



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: 10/04/2023

Tới: 10/04/2023

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)
10/04/2023 00:00:00	0.30	0.00	19.12	100.10
10/04/2023 00:05:00	0.27	20,129.70	19.71	100.09
10/04/2023 00:10:00	0.23	19,891.66	19.28	100.12
10/04/2023 00:15:00	0.25	20,019.84	19.42	100.10
10/04/2023 00:20:00	0.21	20,074.77	19.42	100.06
10/04/2023 00:25:00	0.25	20,520.33	19.26	100.08
10/04/2023 00:30:00	0.23	20,111.39	19.55	100.06
10/04/2023 00:35:00	0.25	20,373.85	19.75	100.06
10/04/2023 00:40:00	0.27	20,282.29	19.17	100.05
10/04/2023 00:45:00	0.21	20,630.20	19.44	100.05
10/04/2023 00:50:00	0.30	19,891.66	19.30	100.04
10/04/2023 00:55:00	0.30	20,019.84	19.88	100.05
10/04/2023 01:00:00	0.25	20,019.84	19.44	100.04
10/04/2023 01:05:00	0.25	20,392.16	19.88	100.03
10/04/2023 01:10:00	0.32	20,148.01	19.91	100.02
10/04/2023 01:15:00	0.21	20,630.20	19.42	100.03
10/04/2023 01:20:00	0.25	20,148.01	20.04	100.03
10/04/2023 01:25:00	0.32	0.00	20.07	100.03
10/04/2023 01:30:00	0.41	19,647.52	19.46	100.01
10/04/2023 01:35:00	0.39	20,593.58	19.71	99.99
10/04/2023 01:40:00	0.41	20,129.70	19.26	99.98
10/04/2023 01:45:00	0.55	0.00	20.04	100.00
10/04/2023 01:50:00	0.57	20,257.88	19.12	100.00
10/04/2023 01:55:00	0.83	20,593.58	19.88	100.00
10/04/2023 02:00:00	1.04	19,983.22	19.02	99.98
10/04/2023 02:05:00	1.13	20,129.70	18.95	99.95
10/04/2023 02:10:00	0.90	19,873.35	19.26	99.96
10/04/2023 02:15:00	0.99	20,129.70	19.12	99.94
10/04/2023 02:20:00	1.04	20,257.88	18.95	99.96
10/04/2023 02:25:00	0.88	19,781.80	18.97	99.95
10/04/2023 02:30:00	0.79	19,519.34	19.12	99.92
10/04/2023 02:35:00	1.08	20,593.58	19.12	99.93
10/04/2023 02:40:00	1.17	20,355.54	18.95	99.92
10/04/2023 02:45:00	1.13	20,483.71	18.65	99.92
10/04/2023 02:50:00	1.27	19,891.66	18.95	99.93
10/04/2023 02:55:00	1.11	20,740.06	19.14	99.92
10/04/2023 03:00:00	1.15	20,593.58	18.95	99.91
10/04/2023 03:05:00	0.95	20,239.57	18.95	99.90
10/04/2023 03:10:00	1.11	0.00	18.65	99.91

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)
10/04/2023 03:15:00	1.01	20,257.88	19.12	99.90
10/04/2023 03:20:00	1.06	19,409.48	18.52	99.91
10/04/2023 03:25:00	0.95	19,647.52	18.68	99.92
10/04/2023 03:30:00	0.90	0.00	18.97	99.91
10/04/2023 03:35:00	0.79	19,891.66	18.19	99.91
10/04/2023 03:40:00	0.88	19,891.66	18.35	99.90
10/04/2023 03:45:00	0.99	20,111.39	19.00	99.89
10/04/2023 03:50:00	1.04	20,630.20	18.81	99.90
10/04/2023 03:55:00	0.81	19,763.49	18.79	99.91
10/04/2023 04:00:00	0.85	20,556.95	18.79	99.92
10/04/2023 04:05:00	0.79	20,239.57	18.19	99.92
10/04/2023 04:10:00	0.85	20,001.53	18.81	99.94
10/04/2023 04:15:00	1.20	19,781.80	18.40	99.93
10/04/2023 04:20:00	1.13	20,038.15	18.52	99.93
10/04/2023 04:25:00	0.99	20,129.70	18.97	99.95
10/04/2023 04:30:00	1.32	19,299.61	18.65	99.95
