



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: 04/04/2023

Tới: 04/04/2023

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)
04/04/2023 00:00:00	4.57	0.00	24.86	99.15
04/04/2023 00:05:00	4.20	0.00	24.25	99.15
04/04/2023 00:10:00	5.59	0.00	24.88	99.15
04/04/2023 00:15:00	5.45	0.00	24.58	99.16
04/04/2023 00:20:00	5.91	0.00	24.74	99.13
04/04/2023 00:25:00	4.91	0.00	24.40	99.13
04/04/2023 00:30:00	6.20	0.00	24.86	99.14
04/04/2023 00:35:00	8.07	0.00	24.54	99.14
04/04/2023 00:40:00	8.33	0.00	23.96	99.15
04/04/2023 00:45:00	8.29	0.00	24.72	99.12
04/04/2023 00:50:00	5.55	0.00	24.23	99.11
04/04/2023 00:55:00	6.49	0.00	24.54	99.09
04/04/2023 01:00:00	7.19	0.00	24.23	99.08
04/04/2023 01:05:00	4.55	0.00	24.09	99.06
04/04/2023 01:10:00	6.73	0.00	23.93	99.08
04/04/2023 01:15:00	5.26	0.00	24.42	99.09
04/04/2023 01:20:00	5.47	0.00	24.09	99.08
04/04/2023 01:25:00	6.38	0.00	23.93	99.07
04/04/2023 01:30:00	5.31	0.00	24.54	99.04
04/04/2023 01:35:00	5.84	0.00	24.42	99.05
04/04/2023 01:40:00	4.24	0.00	24.40	99.04
04/04/2023 01:45:00	4.78	0.00	24.40	99.02
04/04/2023 01:50:00	6.47	0.00	24.25	99.01
04/04/2023 01:55:00	6.03	0.00	24.23	99.04
04/04/2023 02:00:00	6.15	0.00	24.25	99.02
04/04/2023 02:05:00	4.31	0.00	23.96	98.99
04/04/2023 02:10:00	4.50	0.00	24.09	98.98
04/04/2023 02:15:00	5.75	0.00	24.40	98.99
04/04/2023 02:20:00	4.15	0.00	24.56	98.98
04/04/2023 02:25:00	4.66	0.00	24.42	98.97
04/04/2023 02:30:00	3.94	0.00	24.12	98.97
04/04/2023 02:35:00	4.57	0.00	24.42	98.98
04/04/2023 02:40:00	4.04	0.00	24.12	98.98
04/04/2023 02:45:00	4.26	0.00	23.67	98.97
04/04/2023 02:50:00	4.75	0.00	23.82	98.99
04/04/2023 02:55:00	4.55	0.00	23.96	98.96
04/04/2023 03:00:00	4.04	0.00	24.25	98.96
04/04/2023 03:05:00	3.99	0.00	23.98	98.96
04/04/2023 03:10:00	4.68	0.00	24.28	98.97
04/04/2023 03:15:00	4.48	0.00	24.56	98.96
04/04/2023 03:20:00	3.99	0.00	24.12	98.99

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)
04/04/2023 03:25:00	5.33	0.00	24.28	98.97
04/04/2023 03:30:00	4.89	0.00	23.98	98.98
04/04/2023 03:35:00	4.82	0.00	23.82	98.96
04/04/2023 03:40:00	4.33	0.00	23.65	98.96
04/04/2023 03:45:00	2.06	0.00	23.65	98.94
04/04/2023 03:50:00	1.55	0.00	23.65	98.96
04/04/2023 03:55:00	2.64	0.00	23.79	98.96
04/04/2023 04:00:00	1.50	0.00	24.12	98.96
04/04/2023 04:05:00	1.30	0.00	23.96	98.94
04/04/2023 04:10:00	0.74	0.00	24.40	98.93
04/04/2023 04:15:00	0.48	0.00	24.12	98.95
04/04/2023 04:20:00	0.46	0.00	23.82	98.94
04/04/2023 04:25:00	0.56	0.00	24.42	98.93
04/04/2023 04:30:00	0.50	0.00	24.25	98.92
