



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: 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	0.00	18,835.74	25.71	99.27
05/04/2023 00:05:00	0.39	18,689.25	25.86	99.27
05/04/2023 00:10:00	0.30	17,724.88	25.41	99.27
05/04/2023 00:15:00	0.27	18,817.43	26.18	99.27
05/04/2023 00:20:00	0.18	18,707.56	25.71	99.26
05/04/2023 00:25:00	0.32	16,980.24	25.69	99.26
05/04/2023 00:30:00	0.25	16,614.02	26.02	99.24
05/04/2023 00:35:00	0.30	18,316.93	26.02	99.25
05/04/2023 00:40:00	0.32	17,224.38	26.31	99.24
05/04/2023 00:45:00	0.16	0.00	26.15	99.22
05/04/2023 00:50:00	0.18	0.00	25.71	99.24
05/04/2023 00:55:00	0.27	16,760.51	25.39	99.22
05/04/2023 01:00:00	0.16	0.00	25.71	99.24
05/04/2023 01:05:00	0.23	17,572.29	25.86	99.24
05/04/2023 01:10:00	0.21	16,461.43	26.15	99.24
05/04/2023 01:15:00	0.37	16,870.37	25.41	99.24
05/04/2023 01:20:00	0.21	0.00	25.55	99.24
05/04/2023 01:25:00	0.25	16,907.00	26.02	99.24
05/04/2023 01:30:00	0.16	0.00	25.88	99.23
05/04/2023 01:35:00	0.27	16,150.15	25.57	99.22
05/04/2023 01:40:00	0.27	16,150.15	26.15	99.22
05/04/2023 01:45:00	0.32	17,853.06	25.88	99.21
05/04/2023 01:50:00	0.32	18,463.42	26.34	99.24
05/04/2023 01:55:00	0.25	16,021.97	25.71	99.24
05/04/2023 02:00:00	0.23	16,131.84	25.86	99.22
05/04/2023 02:05:00	0.27	17,834.74	25.83	99.22
05/04/2023 02:10:00	0.27	17,962.92	26.31	99.22
05/04/2023 02:15:00	0.23	17,224.38	25.71	99.22
05/04/2023 02:20:00	0.18	18,554.97	25.53	99.24
05/04/2023 02:25:00	0.25	17,462.42	26.02	99.24
05/04/2023 02:30:00	0.25	17,224.38	26.02	99.22
05/04/2023 02:35:00	0.23	17,352.56	25.69	99.22
05/04/2023 02:40:00	0.25	17,816.43	25.55	99.22
05/04/2023 02:45:00	0.21	18,426.79	25.99	99.22
05/04/2023 02:50:00	0.21	18,670.94	25.99	99.21
05/04/2023 02:55:00	0.23	17,206.07	26.13	99.21
05/04/2023 03:00:00	0.27	19,165.33	25.69	99.23
05/04/2023 03:05:00	0.14	0.00	25.71	99.21
05/04/2023 03:10:00	0.25	17,834.74	25.46	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 03:15:00	0.18	0.00	26.18	99.21
05/04/2023 03:20:00	0.18	17,615.01	26.20	99.22
05/04/2023 03:25:00	0.14	16,388.19	25.90	99.22
05/04/2023 03:30:00	0.25	18,591.59	26.06	99.20
05/04/2023 03:35:00	0.21	0.00	25.41	99.19
05/04/2023 03:40:00	0.25	18,835.74	25.44	99.18
05/04/2023 03:45:00	0.27	0.00	25.71	99.18
05/04/2023 03:50:00	0.25	18,335.24	26.04	99.22
05/04/2023 03:55:00	0.27	17,724.88	25.41	99.21
05/04/2023 04:00:00	0.18	16,388.19	25.57	99.21
05/04/2023 04:05:00	0.27	18,835.74	25.86	99.22
05/04/2023 04:10:00	0.23	18,091.10	25.71	99.18
05/04/2023 04:15:00	0.25	16,260.01	25.62	99.20
05/04/2023 04:20:00	0.32	17,944.61	25.86	99.20
05/04/2023 04:25:00	0.23	17,724.88	26.02	99.23
05/04/2023 04:30:00	0.25	17,962.92	25.86	99.21
05/04/2023 04:35:00	0.37	18,445.11	25.71	99.22
