00	25.79	99.02
05/04/2023 00:40:00	3.64	0.00	25.44	99.02
05/04/2023 00:45:00	2.92	0.00	25.76	99.00
05/04/2023 00:50:00	3.08	0.00	25.32	99.01
05/04/2023 00:55:00	3.08	0.00	25.74	99.01
05/04/2023 01:00:00	3.13	0.00	25.00	99.02
05/04/2023 01:05:00	2.71	0.00	25.76	99.02
05/04/2023 01:10:00	3.27	0.00	25.63	99.02
05/04/2023 01:15:00	2.99	0.00	25.63	99.02
05/04/2023 01:20:00	3.34	0.00	25.30	99.02
05/04/2023 01:25:00	3.01	0.00	25.32	99.01
05/04/2023 01:30:00	2.66	0.00	24.83	99.02
05/04/2023 01:35:00	2.85	0.00	25.19	99.02
05/04/2023 01:40:00	2.62	0.00	25.32	99.00
05/04/2023 01:45:00	2.50	0.00	25.32	99.02
05/04/2023 01:50:00	2.39	0.00	25.02	99.02
05/04/2023 01:55:00	2.39	0.00	25.32	99.04
05/04/2023 02:00:00	3.85	0.00	25.30	99.01
05/04/2023 02:05:00	3.15	0.00	25.14	99.01
05/04/2023 02:10:00	2.73	0.00	25.32	99.02
05/04/2023 02:15:00	3.04	0.00	25.93	99.00
05/04/2023 02:20:00	2.83	0.00	25.76	99.02
05/04/2023 02:25:00	3.64	0.00	25.47	99.01
05/04/2023 02:30:00	2.81	0.00	25.76	99.01
05/04/2023 02:35:00	2.64	0.00	25.76	99.01
05/04/2023 02:40:00	2.99	0.00	25.14	99.02
05/04/2023 02:45:00	3.01	0.00	25.60	99.00
05/04/2023 02:50:00	2.59	0.00	25.74	99.01
05/04/2023 02:55:00	2.41	0.00	25.74	98.99
05/04/2023 03:00:00	2.41	0.00	25.76	99.00
05/04/2023 03:05:00	2.85	0.00	25.79	98.99
05/04/2023 03:10:00	2.94	0.00	25.76	99.01

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)
05/04/2023 03:15:00	2.92	0.00	25.16	98.99
05/04/2023 03:20:00	3.24	0.00	25.32	99.01
05/04/2023 03:25:00	2.76	0.00	25.35	99.00
05/04/2023 03:30:00	2.76	0.00	25.35	98.99
05/04/2023 03:35:00	3.52	0.00	25.47	98.99
05/04/2023 03:40:00	3.20	0.00	25.79	98.99
05/04/2023 03:45:00	3.50	0.00	25.63	98.98
05/04/2023 03:50:00	3.11	0.00	25.65	98.99
05/04/2023 03:55:00	3.29	0.00	25.19	98.99
05/04/2023 04:00:00	3.48	0.00	25.63	98.99
05/04/2023 04:05:00	3.55	0.00	25.19	98.99
05/04/2023 04:10:00	2.76	0.00	25.02	98.99
05/04/2023 04:15:00	3.52	0.00	25.79	98.99
05/04/2023 04:20:00	3.82	0.00	25.16	98.98
05/04/2023 04:25:00	2.20	0.00	25.16	99.00
05/04/2023 04:30:00	2.69	0.00	25.02	99.01
05/04/2023 04:35:00	3.24	0.00	25.30	99.00
05/04/2023 04:40:00	3.29	0.00	25.32	99.02
05/04/2023 04:45:00	2.59	0.00	24.86	99.02
05/04/2023 04:50:00	3.17	0.00	25.16	99.02
05/04/2023 04:55:00	2.97	0.00	25.02	99.02
05/04/2023 05:00:00	3.20	0.00	24.86	99.01
05/04/2023 05:05:00	2.97	0.00	25.02	99.04
05/04/2023 05:10:00	2.83	0.00	25.16	99.04
05/04/2023 05:15:00	2.71	0.00	25.02	99.05
