



BÁO CÁO KẾT QUẢ QUAN TRẮC TRUNG BÌNH 5 PHÚT

Tên cơ sở: Xi măng Quang Sơn

Tên trạm: Ống khói làm nguội

Thời gian báo cáo: Từ: 11/04/2023

Tới: 11/04/2023

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)
11/04/2023 00:00:00	1.08	20,239.57	21.23	99.75
11/04/2023 00:05:00	1.01	20,593.58	21.87	99.73
11/04/2023 00:10:00	0.85	0.00	21.55	99.73
11/04/2023 00:15:00	1.08	19,501.03	21.23	99.75
11/04/2023 00:20:00	1.04	20,965.90	21.81	99.75
11/04/2023 00:25:00	0.85	20,355.54	21.06	99.73
11/04/2023 00:30:00	0.97	0.00	21.08	99.73
11/04/2023 00:35:00	0.99	20,093.08	21.25	99.73
11/04/2023 00:40:00	0.92	19,244.68	21.55	99.72
11/04/2023 00:45:00	1.13	20,093.08	21.23	99.73
11/04/2023 00:50:00	1.04	20,483.71	21.39	99.71
11/04/2023 00:55:00	0.95	19,983.22	21.85	99.69
11/04/2023 01:00:00	0.95	20,611.89	21.55	99.68
11/04/2023 01:05:00	0.74	20,965.90	21.20	99.65
11/04/2023 01:10:00	0.37	19,781.80	21.73	99.65
11/04/2023 01:15:00	0.55	19,262.99	21.68	99.65
11/04/2023 01:20:00	0.79	20,239.57	21.36	99.66
11/04/2023 01:25:00	0.60	20,856.03	21.39	99.67
11/04/2023 01:30:00	0.97	20,819.41	21.68	99.65
11/04/2023 01:35:00	0.88	20,148.01	21.20	99.65
11/04/2023 01:40:00	0.97	19,372.85	21.25	99.65
11/04/2023 01:45:00	0.90	19,855.04	21.08	99.64
11/04/2023 01:50:00	0.90	19,018.84	21.25	99.61
11/04/2023 01:55:00	0.81	0.00	21.85	99.62
11/04/2023 02:00:00	0.95	20,611.89	21.41	99.63
11/04/2023 02:05:00	1.43	20,129.70	21.68	99.61
11/04/2023 02:10:00	1.17	19,501.03	21.52	99.62
11/04/2023 02:15:00	0.88	0.00	21.41	99.62
11/04/2023 02:20:00	0.88	21,094.07	21.41	99.61
11/04/2023 02:25:00	1.13	19,409.48	21.68	99.61
11/04/2023 02:30:00	1.15	20,465.40	21.71	99.58
11/04/2023 02:35:00	1.17	19,909.97	21.08	99.58