05/04/2023 04:40:00	0.21	17,724.88	26.18	99.24
05/04/2023 04:45:00	0.23	0.00	25.41	99.24
05/04/2023 04:50:00	0.32	16,150.15	25.88	99.25
05/04/2023 04:55:00	0.41	18,353.55	25.90	99.24
05/04/2023 05:00:00	0.32	0.00	25.71	99.24
05/04/2023 05:05:00	0.27	17,132.83	25.73	99.27
05/04/2023 05:10:00	0.30	17,114.52	25.57	99.26
05/04/2023 05:15:00	0.34	16,021.97	25.57	99.24
05/04/2023 05:20:00	0.25	0.00	26.04	99.25
05/04/2023 05:25:00	0.30	17,352.56	25.88	99.26
05/04/2023 05:30:00	0.37	17,724.88	25.41	99.27
05/04/2023 05:35:00	0.27	16,021.97	25.71	99.27
05/04/2023 05:40:00	0.37	16,742.20	26.02	99.26
05/04/2023 05:45:00	0.37	17,944.61	25.09	99.27
05/04/2023 05:50:00	0.25	17,724.88	25.25	99.27
05/04/2023 05:55:00	0.27	18,091.10	25.11	99.28
05/04/2023 06:00:00	0.55	18,573.28	25.11	99.27
05/04/2023 06:05:00	0.37	18,335.24	25.71	99.31
05/04/2023 06:10:00	0.37	18,335.24	25.71	99.30
05/04/2023 06:15:00	0.53	18,463.42	25.13	99.33
05/04/2023 06:20:00	0.41	18,445.11	25.25	99.33
05/04/2023 06:25:00	0.34	18,445.11	25.73	99.36
05/04/2023 06:30:00	0.37	18,225.38	25.25	99.36
05/04/2023 06:35:00	0.39	18,945.60	25.11	99.36
05/04/2023 06:40:00	0.30	19,183.64	25.57	99.38
05/04/2023 06:45:00	0.43	0.00	25.57	99.38
05/04/2023 06:50:00	0.32	19,317.92	25.55	99.38
05/04/2023 06:55:00	0.32	20,166.32	25.71	99.40
05/04/2023 07:00:00	0.34	20,038.15	25.28	99.42
05/04/2023 07:05:00	0.34	20,758.37	25.39	99.43
05/04/2023 07:10:00	0.32	21,020.83	25.57	99.44
05/04/2023 07:15:00	0.27	20,892.65	25.28	99.44
05/04/2023 07:20:00	0.21	20,703.44	25.41	99.46
05/04/2023 07:25:00	0.23	21,258.87	25.25	99.44
05/04/2023 07:30:00	0.16	21,112.38	25.86	99.46
05/04/2023 07:35:00	0.14	21,057.45	25.88	99.47

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	0.18	21,503.01	25.71	99.49
05/04/2023 07:45:00	0.21	21,130.69	25.88	99.50
05/04/2023 07:50:00	0.34	21,020.83	26.02	99.51
05/04/2023 07:55:00	0.00	21,112.38	25.83	99.51
05/04/2023 08:00:00	0.00	21,356.53	25.69	99.51
05/04/2023 08:05:00	0.00	20,740.06	26.31	99.52
05/04/2023 08:10:00	0.00	21,130.69	25.69	99.54
05/04/2023 08:15:00	0.00	21,356.53	25.83	99.54
05/04/2023 08:20:00	0.00	21,484.70	26.47	99.55
05/04/2023 08:25:00	0.00	21,240.56	26.45	99.58
05/04/2023 08:30:00	0.00	0.00	26.62	99.58
05/04/2023 08:35:00	0.02	21,612.88	26.67	99.58
05/04/2023 08:40:00	0.00	21,466.39	26.73	99.58
05/04/2023 08:45:00	0.00	21,094.07	26.67	99.56
05/04/2023 08:50:00	0.02	22,449.07	26.45	99.58
05/04/2023 08:55:00	0.02	22,204.93	26.13	99.58
05/04/2023 09:00:00	0.00	21,356.53	26.76	99.58
05/04/2023 09:05:00	0.16	21,722.74	26.13	99.59
05/04/2023 09:10:00	0.00	21,466.39	26.76	99.58
05/04/2023 09:15:00	0.11	21,722.74	26.78	99.60
05/04/2023 09:20:00	0.14	21,966.89	27.05	99.62
05/04/2023 09:25:00	0.18	21,203.94	26.57	99.63