10/04/2023 04:35:00	1.39	20,148.01	18.84	99.96
10/04/2023 04:40:00	1.53	20,129.70	18.35	99.93
10/04/2023 04:45:00	1.30	19,647.52	18.23	99.95
10/04/2023 04:50:00	1.13	19,537.65	19.00	99.96
10/04/2023 04:55:00	1.30	0.00	18.40	99.97
10/04/2023 05:00:00	1.37	19,781.80	18.26	99.96
10/04/2023 05:05:00	1.43	19,763.49	18.52	99.96
10/04/2023 05:10:00	1.11	19,427.79	18.21	99.98
10/04/2023 05:15:00	1.08	0.00	18.35	99.96
10/04/2023 05:20:00	0.99	19,891.66	18.49	99.96
10/04/2023 05:25:00	1.04	19,891.66	18.63	99.98
10/04/2023 05:30:00	0.88	18,908.98	18.79	99.96
10/04/2023 05:35:00	0.85	19,262.99	18.65	99.99
10/04/2023 05:40:00	0.88	19,745.17	18.03	100.01
10/04/2023 05:45:00	1.20	19,763.49	18.79	99.99
10/04/2023 05:50:00	1.30	19,647.52	18.65	100.01
10/04/2023 05:55:00	1.13	19,409.48	18.81	100.02
10/04/2023 06:00:00	1.23	19,519.34	18.21	100.02
10/04/2023 06:05:00	1.20	19,055.47	18.97	100.02
10/04/2023 06:10:00	1.17	19,763.49	18.35	100.03
10/04/2023 06:15:00	0.97	19,647.52	18.21	100.03
10/04/2023 06:20:00	1.04	19,909.97	18.54	100.04
10/04/2023 06:25:00	1.11	19,781.80	18.38	100.06
10/04/2023 06:30:00	1.25	20,001.53	18.21	100.07
10/04/2023 06:35:00	1.15	19,702.45	18.95	100.05
10/04/2023 06:40:00	0.83	0.00	18.86	100.06
10/04/2023 06:45:00	0.85	19,647.52	18.84	100.07
10/04/2023 06:50:00	0.92	20,257.88	18.81	100.09
10/04/2023 06:55:00	0.88	19,928.28	18.54	100.09
10/04/2023 07:00:00	0.85	0.00	18.81	100.11
10/04/2023 07:05:00	0.72	19,665.83	18.54	100.10
10/04/2023 07:10:00	0.65	20,758.37	18.38	100.13
10/04/2023 07:15:00	0.72	20,392.16	18.97	100.12
10/04/2023 07:20:00	0.79	20,392.16	19.12	100.10
10/04/2023 07:25:00	0.95	20,740.06	18.65	100.12
10/04/2023 07:30:00	1.08	20,630.20	18.68	100.13
10/04/2023 07:35:00	1.11	20,111.39	19.12	100.15

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)
10/04/2023 07:40:00	1.15	20,019.84	18.65	100.17
10/04/2023 07:45:00	1.15	21,002.52	18.84	100.19
10/04/2023 07:50:00	1.04	21,240.56	18.84	100.19
10/04/2023 07:55:00	0.99	21,594.57	18.38	100.17
10/04/2023 08:00:00	1.13	21,130.69	19.14	100.18
10/04/2023 08:05:00	1.06	21,094.07	19.10	100.20
10/04/2023 08:10:00	0.92	22,095.06	18.52	100.19
10/04/2023 08:15:00	0.99	22,223.24	18.65	100.20
10/04/2023 08:20:00	0.88	21,594.57	19.28	100.19
10/04/2023 08:25:00	1.01	0.00	18.93	100.20
10/04/2023 08:30:00	1.11	21,576.26	18.65	100.20
10/04/2023 08:35:00	1.06	21,576.26	19.12	100.20
10/04/2023 08:40:00	1.04	21,338.22	19.39	100.20
10/04/2023 08:45:00	1.15	0.00	18.95	100.20
10/04/2023 08:50:00	0.99	22,095.06	18.81	100.21
10/04/2023 08:55:00	1.23	22,223.24	19.26	100.23
10/04/2023 09:00:00	1.06	22,577.25	19.42	100.22
10/04/2023 09:05:00	1.20	22,314.79	19.10	100.21
10/04/2023 09:10:00	1.04	22,558.94	19.71	100.20
10/04/2023 09:15:00	1.11	22,925.15	19.12	100.21
10/04/2023 09:20:00	1.25	22,687.11	19.23	100.20