05/04/2023 05:20:00	2.64	0.00	25.00	99.05
05/04/2023 05:25:00	2.78	0.00	25.32	99.05
05/04/2023 05:30:00	2.71	0.00	25.30	99.04
05/04/2023 05:35:00	3.62	0.00	25.47	99.05
05/04/2023 05:40:00	3.41	0.00	25.30	99.07
05/04/2023 05:45:00	3.80	0.00	25.28	99.06
05/04/2023 05:50:00	3.80	0.00	25.16	99.08
05/04/2023 05:55:00	3.04	0.00	24.70	99.08
05/04/2023 06:00:00	3.43	0.00	25.30	99.08
05/04/2023 06:05:00	3.46	0.00	24.74	99.10
05/04/2023 06:10:00	2.81	0.00	25.32	99.11
05/04/2023 06:15:00	2.73	0.00	24.88	99.12
05/04/2023 06:20:00	2.32	0.00	25.19	99.13
05/04/2023 06:25:00	2.57	0.00	25.32	99.13
05/04/2023 06:30:00	2.06	0.00	24.42	99.15
05/04/2023 06:35:00	2.27	0.00	24.56	99.15
05/04/2023 06:40:00	2.20	0.00	24.56	99.16
05/04/2023 06:45:00	2.15	0.00	24.70	99.17
05/04/2023 06:50:00	2.11	0.00	24.40	99.19
05/04/2023 06:55:00	1.67	0.00	24.42	99.19
05/04/2023 07:00:00	1.81	0.00	24.86	99.21
05/04/2023 07:05:00	1.72	0.00	24.72	99.22
05/04/2023 07:10:00	2.06	0.00	24.72	99.24
05/04/2023 07:15:00	1.92	0.00	25.32	99.23
05/04/2023 07:20:00	1.72	0.00	25.32	99.24
05/04/2023 07:25:00	1.64	0.00	24.72	99.26
05/04/2023 07:30:00	1.48	0.00	24.98	99.26
05/04/2023 07:35:00	1.64	0.00	24.86	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)
05/04/2023 07:40:00	1.18	0.00	25.79	99.29
05/04/2023 07:45:00	1.41	0.00	25.32	99.29
05/04/2023 07:50:00	0.14	0.00	25.81	99.31
05/04/2023 07:55:00	0.05	0.00	25.44	99.30
05/04/2023 08:00:00	0.09	0.00	25.90	99.32
05/04/2023 08:05:00	0.09	0.00	25.74	99.31
05/04/2023 08:10:00	0.11	0.00	26.07	99.33
05/04/2023 08:15:00	0.07	0.00	26.37	99.32
05/04/2023 08:20:00	0.27	0.00	25.76	99.34
05/04/2023 08:25:00	0.09	0.00	26.07	99.36
05/04/2023 08:30:00	0.11	0.00	26.67	99.35
05/04/2023 08:35:00	0.23	0.00	26.05	99.36
05/04/2023 08:40:00	0.09	0.00	26.05	99.34
05/04/2023 08:45:00	0.11	0.00	26.95	99.36
05/04/2023 08:50:00	0.11	0.00	26.34	99.36
05/04/2023 08:55:00	0.16	0.00	27.28	99.38
05/04/2023 09:00:00	0.23	0.00	26.67	99.38
05/04/2023 09:05:00	0.32	0.00	26.95	99.38
05/04/2023 09:10:00	0.16	0.00	27.44	99.39
05/04/2023 09:15:00	0.18	0.00	27.14	99.40
05/04/2023 09:20:00	0.16	0.00	27.14	99.41
05/04/2023 09:25:00	0.18	0.00	27.86	99.39
05/04/2023 09:30:00	0.25	0.00	27.41	99.42
05/04/2023 09:35:00	0.48	0.00	28.18	99.42
05/04/2023 09:40:00	0.34	0.00	28.04	99.42
05/04/2023 09:45:00	0.27	0.00	28.18	99.42
05/04/2023 09:50:00	0.37	0.00	28.32	99.42
05/04/2023 09:55:00	0.56	0.00	28.34	99.43