05/04/2023 09:30:00	0.25	22,058.44	26.57	99.63
05/04/2023 09:35:00	0.41	21,948.58	27.36	99.64
05/04/2023 09:40:00	0.57	21,930.27	26.71	99.65
05/04/2023 09:45:00	0.67	22,296.48	27.17	99.65
05/04/2023 09:50:00	0.57	22,278.17	27.17	99.66
05/04/2023 09:55:00	0.53	23,297.47	27.19	99.66
05/04/2023 10:00:00	0.90	22,650.49	27.34	99.64
05/04/2023 10:05:00	0.88	22,668.80	28.21	99.64
05/04/2023 10:10:00	0.90	22,668.80	28.08	99.65
05/04/2023 10:15:00	0.95	0.00	27.63	99.65
05/04/2023 10:20:00	0.97	22,540.63	28.24	99.65
05/04/2023 10:25:00	1.20	23,523.31	28.08	99.62
05/04/2023 10:30:00	0.97	23,004.50	28.24	99.62
05/04/2023 10:35:00	1.04	23,505.00	28.53	99.60
05/04/2023 10:40:00	0.83	22,668.80	28.08	99.60
05/04/2023 10:45:00	0.90	22,650.49	29.00	99.58
05/04/2023 10:50:00	1.27	22,278.17	29.11	99.59
05/04/2023 10:55:00	0.88	23,132.68	28.53	99.58
05/04/2023 11:00:00	0.99	23,041.12	28.70	99.60
05/04/2023 11:05:00	1.06	23,004.50	28.59	99.58
05/04/2023 11:10:00	1.39	23,260.85	28.70	99.59
05/04/2023 11:15:00	1.06	22,522.32	29.28	99.58
05/04/2023 11:20:00	1.25	23,004.50	29.44	99.58
05/04/2023 11:25:00	1.55	22,540.63	29.63	99.57
05/04/2023 11:30:00	1.39	23,633.17	29.74	99.54
05/04/2023 11:35:00	1.34	22,888.53	29.28	99.54
05/04/2023 11:40:00	1.53	23,150.99	29.47	99.55
05/04/2023 11:45:00	1.41	23,633.17	29.76	99.53
05/04/2023 11:50:00	1.39	23,242.54	29.42	99.50
05/04/2023 11:55:00	1.90	23,743.04	29.44	99.50
05/04/2023 12:00:00	1.48	0.00	29.90	99.47

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	1.46	24,097.05	29.58	99.47
05/04/2023 12:10:00	1.41	23,852.90	29.88	99.46
05/04/2023 12:15:00	1.62	25,574.12	30.50	99.47
05/04/2023 12:20:00	1.75	23,981.08	30.34	99.45
05/04/2023 12:25:00	1.69	22,888.53	30.34	99.44
05/04/2023 12:30:00	1.55	22,760.36	30.34	99.42
05/04/2023 12:35:00	1.53	22,888.53	30.67	99.41
05/04/2023 12:40:00	1.59	23,132.68	30.67	99.40
05/04/2023 12:45:00	1.71	22,778.67	30.50	99.39
05/04/2023 12:50:00	1.48	23,150.99	30.97	99.39
05/04/2023 12:55:00	1.69	23,260.85	30.21	99.37
05/04/2023 13:00:00	1.66	24,225.22	31.13	99.37
05/04/2023 13:05:00	1.83	23,150.99	30.83	99.38
05/04/2023 13:10:00	1.78	23,150.99	30.83	99.35
05/04/2023 13:15:00	1.83	24,243.53	30.67	99.33
05/04/2023 13:20:00	1.64	23,486.69	30.65	99.33
05/04/2023 13:25:00	1.69	24,133.67	31.43	99.32
05/04/2023 13:30:00	1.78	23,389.03	30.83	99.31
05/04/2023 13:35:00	2.22	24,115.36	30.67	99.28
05/04/2023 13:40:00	1.95	23,614.86	31.43	99.28
05/04/2023 13:45:00	1.88	0.00	31.43	99.27
05/04/2023 13:50:00	1.71	23,633.17	31.46	99.28
05/04/2023 13:55:00	2.01	24,115.36	31.59	99.24
05/04/2023 14:00:00	1.62	23,761.35	30.97	99.23
05/04/2023 14:05:00	1.71	23,169.30	30.97	99.26
05/04/2023 14:10:00	1.71	23,370.72	31.46	99.23
05/04/2023 14:15:00	2.78	23,523.31	31.46	99.23