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)
11/04/2023 02:40:00	1.17	20,257.88	21.25	99.58
11/04/2023 02:45:00	1.46	19,262.99	21.25	99.55
11/04/2023 02:50:00	1.25	20,001.53	21.08	99.56
11/04/2023 02:55:00	1.48	20,355.54	21.57	99.56
11/04/2023 03:00:00	1.17	21,338.22	20.76	99.55
11/04/2023 03:05:00	1.04	20,166.32	20.94	99.55
11/04/2023 03:10:00	1.34	20,355.54	21.08	99.55
11/04/2023 03:15:00	0.95	20,856.03	20.81	99.57
11/04/2023 03:20:00	0.92	20,129.70	21.25	99.56
11/04/2023 03:25:00	1.04	20,392.16	21.41	99.56
11/04/2023 03:30:00	1.30	19,763.49	20.62	99.55
11/04/2023 03:35:00	1.06	20,611.89	20.78	99.56
11/04/2023 03:40:00	1.20	0.00	21.23	99.54
11/04/2023 03:45:00	1.20	19,983.22	21.41	99.55
11/04/2023 03:50:00	1.39	19,372.85	20.90	99.56
11/04/2023 03:55:00	1.04	20,239.57	21.39	99.58
11/04/2023 04:00:00	1.20	0.00	21.25	99.61
11/04/2023 04:05:00	0.92	19,018.84	21.06	99.58
11/04/2023 04:10:00	1.04	19,781.80	21.25	99.62
11/04/2023 04:15:00	1.11	20,965.90	21.08	99.60
11/04/2023 04:20:00	1.27	20,239.57	21.08	99.61
11/04/2023 04:25:00	1.53	20,611.89	21.39	99.60
11/04/2023 04:35:00	0.97	20,965.90	21.08	99.59
11/04/2023 04:40:00	1.11	19,983.22	20.81	99.62
11/04/2023 04:45:00	1.27	21,112.38	21.27	99.63
11/04/2023 04:50:00	1.23	20,483.71	20.62	99.62
11/04/2023 04:55:00	1.08	21,203.94	21.08	99.64
11/04/2023 05:00:00	1.08	20,703.44	20.49	99.62
11/04/2023 05:05:00	1.06	20,630.20	21.25	99.65
11/04/2023 05:10:00	1.20	20,611.89	20.97	99.64
11/04/2023 05:15:00	1.23	21,094.07	21.23	99.65
11/04/2023 05:20:00	0.99	19,629.21	20.67	99.67
11/04/2023 05:25:00	0.95	19,610.89	21.23	99.66
11/04/2023 05:30:00	1.13	20,355.54	20.78	99.68
11/04/2023 05:35:00	0.99	20,373.85	21.08	99.68
11/04/2023 05:40:00	1.04	20,874.34	20.94	99.66
11/04/2023 05:45:00	1.08	21,112.38	20.78	99.69
11/04/2023 05:50:00	1.08	20,355.54	20.78	99.67
11/04/2023 05:55:00	1.01	0.00	20.94	99.70
11/04/2023 06:00:00	0.95	21,203.94	20.92	99.70
11/04/2023 06:05:00	0.95	21,222.25	21.11	99.73
11/04/2023 06:10:00	0.97	20,740.06	20.81	99.72
11/04/2023 06:15:00	0.90	20,630.20	20.78	99.70
11/04/2023 06:20:00	0.99	21,240.56	20.65	99.74
11/04/2023 06:25:00	0.95	21,094.07	21.25	99.73
11/04/2023 06:30:00	0.99	20,483.71	20.49	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)
11/04/2023 06:35:00	1.23	21,240.56	21.08	99.74
11/04/2023 06:40:00	1.01	21,466.39	20.65	99.76
11/04/2023 06:45:00	0.95	21,466.39	20.53	99.76
11/04/2023 06:50:00	1.01	21,448.08	20.74	99.75
11/04/2023 06:55:00	1.13	20,740.06	21.08	99.76
11/04/2023 07:00:00	1.06	20,910.96	21.25	99.79
11/04/2023 07:05:00	1.01	20,721.75	20.51	99.79
11/04/2023 07:10:00	0.72	21,704.43	21.13	99.79
11/04/2023 07:15:00	0.79	21,594.57	20.78	99.80
11/04/2023 07:20:00	0.85	21,594.57	21.08	99.81
11/04/2023 07:25:00	0.79	21,704.43	21.41	99.83
11/04/2023 07:30:00	0.79	22,076.75	20.78	99.84
11/04/2023 07:35:00	1.15	22,204.93	21.59	99.85
11/04/2023 07:40:00	1.04	0.00	20.81	99.84
11/04/2023 07:45:00	0.92	22,076.75	21.25	99.86
11/04/2023 07:50:00	1.06	22,058.44	21.11	99.86
11/04/2023 07:55:00	1.01	21,966.89	20.94	99.87
11/04/2023 08:00:00	0.92	22,925.15	21.08	99.87
11/04/2023 08:05:00	1.06	22,815.29	20.94	99.87
11/04/2023 08:10:00	1.06	23,559.93	21.39	99.92
11/04/2023 08:15:00	0.97	23,169.30	21.52	99.91
11/04/2023 08:20:00	0.92	23,669.79	21.25	99.92
11/04/2023 08:25:00	1.01	23,169.30	21.71	99.92
11/04/2023 08:30:00	1.08	23,315.79	21.85	99.93
11/04/2023 08:35:00	0.90	23,761.35	21.68	99.93
11/04/2023 08:40:00	1.08	23,541.62	21.57	99.93
11/04/2023 08:45:00	0.92	23,370.72	21.08	99.95
11/04/2023 08:50:00	0.97	24,170.29	21.83	99.93
11/04/2023 08:55:00	0.95	23,779.66	21.97	99.96
11/04/2023 09:00:00	0.90	23,297.47	21.06	99.96
11/04/2023 09:05:00	0.79	23,523.31	21.83	99.93
11/04/2023 09:10:00	0.69	23,541.62	21.55	99.98
11/04/2023 09:15:00	0.63	23,907.84	21.23	99.95
11/04/2023 09:20:00	0.63	23,871.21	21.55	99.94
11/04/2023 09:25:00	0.46	0.00	21.36	99.95
11/04/2023 09:30:00	0.21	23,669.79	21.99	99.96
11/04/2023 09:35:00	0.30	23,651.48	22.15	99.96
11/04/2023 09:40:00	0.18	24,481.57	21.52	99.96
11/04/2023 09:45:00	0.27	23,761.35	22.15	99.96
11/04/2023 09:50:00	0.11	24,261.84	21.52	99.97
11/04/2023 09:55:00	0.09	24,023.80	21.41	99.98
11/04/2023 10:00:00	0.14	23,889.52	21.68	99.97
11/04/2023 10:05:00	0.18	24,615.85	21.99	99.96
11/04/2023 10:10:00	0.27	23,651.48	22.01	99.97
11/04/2023 10:15:00	0.16	23,889.52	22.15	99.98
11/04/2023 10:20:00	0.09	24,597.54	21.99	99.96