05/04/2023 10:00:00	0.41	0.00	28.64	99.42
05/04/2023 10:05:00	0.48	0.00	28.81	99.40
05/04/2023 10:10:00	0.39	0.00	28.95	99.43
05/04/2023 10:15:00	0.56	0.00	28.64	99.41
05/04/2023 10:20:00	0.58	0.00	28.95	99.42
05/04/2023 10:25:00	0.63	0.00	28.95	99.42
05/04/2023 10:30:00	0.60	0.00	29.25	99.40
05/04/2023 10:35:00	0.81	0.00	29.83	99.39
05/04/2023 10:40:00	0.56	0.00	29.23	99.38
05/04/2023 10:45:00	0.46	0.00	29.55	99.39
05/04/2023 10:50:00	0.41	0.00	30.01	99.38
05/04/2023 10:55:00	0.69	0.00	29.71	99.37
05/04/2023 11:00:00	0.63	0.00	29.88	99.39
05/04/2023 11:05:00	0.60	0.00	29.71	99.37
05/04/2023 11:10:00	0.95	0.00	29.88	99.36
05/04/2023 11:15:00	0.56	0.00	30.78	99.37
05/04/2023 11:20:00	0.69	0.00	30.01	99.38
05/04/2023 11:25:00	0.60	0.00	30.46	99.39
05/04/2023 11:30:00	0.72	0.00	30.78	99.36
05/04/2023 11:35:00	0.72	0.00	31.22	99.36
05/04/2023 11:40:00	1.08	0.00	31.08	99.37
05/04/2023 11:45:00	0.90	0.00	31.53	99.37
05/04/2023 11:50:00	0.88	0.00	31.50	99.36
05/04/2023 11:55:00	0.95	0.00	31.66	99.34
05/04/2023 12:00:00	1.32	0.00	31.36	99.36

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)
05/04/2023 12:05:00	1.88	0.00	31.64	99.34
05/04/2023 12:10:00	0.99	0.00	31.94	99.35
05/04/2023 12:15:00	1.06	0.00	31.97	99.32
05/04/2023 12:20:00	0.99	0.00	31.53	99.31
05/04/2023 12:25:00	0.88	0.00	32.87	99.33
05/04/2023 12:30:00	0.90	0.00	33.01	99.28
05/04/2023 12:35:00	0.79	0.00	33.04	99.24
05/04/2023 12:40:00	0.81	0.00	32.73	99.23
05/04/2023 12:45:00	0.88	0.00	33.96	99.26
05/04/2023 12:50:00	1.06	0.00	33.96	99.32
05/04/2023 12:55:00	1.01	0.00	33.64	99.35
05/04/2023 13:00:00	1.04	0.00	34.56	99.36
05/04/2023 13:05:00	1.41	0.00	34.73	99.28
05/04/2023 13:10:00	1.16	0.00	33.80	99.25
05/04/2023 13:15:00	1.34	0.00	34.10	99.28
05/04/2023 13:20:00	1.48	0.00	34.22	99.31
05/04/2023 13:25:00	1.37	0.00	34.24	99.27
05/04/2023 13:30:00	1.41	0.00	34.54	99.26
05/04/2023 13:35:00	1.72	0.00	35.45	99.29
05/04/2023 13:40:00	1.41	0.00	34.54	99.28
05/04/2023 13:45:00	1.69	0.00	35.58	99.24
05/04/2023 13:50:00	1.97	0.00	35.47	99.27
05/04/2023 13:55:00	1.34	0.00	35.14	99.19
05/04/2023 14:00:00	1.34	0.00	34.38	99.18
05/04/2023 14:05:00	1.41	0.00	34.56	99.22
05/04/2023 14:10:00	1.41	0.00	35.33	99.19
05/04/2023 14:15:00	1.34	0.00	35.03	99.15
05/04/2023 14:20:00	1.41	0.00	35.31	99.20
05/04/2023 14:25:00	1.37	0.00	34.56	99.16
05/04/2023 14:30:00	1.53	0.00	36.23	99.24
05/04/2023 14:35:00	1.43	0.00	35.47	99.11