05/04/2023 14:20:00	1.92	23,523.31	31.75	99.23
05/04/2023 14:25:00	2.50	22,796.98	31.32	99.23
05/04/2023 14:30:00	1.80	24,005.49	31.89	99.21
05/04/2023 14:35:00	2.15	23,279.16	31.43	99.22
05/04/2023 14:40:00	2.13	22,888.53	32.20	99.18
05/04/2023 14:45:00	1.88	22,906.84	32.20	99.18
05/04/2023 14:50:00	1.92	22,650.49	31.73	99.16
05/04/2023 14:55:00	1.75	23,743.04	32.20	99.18
05/04/2023 15:00:00	1.97	23,315.79	32.17	99.16
05/04/2023 15:05:00	1.71	22,760.36	32.80	99.15
05/04/2023 15:10:00	1.85	22,388.04	32.04	99.15
05/04/2023 15:15:00	2.22	23,743.04	32.17	99.16
05/04/2023 15:20:00	1.85	23,260.85	32.36	99.15
05/04/2023 15:25:00	1.92	23,260.85	32.49	99.13
05/04/2023 15:30:00	1.95	0.00	32.20	99.13
05/04/2023 15:35:00	1.85	22,430.76	32.06	99.13
05/04/2023 15:40:00	1.95	22,796.98	32.08	99.13
05/04/2023 15:45:00	1.83	22,906.84	32.22	99.13
05/04/2023 15:50:00	2.11	22,314.79	33.75	99.10
05/04/2023 15:55:00	1.66	22,668.80	33.28	99.10
05/04/2023 16:00:00	1.95	22,577.25	31.91	99.11
05/04/2023 16:05:00	1.69	22,906.84	32.38	99.10
05/04/2023 16:10:00	2.04	22,076.75	33.75	99.10
05/04/2023 16:15:00	1.53	22,577.25	32.40	99.10
05/04/2023 16:20:00	1.55	21,203.94	33.45	99.10
05/04/2023 16:25:00	1.57	22,095.06	32.71	99.08

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	1.57	21,832.61	32.24	99.09
05/04/2023 16:35:00	2.57	20,965.90	32.68	99.07
05/04/2023 16:40:00	1.50	21,356.53	32.82	99.07
05/04/2023 16:45:00	1.46	21,075.76	32.85	99.07
05/04/2023 16:50:00	1.55	21,094.07	31.91	99.07
05/04/2023 16:55:00	1.43	21,631.19	32.08	99.07
05/04/2023 17:00:00	1.04	20,965.90	31.91	99.05
05/04/2023 17:05:00	1.20	20,355.54	33.28	99.07
05/04/2023 17:10:00	1.37	21,832.61	32.98	99.07
05/04/2023 17:15:00	0.79	0.00	32.98	99.07
05/04/2023 17:20:00	0.95	21,094.07	31.94	99.08
05/04/2023 17:25:00	1.06	20,721.75	32.22	99.07
05/04/2023 17:30:00	1.15	20,001.53	32.24	99.09
05/04/2023 17:35:00	0.85	21,832.61	32.10	99.09
05/04/2023 17:40:00	0.85	20,856.03	31.91	99.10
05/04/2023 17:45:00	0.67	20,837.72	32.08	99.11
05/04/2023 17:50:00	1.50	19,519.34	31.32	99.10
05/04/2023 17:55:00	0.57	20,611.89	31.78	99.13
05/04/2023 18:00:00	0.65	22,558.94	31.71	99.13
05/04/2023 18:05:00	0.43	22,186.62	31.01	99.12
05/04/2023 18:10:00	0.67	23,279.16	31.55	99.12
05/04/2023 18:15:00	0.43	20,239.57	31.62	99.15
05/04/2023 18:20:00	0.55	20,984.21	31.17	99.16
05/04/2023 18:25:00	0.43	20,001.53	31.48	99.16
05/04/2023 18:30:00	0.55	21,722.74	31.17	99.18
05/04/2023 18:35:00	0.30	19,629.21	30.57	99.16
05/04/2023 18:40:00	0.41	23,816.28	30.72	99.17
05/04/2023 18:45:00	0.30	20,019.84	30.57	99.18
05/04/2023 18:50:00	0.48	20,392.16	30.43	99.19
05/04/2023 18:55:00	0.25	24,243.53	30.57	99.19
05/04/2023 19:00:00	0.34	0.00	30.57	99.21