04/04/2023 04:35:00	0.34	0.00	24.25	98.93
04/04/2023 04:40:00	0.34	0.00	24.12	98.96
04/04/2023 04:45:00	0.37	0.00	24.12	98.96
04/04/2023 04:50:00	0.18	0.00	24.25	98.96
04/04/2023 04:55:00	0.07	0.00	23.91	98.97
04/04/2023 05:00:00	0.14	0.00	24.40	98.98
04/04/2023 05:05:00	0.11	0.00	24.23	98.99
04/04/2023 05:10:00	0.14	0.00	23.79	98.99
04/04/2023 05:15:00	0.16	0.00	23.65	99.02
04/04/2023 05:20:00	0.02	0.00	23.79	99.02
04/04/2023 05:25:00	0.07	0.00	24.40	99.05
04/04/2023 05:30:00	0.07	0.00	24.40	99.05
04/04/2023 05:35:00	0.02	0.00	24.25	99.05
04/04/2023 05:40:00	0.11	0.00	24.25	99.02
04/04/2023 05:45:00	0.16	0.00	23.79	99.02
04/04/2023 05:50:00	0.02	0.00	24.07	99.02
04/04/2023 05:55:00	0.09	0.00	24.23	99.04
04/04/2023 06:00:00	0.02	0.00	24.09	99.05
04/04/2023 06:05:00	0.07	0.00	23.65	99.06
04/04/2023 06:10:00	0.14	0.00	24.25	99.03
04/04/2023 06:15:00	0.07	0.00	23.63	99.04
04/04/2023 06:20:00	0.00	0.00	23.89	99.06
04/04/2023 06:25:00	0.07	0.00	24.42	99.08
04/04/2023 06:30:00	0.09	0.00	23.49	99.08
04/04/2023 06:35:00	0.18	0.00	23.79	99.08
04/04/2023 06:40:00	0.09	0.00	24.25	99.08
04/04/2023 06:45:00	0.02	0.00	23.98	99.10
04/04/2023 06:50:00	0.02	0.00	23.96	99.11
04/04/2023 06:55:00	0.07	0.00	23.65	99.11
04/04/2023 07:00:00	0.00	0.00	23.63	99.12
04/04/2023 07:05:00	0.00	0.00	24.42	99.13
04/04/2023 07:10:00	0.02	0.00	24.25	99.16
04/04/2023 07:15:00	0.02	0.00	23.79	99.14
04/04/2023 07:20:00	0.05	0.00	23.79	99.16
04/04/2023 07:25:00	0.02	0.00	23.67	99.18
04/04/2023 07:30:00	0.00	0.00	23.45	99.17
04/04/2023 07:35:00	0.09	0.00	23.65	99.18
04/04/2023 07:40:00	0.00	0.00	23.79	99.19
04/04/2023 07:45:00	0.02	0.00	24.07	99.20
04/04/2023 07:50:00	0.02	0.00	24.07	99.22
04/04/2023 07:55:00	0.02	0.00	23.96	99.22
04/04/2023 08:00:00	0.05	0.00	24.23	99.19

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)
04/04/2023 08:05:00	0.11	0.00	24.40	99.16
04/04/2023 08:10:00	0.18	0.00	24.56	99.19
04/04/2023 08:15:00	0.11	0.00	23.79	99.19
04/04/2023 08:20:00	0.05	0.00	24.40	99.19
04/04/2023 08:25:00	0.07	0.00	23.96	99.19
04/04/2023 08:30:00	0.07	0.00	24.23	99.19
04/04/2023 08:35:00	0.05	0.00	23.63	99.19
04/04/2023 08:40:00	0.07	0.00	23.61	99.19
04/04/2023 08:45:00	0.05	0.00	24.25	99.19
04/04/2023 08:50:00	0.07	0.00	23.98	99.20
04/04/2023 08:55:00	0.05	0.00	24.42	99.19
04/04/2023 09:00:00	0.14	0.00	23.96	99.21
04/04/2023 09:05:00	0.14	0.00	24.25	99.22
04/04/2023 09:10:00	0.07	0.00	23.96	99.20
04/04/2023 09:15:00	0.05	0.00	24.25	99.21
04/04/2023 09:20:00	0.00	0.00	23.96	99.20