10/04/2023 09:25:00	0.99	23,352.41	19.69	100.21
10/04/2023 09:30:00	1.01	23,541.62	19.12	100.22
10/04/2023 09:35:00	1.06	23,541.62	19.55	100.21
10/04/2023 09:40:00	0.79	22,925.15	19.42	100.19
10/04/2023 09:45:00	0.83	23,407.34	19.58	100.20
10/04/2023 09:50:00	0.81	23,169.30	19.86	100.20
10/04/2023 09:55:00	0.63	23,077.74	20.02	100.20
10/04/2023 10:00:00	0.85	23,907.84	19.26	100.19
10/04/2023 10:05:00	0.72	23,407.34	20.02	100.18
10/04/2023 10:10:00	0.88	0.00	19.26	100.16
10/04/2023 10:15:00	0.90	23,651.48	19.71	100.16
10/04/2023 10:20:00	0.60	23,041.12	19.39	100.19
10/04/2023 10:25:00	0.67	24,023.80	20.00	100.16
10/04/2023 10:30:00	0.67	0.00	20.00	100.17
10/04/2023 10:35:00	0.39	23,761.35	20.16	100.19
10/04/2023 10:40:00	0.48	24,005.49	20.00	100.19
10/04/2023 10:45:00	0.60	23,743.04	19.39	100.17
10/04/2023 10:50:00	0.67	24,133.67	19.86	100.16
10/04/2023 10:55:00	0.65	23,407.34	19.86	100.19
10/04/2023 11:00:00	0.48	24,243.53	20.32	100.19
10/04/2023 11:05:00	0.50	23,889.52	20.18	100.19
10/04/2023 11:10:00	0.39	23,761.35	19.84	100.19
10/04/2023 11:15:00	0.39	23,761.35	20.32	100.16
10/04/2023 11:20:00	0.37	24,280.16	19.71	100.16
10/04/2023 11:25:00	0.43	23,651.48	20.32	100.17
10/04/2023 11:30:00	0.37	24,390.02	19.69	100.16
10/04/2023 11:35:00	0.37	24,243.53	19.84	100.15
10/04/2023 11:40:00	0.27	24,023.80	19.69	100.13
10/04/2023 11:45:00	0.21	23,743.04	19.86	100.11
10/04/2023 11:50:00	0.25	24,261.84	19.97	100.10
10/04/2023 11:55:00	0.23	0.00	20.16	100.10
10/04/2023 12:00:00	0.30	24,261.84	19.69	100.07

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)
10/04/2023 12:05:00	0.37	23,407.34	20.16	100.07
10/04/2023 12:10:00	0.25	23,761.35	19.81	100.06
10/04/2023 12:15:00	0.23	0.00	20.49	100.07
10/04/2023 12:20:00	0.32	23,907.84	20.16	100.05
10/04/2023 12:25:00	0.16	24,744.03	20.16	100.03
10/04/2023 12:30:00	0.16	24,261.84	20.49	100.04
10/04/2023 12:35:00	0.14	24,371.71	20.62	100.02
10/04/2023 12:40:00	0.05	24,499.89	20.16	100.02
10/04/2023 12:45:00	0.09	24,023.80	20.29	100.00
10/04/2023 12:50:00	0.07	24,744.03	20.76	100.00
10/04/2023 12:55:00	0.07	24,005.49	20.29	99.97
10/04/2023 13:00:00	0.07	24,615.85	20.90	99.97
10/04/2023 13:05:00	0.07	24,615.85	20.90	99.95
10/04/2023 13:10:00	0.11	24,615.85	21.06	99.94
10/04/2023 13:15:00	0.14	24,261.84	20.62	99.92
10/04/2023 13:20:00	0.11	24,005.49	20.92	99.93
10/04/2023 13:25:00	0.11	24,243.53	20.58	99.91
10/04/2023 13:30:00	0.09	24,225.22	21.03	99.88
10/04/2023 13:35:00	0.16	24,005.49	20.90	99.87
10/04/2023 13:40:00	0.07	0.00	20.29	99.87
10/04/2023 13:45:00	0.09	24,243.53	20.32	99.87
10/04/2023 13:50:00	0.11	24,133.67	20.27	99.87
10/04/2023 13:55:00	0.09	24,133.67	20.44	99.85
10/04/2023 14:00:00	0.14	0.00	21.06	99.85
10/04/2023 14:05:00	0.11	24,243.53	21.20	99.84
10/04/2023 14:10:00	0.09	23,633.17	20.46	99.81