05/04/2023 19:05:00	0.34	20,410.47	30.27	99.23
05/04/2023 19:10:00	0.37	21,741.05	30.14	99.24
05/04/2023 19:15:00	0.11	20,758.37	30.27	99.24
05/04/2023 19:20:00	0.18	21,374.84	30.43	99.24
05/04/2023 19:25:00	0.07	21,374.84	30.43	99.26
05/04/2023 19:30:00	0.23	22,113.37	30.14	99.25
05/04/2023 19:35:00	0.14	20,648.51	29.81	99.26
05/04/2023 19:40:00	0.14	25,134.66	30.41	99.27
05/04/2023 19:45:00	0.05	23,559.93	30.27	99.27
05/04/2023 19:50:00	0.16	22,632.18	30.14	99.29
05/04/2023 19:55:00	0.16	26,501.87	30.00	99.31
05/04/2023 20:00:00	0.16	22,986.19	30.00	99.30
05/04/2023 20:05:00	0.16	24,115.36	30.14	99.30
05/04/2023 20:10:00	0.16	24,560.92	29.40	99.32
05/04/2023 20:15:00	0.18	20,648.51	29.53	99.32
05/04/2023 20:20:00	0.11	23,926.15	29.69	99.31
05/04/2023 20:25:00	0.07	25,781.64	29.98	99.33
05/04/2023 20:30:00	0.23	29,877.16	29.53	99.34
05/04/2023 20:35:00	0.21	24,560.92	29.53	99.37
05/04/2023 20:40:00	0.16	27,594.42	29.37	99.36
05/04/2023 20:45:00	0.25	0.00	29.40	99.37
05/04/2023 20:50:00	0.18	20,538.64	29.85	99.38

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	0.23	22,259.86	29.58	99.41
05/04/2023 21:00:00	0.14	20,428.78	29.56	99.42
05/04/2023 21:05:00	0.16	26,648.36	29.26	99.42
05/04/2023 21:10:00	0.05	23,596.55	28.93	99.45
05/04/2023 21:15:00	0.09	26,300.45	28.95	99.44
05/04/2023 21:20:00	0.23	27,374.69	29.09	99.44
05/04/2023 21:25:00	0.11	20,910.96	29.40	99.44
05/04/2023 21:30:00	0.18	18,963.91	28.95	99.45
05/04/2023 21:35:00	0.14	19,946.59	29.09	99.46
05/04/2023 21:40:00	0.18	20,776.68	28.75	99.47
05/04/2023 21:45:00	0.21	21,057.45	28.79	99.47
05/04/2023 21:50:00	0.11	19,092.09	29.11	99.47
05/04/2023 21:55:00	0.14	19,446.10	29.40	99.48
05/04/2023 22:00:00	0.07	17,853.06	28.63	99.47
05/04/2023 22:05:00	0.11	17,743.19	29.40	99.49
05/04/2023 22:10:00	0.05	18,109.41	28.35	99.48
05/04/2023 22:15:00	0.14	18,109.41	28.95	99.50
05/04/2023 22:20:00	0.18	18,243.69	28.66	99.49
05/04/2023 22:25:00	0.00	17,499.05	28.93	99.51
05/04/2023 22:30:00	0.11	0.00	27.89	99.52
05/04/2023 22:35:00	0.07	0.00	27.73	99.52
05/04/2023 22:40:00	0.07	0.00	27.12	99.52
05/04/2023 22:45:00	0.02	0.00	27.31	99.52
05/04/2023 22:50:00	0.02	0.00	26.83	99.51
05/04/2023 22:55:00	0.02	15,814.45	27.59	99.52
05/04/2023 23:00:00	0.02	16,040.28	27.27	99.52
05/04/2023 23:05:00	0.00	0.00	26.94	99.52
05/04/2023 23:10:00	0.09	0.00	26.99	99.53
05/04/2023 23:15:00	0.00	0.00	26.80	99.52
05/04/2023 23:20:00	0.00	0.00	27.27	99.53
05/04/2023 23:25:00	0.00	16,278.32	27.10	99.51
05/04/2023 23:30:00	0.07	17,016.86	26.67	99.52
05/04/2023 23:35:00	0.09	0.00	26.47	99.51
05/04/2023 23:40:00	0.00	16,406.50	26.67	99.50
05/04/2023 23:45:00	0.00	0.00	27.29	99.51
05/04/2023 23:50:00	0.00	16,760.51	27.10	99.51
05/04/2023 23:55:00	0.00	16,516.37	26.64	99.50