04/04/2023 09:25:00	0.05	0.00	24.86	99.19
04/04/2023 09:30:00	0.05	0.00	24.09	99.21
04/04/2023 09:35:00	0.09	0.00	24.88	99.22
04/04/2023 09:40:00	0.09	0.00	24.56	99.22
04/04/2023 09:45:00	0.07	0.00	24.40	99.21
04/04/2023 09:50:00	0.14	0.00	24.83	99.21
04/04/2023 09:55:00	0.09	0.00	24.56	99.22
04/04/2023 10:00:00	0.11	0.00	25.02	99.22
04/04/2023 10:05:00	0.09	0.00	24.86	99.22
04/04/2023 10:10:00	0.09	0.00	24.86	99.22
04/04/2023 10:15:00	0.09	0.00	25.16	99.22
04/04/2023 10:20:00	0.05	0.00	25.60	99.21
04/04/2023 10:25:00	0.09	0.00	25.00	99.20
04/04/2023 10:30:00	0.07	0.00	25.14	99.20
04/04/2023 10:35:00	0.23	0.00	25.60	99.21
04/04/2023 10:40:00	0.53	0.00	25.47	99.19
04/04/2023 10:45:00	0.07	0.00	25.14	99.19
04/04/2023 10:50:00	0.21	0.00	26.09	99.21
04/04/2023 10:55:00	0.37	0.00	25.76	99.20
04/04/2023 11:00:00	0.23	0.00	26.07	99.18
04/04/2023 11:05:00	0.16	0.00	26.34	99.18
04/04/2023 11:10:00	0.30	0.00	26.67	99.19
04/04/2023 11:15:00	0.18	0.00	26.83	99.18
04/04/2023 11:20:00	0.11	0.00	26.83	99.19
04/04/2023 11:25:00	0.16	0.00	26.67	99.18
04/04/2023 11:30:00	0.25	0.00	27.14	99.17
04/04/2023 11:35:00	0.34	0.00	26.83	99.16
04/04/2023 11:40:00	0.18	0.00	27.44	99.16
04/04/2023 11:45:00	0.23	0.00	27.30	99.16
04/04/2023 11:50:00	0.30	0.00	27.28	99.14
04/04/2023 11:55:00	0.32	0.00	27.74	99.13
04/04/2023 12:00:00	0.34	0.00	27.55	99.13
04/04/2023 12:05:00	0.37	0.00	27.86	99.13
04/04/2023 12:10:00	0.34	0.00	28.16	99.11
04/04/2023 12:15:00	0.41	0.00	28.02	99.09
04/04/2023 12:20:00	0.46	0.00	28.79	99.08
04/04/2023 12:25:00	0.67	0.00	29.13	99.08
04/04/2023 12:30:00	0.60	0.00	29.23	99.08
04/04/2023 12:35:00	0.56	0.00	28.95	99.07
04/04/2023 12:40:00	0.56	0.00	29.55	99.06

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)
04/04/2023 12:45:00	0.43	0.00	29.25	99.06
04/04/2023 12:50:00	0.65	0.00	29.39	99.02
04/04/2023 12:55:00	0.63	0.00	29.85	99.02
04/04/2023 13:00:00	0.50	0.00	30.15	99.01
04/04/2023 13:05:00	0.74	0.00	30.15	99.00
04/04/2023 13:10:00	0.53	0.00	30.01	98.99
04/04/2023 13:15:00	0.67	0.00	30.01	98.96
04/04/2023 13:20:00	0.50	0.00	30.17	98.96
04/04/2023 13:25:00	0.60	0.00	30.46	98.94
04/04/2023 13:30:00	0.85	0.00	30.59	98.93
04/04/2023 13:35:00	0.63	0.00	30.43	98.92
04/04/2023 13:40:00	0.50	0.00	30.29	98.91
04/04/2023 13:45:00	0.76	0.00	30.90	98.91
04/04/2023 13:50:00	0.65	0.00	30.90	98.90
04/04/2023 13:55:00	0.65	0.00	30.90	98.91
04/04/2023 14:00:00	0.60	0.00	31.20	98.88
04/04/2023 14:05:00	0.99	0.00	31.66	98.88
04/04/2023 14:10:00	2.53	0.00	30.90	98.85
04/04/2023 14:15:00	1.95	0.00	30.88	98.84