10/04/2023 14:15:00	0.11	24,005.49	21.08	99.79
10/04/2023 14:20:00	0.18	24,005.49	21.20	99.76
10/04/2023 14:25:00	0.14	24,005.49	20.49	99.76
10/04/2023 14:30:00	0.21	23,260.85	21.20	99.75
10/04/2023 14:35:00	0.25	22,888.53	21.06	99.74
10/04/2023 14:40:00	0.11	23,260.85	20.60	99.73
10/04/2023 14:45:00	0.09	22,906.84	20.60	99.73
10/04/2023 14:50:00	0.11	23,279.16	21.06	99.71
10/04/2023 14:55:00	0.21	22,540.63	20.78	99.71
10/04/2023 15:00:00	0.09	23,352.41	21.06	99.71
10/04/2023 15:05:00	0.18	22,296.48	20.78	99.71
10/04/2023 15:10:00	0.32	23,022.81	21.39	99.70
10/04/2023 15:15:00	0.39	22,449.07	20.76	99.69
10/04/2023 15:20:00	0.09	22,796.98	21.06	99.67
10/04/2023 15:25:00	0.11	0.00	20.62	99.67
10/04/2023 15:30:00	0.09	22,296.48	21.08	99.67
10/04/2023 15:35:00	0.09	23,041.12	21.27	99.66
10/04/2023 15:40:00	0.18	22,906.84	20.92	99.67
10/04/2023 15:45:00	0.09	0.00	20.62	99.66
10/04/2023 15:50:00	0.11	23,407.34	21.25	99.65
10/04/2023 15:55:00	0.07	23,150.99	20.90	99.63
10/04/2023 16:00:00	0.16	22,796.98	20.81	99.64
10/04/2023 16:05:00	0.14	23,022.81	20.46	99.63
10/04/2023 16:10:00	0.11	22,650.49	20.60	99.62
10/04/2023 16:15:00	0.14	22,430.76	20.90	99.61
10/04/2023 16:20:00	0.18	22,668.80	20.92	99.61
10/04/2023 16:25:00	0.18	22,168.31	21.08	99.62

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)
10/04/2023 16:30:00	0.18	21,466.39	20.78	99.60
10/04/2023 16:35:00	0.11	22,296.48	20.90	99.61
10/04/2023 16:40:00	0.18	22,278.17	21.08	99.60
10/04/2023 16:45:00	0.18	21,686.12	21.36	99.58
10/04/2023 16:50:00	0.18	21,814.30	21.39	99.58
10/04/2023 16:55:00	0.27	21,295.49	20.60	99.59
10/04/2023 17:00:00	0.30	21,338.22	21.25	99.61
10/04/2023 17:05:00	0.11	21,576.26	20.60	99.61
10/04/2023 17:10:00	0.09	0.00	21.08	99.60
10/04/2023 17:15:00	0.14	21,075.76	21.36	99.60
10/04/2023 17:20:00	0.30	21,295.49	21.20	99.60
10/04/2023 17:25:00	0.07	21,185.63	21.36	99.61
10/04/2023 17:30:00	0.25	0.00	20.94	99.59
10/04/2023 17:35:00	0.46	21,185.63	21.39	99.59
10/04/2023 17:40:00	0.48	20,703.44	21.08	99.59
10/04/2023 17:45:00	0.92	20,837.72	21.06	99.58
10/04/2023 17:50:00	0.30	20,611.89	21.06	99.61
10/04/2023 17:55:00	0.23	21,429.77	21.03	99.60
10/04/2023 18:00:00	0.67	20,575.27	21.39	99.61
10/04/2023 18:05:00	0.34	20,355.54	21.39	99.63
10/04/2023 18:10:00	0.25	21,338.22	20.90	99.65
10/04/2023 18:15:00	0.32	20,575.27	20.90	99.64
10/04/2023 18:20:00	0.48	20,239.57	21.08	99.67
10/04/2023 18:25:00	0.97	20,965.90	21.08	99.65
10/04/2023 18:30:00	0.92	20,202.94	20.76	99.66
10/04/2023 18:35:00	0.65	20,837.72	20.76	99.65
10/04/2023 18:40:00	1.15	20,593.58	21.08	99.67
10/04/2023 18:45:00	0.95	20,721.75	21.23	99.67
10/04/2023 18:50:00	0.72	20,093.08	21.55	99.67
10/04/2023 18:55:00	0.37	0.00	20.94	99.69
10/04/2023 19:00:00	1.06	20,984.21	20.62	99.67