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)
11/04/2023 10:25:00	0.07	24,371.71	22.31	99.97
11/04/2023 10:30:00	0.07	24,481.57	21.68	99.96
11/04/2023 10:35:00	0.11	24,115.36	22.26	99.98
11/04/2023 10:40:00	0.11	24,371.71	21.55	99.97
11/04/2023 10:45:00	0.07	24,499.89	22.29	99.97
11/04/2023 10:50:00	0.09	24,353.40	21.99	99.96
11/04/2023 10:55:00	0.11	24,725.72	21.66	99.96
11/04/2023 11:00:00	0.11	24,371.71	22.29	99.97
11/04/2023 11:05:00	0.14	24,353.40	21.97	99.98
11/04/2023 11:10:00	0.16	0.00	22.59	99.97
11/04/2023 11:15:00	0.18	23,981.08	21.97	99.94
11/04/2023 11:20:00	0.21	24,463.26	22.29	99.96
11/04/2023 11:25:00	0.11	24,005.49	22.13	99.94
11/04/2023 11:30:00	0.16	24,115.36	21.83	99.95
11/04/2023 11:35:00	0.14	23,614.86	22.26	99.94
11/04/2023 11:40:00	0.21	23,505.00	22.59	99.93
11/04/2023 11:45:00	0.16	23,523.31	22.13	99.92
11/04/2023 11:50:00	0.16	23,706.42	22.29	99.91
11/04/2023 11:55:00	0.21	23,260.85	22.15	99.90
11/04/2023 12:00:00	0.18	23,505.00	22.29	99.89
11/04/2023 12:05:00	0.14	23,114.37	22.89	99.87
11/04/2023 12:10:00	0.14	22,650.49	22.89	99.88
11/04/2023 12:15:00	0.14	23,150.99	22.10	99.86
11/04/2023 12:20:00	0.11	22,650.49	22.73	99.84
11/04/2023 12:25:00	0.11	23,486.69	22.08	99.84
11/04/2023 12:30:00	0.25	23,370.72	23.03	99.82
11/04/2023 12:35:00	0.21	22,888.53	22.26	99.82
11/04/2023 12:40:00	0.14	22,504.01	22.24	99.79
11/04/2023 12:45:00	0.16	22,870.22	22.84	99.80
11/04/2023 12:50:00	0.11	22,760.36	22.42	99.81
11/04/2023 12:55:00	0.18	0.00	22.73	99.78
11/04/2023 13:00:00	0.11	23,260.85	22.84	99.75
11/04/2023 13:05:00	0.14	22,986.19	22.40	99.75
11/04/2023 13:10:00	0.11	22,522.32	22.40	99.75
11/04/2023 13:15:00	0.18	22,388.04	22.42	99.75
11/04/2023 13:20:00	0.25	22,632.18	22.57	99.74
11/04/2023 13:25:00	0.14	21,795.99	23.19	99.71
11/04/2023 13:30:00	0.18	22,522.32	22.61	99.70
11/04/2023 13:35:00	0.21	22,522.32	23.22	99.68
11/04/2023 13:40:00	0.18	22,504.01	23.47	99.67
11/04/2023 13:45:00	0.21	22,650.49	23.33	99.67
11/04/2023 13:50:00	0.23	22,522.32	22.57	99.67
11/04/2023 13:55:00	0.23	21,704.43	22.89	99.66
11/04/2023 14:00:00	0.39	22,040.13	22.59	99.65
11/04/2023 14:05:00	0.30	21,795.99	23.05	99.66
11/04/2023 14:10:00	0.23	22,540.63	22.89	99.65