04/04/2023 14:20:00	1.74	0.00	31.53	98.85
04/04/2023 14:25:00	1.72	0.00	31.50	98.84
04/04/2023 14:30:00	1.74	0.00	31.06	98.84
04/04/2023 14:35:00	1.74	0.00	31.50	98.82
04/04/2023 14:40:00	2.08	0.00	31.50	98.82
04/04/2023 14:45:00	2.37	0.00	31.69	98.82
04/04/2023 14:50:00	2.06	0.00	31.66	98.82
04/04/2023 14:55:00	1.90	0.00	31.50	98.81
04/04/2023 15:00:00	2.04	0.00	31.33	98.80
04/04/2023 15:05:00	2.11	0.00	31.69	98.80
04/04/2023 15:10:00	2.41	0.00	31.22	98.79
04/04/2023 15:15:00	1.72	0.00	30.92	98.81
04/04/2023 15:20:00	1.39	0.00	30.46	98.81
04/04/2023 15:25:00	1.30	0.00	30.90	98.81
04/04/2023 15:30:00	2.53	0.00	31.36	98.79
04/04/2023 15:35:00	2.66	0.00	30.59	98.79
04/04/2023 15:40:00	2.25	0.00	30.59	98.79
04/04/2023 15:45:00	2.53	0.00	31.22	98.79
04/04/2023 15:50:00	3.29	0.00	31.22	98.79
04/04/2023 15:55:00	3.13	0.00	31.39	98.77
04/04/2023 16:00:00	2.23	0.00	30.75	98.78
04/04/2023 16:05:00	1.88	0.00	30.59	98.77
04/04/2023 16:10:00	1.81	0.00	30.46	98.76
04/04/2023 16:15:00	1.59	0.00	30.62	98.76
04/04/2023 16:20:00	1.57	0.00	30.48	98.76
04/04/2023 16:25:00	2.20	0.00	30.59	98.77
04/04/2023 16:30:00	1.95	0.00	30.46	98.77
04/04/2023 16:35:00	1.92	0.00	30.29	98.78
04/04/2023 16:40:00	1.95	0.00	30.32	98.79
04/04/2023 16:45:00	1.57	0.00	30.75	98.77
04/04/2023 16:50:00	2.08	0.00	30.29	98.77
04/04/2023 16:55:00	1.90	0.00	29.85	98.77
04/04/2023 17:00:00	2.27	0.00	30.32	98.78
04/04/2023 17:05:00	2.13	0.00	30.01	98.77
04/04/2023 17:10:00	2.27	0.00	30.32	98.79
04/04/2023 17:15:00	2.30	0.00	29.55	98.79
04/04/2023 17:20:00	2.37	0.00	29.41	98.81

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)
04/04/2023 17:25:00	2.55	0.00	29.27	98.79
04/04/2023 17:30:00	2.66	0.00	29.41	98.79
04/04/2023 17:35:00	2.76	0.00	29.55	98.81
04/04/2023 17:40:00	2.73	0.00	29.53	98.79
04/04/2023 17:45:00	3.01	0.00	29.27	98.81
04/04/2023 17:50:00	2.37	0.00	28.81	98.80
04/04/2023 17:55:00	2.64	0.00	28.48	98.81
04/04/2023 18:00:00	3.08	0.00	28.95	98.81
04/04/2023 18:05:00	4.04	0.00	28.64	98.82
04/04/2023 18:10:00	2.69	0.00	28.34	98.83
04/04/2023 18:15:00	2.37	0.00	28.50	98.81
04/04/2023 18:20:00	3.32	0.00	27.90	98.83
04/04/2023 18:25:00	2.48	0.00	27.88	98.82
04/04/2023 18:30:00	1.83	0.00	27.76	98.84
04/04/2023 18:35:00	0.16	0.00	27.57	98.83
04/04/2023 18:40:00	0.07	0.00	27.63	98.84
04/04/2023 18:45:00	0.07	0.00	27.92	98.86
04/04/2023 18:50:00	0.07	0.00	27.60	98.87
04/04/2023 18:55:00	0.07	0.00	27.57	98.87
04/04/2023 19:00:00	0.09	0.00	27.14	98.86
04/04/2023 19:05:00	0.02	0.00	26.81	98.87