05/04/2023 14:40:00	1.53	0.00	36.82	99.16
05/04/2023 14:45:00	1.55	0.00	36.54	99.22
05/04/2023 14:50:00	2.11	0.00	35.77	99.24
05/04/2023 14:55:00	1.92	0.00	36.96	99.19
05/04/2023 15:00:00	1.83	0.00	35.45	99.10
05/04/2023 15:05:00	1.85	0.00	36.38	99.08
05/04/2023 15:10:00	1.27	0.00	35.91	99.07
05/04/2023 15:15:00	1.79	0.00	37.28	99.10
05/04/2023 15:20:00	2.64	0.00	36.07	99.02
05/04/2023 15:25:00	1.37	0.00	35.31	99.02
05/04/2023 15:30:00	1.67	0.00	36.84	99.04
05/04/2023 15:35:00	1.74	0.00	36.87	99.04
05/04/2023 15:40:00	1.55	0.00	35.93	99.01
05/04/2023 15:45:00	1.79	0.00	36.87	99.00
05/04/2023 15:50:00	1.64	0.00	36.84	98.99
05/04/2023 15:55:00	1.74	0.00	36.54	99.00
05/04/2023 16:00:00	1.50	0.00	36.26	98.97
05/04/2023 16:05:00	1.16	0.00	35.36	98.97
05/04/2023 16:10:00	1.50	0.00	36.26	98.97
05/04/2023 16:15:00	1.18	0.00	35.36	98.98
05/04/2023 16:20:00	1.25	0.00	35.49	98.95
05/04/2023 16:25:00	1.21	0.00	35.65	98.96

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)
05/04/2023 16:30:00	1.16	0.00	36.89	98.94
05/04/2023 16:35:00	0.97	0.00	35.49	98.95
05/04/2023 16:40:00	1.01	0.00	36.56	98.94
05/04/2023 16:45:00	0.74	0.00	35.93	98.93
05/04/2023 16:50:00	1.43	0.00	36.42	98.91
05/04/2023 16:55:00	0.85	0.00	36.26	98.90
05/04/2023 17:00:00	1.18	0.00	35.47	98.91
05/04/2023 17:05:00	0.65	0.00	35.16	98.91
05/04/2023 17:10:00	0.72	0.00	34.13	98.91
05/04/2023 17:15:00	0.48	0.00	34.73	98.93
05/04/2023 17:20:00	0.58	0.00	34.13	98.92
05/04/2023 17:25:00	0.50	0.00	33.96	98.93
05/04/2023 17:30:00	0.37	0.00	34.15	98.93
05/04/2023 17:35:00	0.46	0.00	35.22	98.93
05/04/2023 17:40:00	0.41	0.00	34.13	98.93
05/04/2023 17:45:00	0.46	0.00	33.22	98.93
05/04/2023 17:50:00	0.34	0.00	32.75	98.95
05/04/2023 17:55:00	0.32	0.00	32.91	98.95
05/04/2023 18:00:00	0.30	0.00	32.29	98.96
05/04/2023 18:05:00	0.53	0.00	33.20	98.96
05/04/2023 18:10:00	0.92	0.00	32.73	98.94
05/04/2023 18:15:00	0.25	0.00	31.85	98.96
05/04/2023 18:20:00	0.46	0.00	31.85	98.96
05/04/2023 18:25:00	0.18	0.00	31.39	98.99
05/04/2023 18:30:00	0.21	0.00	30.95	98.99
05/04/2023 18:35:00	0.25	0.00	31.39	98.99
05/04/2023 18:40:00	0.63	0.00	30.78	99.00
05/04/2023 18:45:00	0.27	0.00	30.48	99.02
05/04/2023 18:50:00	0.30	0.00	29.88	99.02
05/04/2023 18:55:00	0.21	0.00	30.32	99.02
05/04/2023 19:00:00	0.14	0.00	29.85	99.03
05/04/2023 19:05:00	0.16	0.00	29.57	99.05
05/04/2023 19:10:00	0.14	0.00	29.73	99.05
05/04/2023 19:15:00	0.18	0.00	28.95	99.05