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)
11/04/2023 14:15:00	0.16	22,223.24	22.89	99.63
11/04/2023 14:20:00	0.21	22,296.48	22.87	99.62
11/04/2023 14:25:00	0.18	22,168.31	23.93	99.62
11/04/2023 14:30:00	0.14	21,167.32	23.65	99.62
11/04/2023 14:35:00	0.16	21,777.68	24.25	99.62
11/04/2023 14:40:00	0.18	0.00	24.39	99.61
11/04/2023 14:45:00	0.21	21,777.68	25.19	99.60
11/04/2023 14:50:00	0.21	21,539.64	25.32	99.58
11/04/2023 14:55:00	0.16	20,947.59	25.46	99.58
11/04/2023 15:00:00	0.23	20,965.90	25.19	99.58
11/04/2023 15:05:00	0.21	21,295.49	25.60	99.58
11/04/2023 15:10:00	0.18	20,318.91	25.62	99.58
11/04/2023 15:15:00	0.16	20,447.09	25.60	99.57
11/04/2023 15:20:00	0.16	20,611.89	25.62	99.55
11/04/2023 15:25:00	0.18	20,447.09	25.60	99.56
11/04/2023 15:30:00	0.18	20,318.91	25.95	99.54
11/04/2023 15:35:00	0.16	20,239.57	25.78	99.54
11/04/2023 15:40:00	0.21	19,501.03	25.32	99.54
11/04/2023 15:45:00	0.18	20,355.54	25.93	99.55
11/04/2023 15:50:00	0.27	19,836.73	25.30	99.53
11/04/2023 15:55:00	0.16	19,946.59	26.09	99.53
11/04/2023 16:00:00	0.16	20,337.22	26.09	99.53
11/04/2023 16:05:00	0.23	19,946.59	25.32	99.50
11/04/2023 16:10:00	0.18	19,354.54	25.80	99.51
11/04/2023 16:15:00	0.14	19,110.40	26.11	99.52
11/04/2023 16:20:00	0.25	18,872.36	25.35	99.52
11/04/2023 16:25:00	0.16	0.00	25.48	99.54
11/04/2023 16:30:00	0.21	19,262.99	26.09	99.52
11/04/2023 16:35:00	0.21	19,482.72	25.62	99.53
11/04/2023 16:40:00	0.27	19,128.71	25.35	99.52
11/04/2023 16:45:00	0.23	19,110.40	25.62	99.51
11/04/2023 16:50:00	0.11	19,128.71	26.09	99.50
11/04/2023 16:55:00	0.21	19,262.99	25.67	99.53
11/04/2023 17:00:00	0.21	18,646.52	25.32	99.53
11/04/2023 17:05:00	0.14	19,372.85	25.53	99.55
11/04/2023 17:10:00	0.23	19,519.34	25.19	99.53
11/04/2023 17:15:00	0.16	18,744.18	25.04	99.53
11/04/2023 17:20:00	0.21	18,762.49	25.19	99.55
11/04/2023 17:25:00	0.18	19,128.71	25.30	99.54
11/04/2023 17:30:00	0.23	19,482.72	24.86	99.54
11/04/2023 17:35:00	0.18	19,629.21	24.58	99.55
11/04/2023 17:40:00	0.27	18,744.18	24.88	99.53
11/04/2023 17:45:00	0.18	19,000.53	24.72	99.54
11/04/2023 17:50:00	0.21	19,055.47	25.35	99.55
11/04/2023 17:55:00	0.16	18,646.52	24.74	99.57
11/04/2023 18:00:00	0.21	19,873.35	25.19	99.56