10/04/2023 19:05:00	1.50	20,111.39	20.92	99.65
10/04/2023 19:10:00	0.81	20,965.90	20.90	99.66
10/04/2023 19:15:00	0.92	0.00	20.62	99.67
10/04/2023 19:20:00	0.53	20,721.75	20.76	99.70
10/04/2023 19:25:00	1.04	20,465.40	20.78	99.69
10/04/2023 19:30:00	0.65	20,575.27	20.78	99.70
10/04/2023 19:35:00	0.48	20,856.03	20.62	99.70
10/04/2023 19:40:00	0.74	20,257.88	20.94	99.73
10/04/2023 19:45:00	0.46	20,148.01	20.94	99.74
10/04/2023 19:50:00	0.90	20,111.39	21.27	99.74
10/04/2023 19:55:00	0.60	20,611.89	20.65	99.74
10/04/2023 20:00:00	0.65	20,239.57	21.11	99.75
10/04/2023 20:05:00	0.48	20,373.85	21.57	99.76
10/04/2023 20:10:00	0.30	20,721.75	21.27	99.77
10/04/2023 20:15:00	0.30	20,239.57	21.41	99.79
10/04/2023 20:20:00	0.48	20,038.15	21.11	99.79
10/04/2023 20:25:00	0.74	20,239.57	21.11	99.81
10/04/2023 20:30:00	0.63	20,392.16	20.65	99.81
10/04/2023 20:35:00	0.74	20,502.02	20.92	99.81
10/04/2023 20:40:00	0.63	0.00	20.92	99.81
10/04/2023 20:45:00	0.67	20,611.89	20.78	99.80
10/04/2023 20:50:00	0.69	20,874.34	20.51	99.81

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)
10/04/2023 20:55:00	0.63	20,001.53	20.78	99.82
10/04/2023 21:00:00	0.76	0.00	20.94	99.80
10/04/2023 21:05:00	0.63	20,721.75	20.92	99.80
10/04/2023 21:10:00	0.46	20,740.06	20.78	99.84
10/04/2023 21:15:00	0.60	20,502.02	20.65	99.83
10/04/2023 21:20:00	0.48	20,520.33	20.78	99.82
10/04/2023 21:25:00	0.46	20,221.26	20.46	99.83
10/04/2023 21:30:00	0.32	20,239.57	20.76	99.85
10/04/2023 21:35:00	0.41	20,129.70	20.62	99.83
10/04/2023 21:40:00	0.27	20,257.88	20.49	99.85
10/04/2023 21:45:00	0.57	20,856.03	20.78	99.83
10/04/2023 21:50:00	0.53	20,355.54	20.94	99.85
10/04/2023 21:55:00	0.53	20,502.02	20.42	99.84
10/04/2023 22:00:00	0.85	20,740.06	20.46	99.85
10/04/2023 22:05:00	0.67	20,111.39	20.62	99.84
10/04/2023 22:10:00	0.65	20,001.53	21.25	99.85
10/04/2023 22:15:00	0.67	20,111.39	20.94	99.84
10/04/2023 22:20:00	0.57	20,837.72	20.78	99.85
10/04/2023 22:25:00	1.01	0.00	20.65	99.83
10/04/2023 22:30:00	0.63	20,856.03	21.08	99.84
10/04/2023 22:35:00	0.85	20,239.57	20.49	99.83
10/04/2023 22:40:00	0.85	20,392.16	21.08	99.83
10/04/2023 22:45:00	0.76	0.00	21.11	99.84
10/04/2023 22:50:00	0.85	19,891.66	21.27	99.82
10/04/2023 22:55:00	0.95	20,630.20	20.94	99.83
10/04/2023 23:00:00	0.60	19,519.34	21.25	99.82
10/04/2023 23:05:00	0.69	19,372.85	21.25	99.82
10/04/2023 23:10:00	0.67	19,629.21	21.52	99.82
10/04/2023 23:15:00	0.53	20,593.58	20.94	99.81
10/04/2023 23:20:00	0.81	20,611.89	21.39	99.80
10/04/2023 23:25:00	0.83	19,873.35	21.52	99.79
10/04/2023 23:30:00	0.88	19,647.52	21.41	99.79
10/04/2023 23:35:00	0.76	19,391.17	21.68	99.79
10/04/2023 23:40:00	0.79	19,629.21	21.39	99.78
10/04/2023 23:45:00	0.85	20,129.70	21.55	99.77
10/04/2023 23:50:00	0.85	19,092.09	20.92	99.76
10/04/2023 23:55:00	0.99	20,166.32	20.92	99.75