04/04/2023 19:10:00	0.05	0.00	27.30	98.89
04/04/2023 19:15:00	0.05	0.00	27.44	98.88
04/04/2023 19:20:00	0.09	0.00	26.97	98.90
04/04/2023 19:25:00	0.09	0.00	26.99	98.90
04/04/2023 19:30:00	0.05	0.00	26.54	98.91
04/04/2023 19:35:00	0.05	0.00	26.67	98.91
04/04/2023 19:40:00	0.02	0.00	26.67	98.92
04/04/2023 19:45:00	0.07	0.00	26.54	98.92
04/04/2023 19:50:00	0.02	0.00	26.50	98.92
04/04/2023 19:55:00	0.02	0.00	26.83	98.93
04/04/2023 20:00:00	0.00	0.00	26.18	98.93
04/04/2023 20:05:00	0.05	0.00	26.07	98.94
04/04/2023 20:10:00	0.16	0.00	26.37	98.94
04/04/2023 20:15:00	0.05	0.00	26.67	98.96
04/04/2023 20:20:00	0.11	0.00	26.25	98.97
04/04/2023 20:25:00	0.05	0.00	26.39	98.97
04/04/2023 20:30:00	0.02	0.00	26.37	98.98
04/04/2023 20:35:00	0.05	0.00	26.21	98.98
04/04/2023 20:40:00	0.05	0.00	25.93	99.01
04/04/2023 20:45:00	0.05	0.00	26.39	99.00
04/04/2023 20:50:00	0.07	0.00	25.90	99.01
04/04/2023 20:55:00	0.02	0.00	26.39	99.02
04/04/2023 21:00:00	0.05	0.00	26.39	99.02
04/04/2023 21:05:00	0.05	0.00	26.39	99.02
04/04/2023 21:10:00	0.02	0.00	25.90	99.02
04/04/2023 21:15:00	0.05	0.00	25.76	99.03
04/04/2023 21:20:00	0.05	0.00	25.76	99.03
04/04/2023 21:25:00	0.07	0.00	25.76	99.04
04/04/2023 21:30:00	0.02	0.00	26.09	99.04
04/04/2023 21:35:00	0.05	0.00	26.23	99.04
04/04/2023 21:40:00	0.07	0.00	25.79	99.04
04/04/2023 21:45:00	0.05	0.00	25.47	99.04
04/04/2023 21:50:00	0.07	0.00	25.49	99.04
04/04/2023 21:55:00	0.07	0.00	25.47	99.03
04/04/2023 22:00:00	0.02	0.00	25.95	99.05

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 ($^{\circ}\text{C}$)	P (kPa)
04/04/2023 22:05:00	0.07	0.00	25.93	99.06
04/04/2023 22:10:00	0.05	0.00	25.47	99.05
04/04/2023 22:15:00	0.07	0.00	25.76	99.05
04/04/2023 22:20:00	0.11	0.00	25.30	99.05
04/04/2023 22:25:00	0.07	0.00	25.93	99.06
04/04/2023 22:30:00	0.16	0.00	25.00	99.05
04/04/2023 22:35:00	0.16	0.00	25.79	99.06
04/04/2023 22:40:00	0.11	0.00	25.14	99.05
04/04/2023 22:45:00	0.11	0.00	25.30	99.06
04/04/2023 22:50:00	0.18	0.00	25.76	99.08
04/04/2023 22:55:00	0.14	0.00	25.63	99.06
04/04/2023 23:00:00	0.16	0.00	25.30	99.06
04/04/2023 23:05:00	0.07	0.00	25.00	99.07
04/04/2023 23:10:00	0.05	0.00	25.60	99.07
04/04/2023 23:15:00	0.02	0.00	24.98	99.06
04/04/2023 23:20:00	0.07	0.00	25.19	99.08
04/04/2023 23:25:00	0.05	0.00	25.30	99.05
04/04/2023 23:30:00	0.05	0.00	25.47	99.05
04/04/2023 23:35:00	0.05	0.00	25.60	99.05
04/04/2023 23:40:00	0.05	0.00	25.35	99.07
04/04/2023 23:45:00	0.07	0.00	25.16	99.04
04/04/2023 23:50:00	0.02	0.00	25.47	99.05
04/04/2023 23:55:00	0.02	0.00	25.47	99.04