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)
11/04/2023 18:05:00	0.18	19,128.71	25.04	99.58
11/04/2023 18:10:00	0.16	0.00	25.04	99.58
11/04/2023 18:15:00	0.16	19,372.85	24.41	99.58
11/04/2023 18:20:00	0.16	18,872.36	24.90	99.57
11/04/2023 18:25:00	0.11	18,982.22	25.19	99.59
11/04/2023 18:30:00	0.09	0.00	24.41	99.60
11/04/2023 18:35:00	0.14	19,720.76	24.72	99.61
11/04/2023 18:40:00	0.11	18,762.49	25.02	99.62
11/04/2023 18:45:00	0.14	18,890.67	25.02	99.63
11/04/2023 18:50:00	0.16	19,610.89	25.02	99.65
11/04/2023 18:55:00	0.23	19,391.17	25.37	99.66
11/04/2023 19:00:00	0.30	19,000.53	24.90	99.67
11/04/2023 19:05:00	0.43	18,872.36	24.88	99.66
11/04/2023 19:10:00	0.53	19,128.71	24.39	99.65
11/04/2023 19:15:00	0.50	19,000.53	25.19	99.67
11/04/2023 19:20:00	0.32	19,745.17	25.23	99.67
11/04/2023 19:25:00	0.37	19,244.68	24.44	99.68
11/04/2023 19:30:00	0.25	19,519.34	24.74	99.69
11/04/2023 19:35:00	0.21	19,482.72	24.72	99.71
11/04/2023 19:40:00	0.14	19,610.89	25.04	99.70
11/04/2023 19:45:00	0.18	19,891.66	24.28	99.71
11/04/2023 19:50:00	0.25	19,391.17	24.30	99.73
11/04/2023 19:55:00	0.23	0.00	25.06	99.73
11/04/2023 20:00:00	0.21	19,873.35	24.63	99.75
11/04/2023 20:05:00	0.16	19,262.99	25.19	99.75
11/04/2023 20:10:00	0.16	19,519.34	25.21	99.75
11/04/2023 20:15:00	0.34	0.00	24.32	99.76
11/04/2023 20:20:00	0.41	20,001.53	25.06	99.78
11/04/2023 20:25:00	0.48	19,147.02	24.63	99.78
11/04/2023 20:30:00	0.48	20,111.39	24.90	99.78
11/04/2023 20:35:00	0.55	19,372.85	25.04	99.78
11/04/2023 20:40:00	0.60	19,519.34	24.44	99.79
11/04/2023 20:45:00	0.55	19,629.21	24.30	99.80
11/04/2023 20:50:00	0.39	19,128.71	24.61	99.80
11/04/2023 20:55:00	0.69	19,781.80	24.00	99.82
11/04/2023 21:00:00	0.41	19,855.04	24.74	99.81
11/04/2023 21:05:00	0.34	19,519.34	24.28	99.82
11/04/2023 21:10:00	0.30	19,610.89	24.12	99.84
11/04/2023 21:15:00	0.27	19,873.35	24.16	99.84
11/04/2023 21:20:00	0.46	20,001.53	24.14	99.85
11/04/2023 21:25:00	0.63	19,720.76	24.72	99.84
11/04/2023 21:30:00	0.67	19,647.52	24.14	99.86
11/04/2023 21:35:00	0.57	20,129.70	24.49	99.86
11/04/2023 21:40:00	0.41	0.00	23.98	99.86
11/04/2023 21:45:00	0.18	19,684.14	24.44	99.87
11/04/2023 21:50:00	0.37	20,001.53	24.30	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)
11/04/2023 21:55:00	0.27	20,239.57	24.44	99.87
11/04/2023 22:00:00	0.27	20,111.39	23.98	99.89
11/04/2023 22:05:00	0.41	20,483.71	24.30	99.89
11/04/2023 22:10:00	0.21	19,610.89	23.84	99.88
11/04/2023 22:15:00	0.25	19,629.21	24.74	99.88
11/04/2023 22:20:00	0.07	20,502.02	24.12	99.89
11/04/2023 22:25:00	0.60	20,483.71	24.74	99.89
11/04/2023 22:30:00	0.69	19,501.03	24.61	99.89
11/04/2023 22:35:00	0.57	20,721.75	23.82	99.88
11/04/2023 22:40:00	0.18	20,001.53	23.51	99.88
11/04/2023 22:45:00	0.11	20,111.39	23.67	99.88
11/04/2023 22:50:00	0.16	19,983.22	24.28	99.88
11/04/2023 22:55:00	0.14	20,502.02	24.30	99.88
11/04/2023 23:00:00	0.07	20,355.54	24.14	99.87
11/04/2023 23:05:00	0.37	19,891.66	23.98	99.87
11/04/2023 23:10:00	0.21	20,282.29	24.30	99.88
11/04/2023 23:15:00	0.14	20,111.39	24.90	99.87
11/04/2023 23:20:00	0.18	20,148.01	24.30	99.87
11/04/2023 23:25:00	0.21	0.00	24.63	99.88
11/04/2023 23:30:00	0.18	19,501.03	24.63	99.86
11/04/2023 23:35:00	0.11	19,000.53	24.28	99.85
11/04/2023 23:40:00	0.32	19,873.35	24.77	99.85
11/04/2023 23:45:00	0.21	0.00	24.58	99.85
11/04/2023 23:50:00	0.18	20,740.06	24.77	99.86
11/04/2023 23:55:00	0.16	20,373.85	24.44	99.87