05/04/2023 19:20:00	0.11	0.00	29.73	99.07
05/04/2023 19:25:00	0.27	0.00	29.13	99.07
05/04/2023 19:30:00	0.16	0.00	28.66	99.08
05/04/2023 19:35:00	0.11	0.00	28.97	99.08
05/04/2023 19:40:00	0.09	0.00	29.11	99.08
05/04/2023 19:45:00	0.07	0.00	28.18	99.10
05/04/2023 19:50:00	0.14	0.00	28.69	99.12
05/04/2023 19:55:00	0.11	0.00	28.53	99.12
05/04/2023 20:00:00	0.07	0.00	28.37	99.12
05/04/2023 20:05:00	0.34	0.00	28.06	99.13
05/04/2023 20:10:00	0.25	0.00	28.37	99.13
05/04/2023 20:15:00	0.09	0.00	28.34	99.13
05/04/2023 20:20:00	0.09	0.00	27.60	99.16
05/04/2023 20:25:00	0.16	0.00	28.06	99.14
05/04/2023 20:30:00	0.39	0.00	28.06	99.16
05/04/2023 20:35:00	1.62	0.00	28.23	99.18
05/04/2023 20:40:00	0.21	0.00	27.92	99.19
05/04/2023 20:45:00	0.18	0.00	28.23	99.19
05/04/2023 20:50:00	0.09	0.00	27.92	99.21

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)
05/04/2023 20:55:00	0.14	0.00	27.18	99.23
05/04/2023 21:00:00	0.09	0.00	27.18	99.24
05/04/2023 21:05:00	0.18	0.00	27.92	99.24
05/04/2023 21:10:00	0.11	0.00	27.32	99.26
05/04/2023 21:15:00	0.18	0.00	27.65	99.26
05/04/2023 21:20:00	0.21	0.00	27.46	99.27
05/04/2023 21:25:00	0.11	0.00	27.63	99.26
05/04/2023 21:30:00	0.18	0.00	27.46	99.26
05/04/2023 21:35:00	0.25	0.00	27.02	99.27
05/04/2023 21:40:00	0.14	0.00	27.63	99.29
05/04/2023 21:45:00	0.18	0.00	26.72	99.29
05/04/2023 21:50:00	0.18	0.00	27.02	99.28
05/04/2023 21:55:00	0.23	0.00	27.16	99.30
05/04/2023 22:00:00	0.18	0.00	27.46	99.29
05/04/2023 22:05:00	0.23	0.00	26.86	99.30
05/04/2023 22:10:00	0.18	0.00	26.88	99.31
05/04/2023 22:15:00	0.18	0.00	27.16	99.30
05/04/2023 22:20:00	0.11	0.00	26.56	99.31
05/04/2023 22:25:00	0.16	0.00	26.41	99.32
05/04/2023 22:30:00	2.11	0.00	27.04	99.31
05/04/2023 22:35:00	0.72	0.00	26.70	99.32
05/04/2023 22:40:00	1.11	0.00	26.39	99.32
05/04/2023 22:45:00	1.23	0.00	27.32	99.32
05/04/2023 22:50:00	1.46	0.00	27.16	99.30
05/04/2023 22:55:00	2.25	0.00	26.72	99.31
05/04/2023 23:00:00	1.14	0.00	27.02	99.32
05/04/2023 23:05:00	1.67	0.00	26.99	99.31
05/04/2023 23:10:00	1.21	0.00	27.18	99.32
05/04/2023 23:15:00	1.50	0.00	27.16	99.31
05/04/2023 23:20:00	2.76	0.00	26.56	99.32
05/04/2023 23:25:00	1.04	0.00	26.56	99.31
05/04/2023 23:30:00	1.67	0.00	27.02	99.30
05/04/2023 23:35:00	1.64	0.00	26.39	99.31
05/04/2023 23:40:00	1.88	0.00	26.72	99.30
05/04/2023 23:45:00	1.92	0.00	27.02	99.32
05/04/2023 23:50:00	0.81	0.00	26.72	99.30
05/04/2023 23:55:00	1.53	0.00	26.70	99.29