

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	01/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
01/12/21	0:00:00	1.422	1.427	0.0329	0.1509	0.1837	6.5777	0.0191	187.9	0.27	59.856	16.366
01/12/21	1:00:00	1.019	1.4299	0.039	0.1388	0.1778	6.3253	0.0292	276.07	0.27	62.666	15.465
01/12/21	2:00:00	2.17	1.2391	0.0151	0.1244	0.1396	6.2768	0.0264	281.29	0.274	65.554	14.891
01/12/21	3:00:00	8.79	1.0613	0.0074	0.0867	0.0942	6.0453	0.0182	279.56	0.286	74.599	13.683
01/12/21	4:00:00	10.963	1.0412	0.0044	0.0739	0.0782	5.8502	0.0125	136.69	0.27	78.782	13.189
01/12/21	5:00:00	6.771	1.0822	0.0072	0.0772	0.0844	5.8102	0.0152	233.45	0.272	70.052	13.176
01/12/21	6:00:00	7.806	1.0546	0.0082	0.0739	0.0821	5.7909	0.0126	274.05	0.27	68.756	12.736
01/12/21	7:00:00	1.898	1.2749	0.072	0.1012	0.1732	5.9753	0.0137	157.88	0.288	100	12.128
01/12/21	8:00:00	1.783	1.5145	0.1258	0.1129	0.2387	6.5466	0.0182	259.2	0.288	100	12.083
01/12/21	9:00:00	3.804	1.7322	0.1695	0.1128	0.2823	7.4864	0.0185	172.14	0.27	67.143	13.312
01/12/21	10:00:00	10.098	1.7245	0.1383	0.1181	0.2564	9.01	0.0167	99.669	0.29	70.265	14.564
01/12/21	11:00:00	27.452	1.1814	0.0331	0.0645	0.0976	8.0131	0.0394	222.57	0.331	60.907	17.096
01/12/21	12:00:00	34.81	1.2239	0.0298	0.0839	0.1137	7.3142	0.0201	126.19	0.361	48.819	19.486
01/12/21	13:00:00	36.76	1.1319	0.0309	0.0746	0.1055	7.116	0.028	104.19	0.406	35.634	22.064
01/12/21	14:00:00	39.034	1.0891	0.0186	0.0667	0.0853	6.5888	0.0149	67.192	0.487	30.899	23.103
01/12/21	15:00:00	39.752	1.001	0.0085	0.0429	0.0514	6.288	0.0105	57.347	0.544	31.314	23.31
01/12/21	16:00:00	38.466	0.9636	0.0072	0.0377	0.0449	6.1981	0.0081	52.567	0.577	34.787	23.321
01/12/21	17:00:00	27.108	1.1301	0.0185	0.0702	0.0887	6.48	0.0079	82.105	0.717	36.189	22.88
01/12/21	18:00:00	15.98	1.1586	0.0163	0.0818	0.0981	7.7082	0.0069	79.752	0.703	39.255	21.599
01/12/21	19:00:00	8.761	1.3651	0.0342	0.107	0.1412	6.3097	0.0083	107.78	0.514	43.315	20.27
01/12/21	20:00:00	4.718	1.4605	0.0395	0.1269	0.1664	5.9345	0.0093	103.61	0.281	49.944	19.153
01/12/21	21:00:00	4.255	1.3921	0.0354	0.1269	0.1623	5.9111	0.0092	83.353	0.345	50.516	18.499
01/12/21	22:00:00	4.585	1.3772	0.0342	0.1345	0.1686	5.8453	0.0104	72.804	0.292	49.246	17.729
01/12/21	23:00:00	1.149	1.7432	0.1519	0.1488	0.3008	6.93	0.0102	121.29	0.27	56.631	16.458

PROMEDIO 24 HORAS	39.752	1.283	0.045	0.151	0.142	6.6	0.016
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	02/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
02/12/21	0:00:00	0.618	1.8301	AE	AE	AE	7.3034	0.0167	208.03	0.271	60.788	15.382
02/12/21	1:00:00	4.137	1.2644	0.026	0.1293	0.1554	6.605	0.0212	240.98	0.271	63.439	14.917
02/12/21	2:00:00	8.917	1.0038	0.0085	0.0891	0.0976	5.9214	0.0241	277.52	0.278	72.896	13.595
02/12/21	3:00:00	13.992	0.9301	0.0061	0.0613	0.0674	5.6747	0.0147	267.41	0.294	81.56	12.942
02/12/21	4:00:00	13.666	0.9612	0.0047	0.0618	0.0665	5.6681	0.011	252.25	0.275	83.446	12.778
02/12/21	5:00:00	10.703	0.9431	0.0051	0.0624	0.0675	5.9512	0.0109	246.19	0.312	79.741	12.318
02/12/21	6:00:00	11.267	0.9409	0.0079	0.0648	0.0727	5.9856	0.0121	242.46	0.321	77.998	12.216
02/12/21	7:00:00	6.021	1.0763	0.0304	0.0881	0.1185	5.8951	0.0115	248.17	0.316	100	11.465
02/12/21	8:00:00	2.709	1.4094	0.126	0.1015	0.2275	6.9264	0.0118	250.34	0.272	100	11.952
02/12/21	9:00:00	8.756	1.2873	0.1067	0.0946	0.2012	6.6128	0.0152	173.19	0.27	61.463	14.272
02/12/21	10:00:00	14.116	1.6412	0.1455	0.1534	0.2989	6.6903	0.0132	150.48	0.27	55.4	16.393
02/12/21	11:00:00	20.546	1.4938	0.1309	0.1889	0.3197	7.1775	0.0193	120.15	0.421	46.502	18.338
02/12/21	12:00:00	30.935	1.1338	0.0371	0.0854	0.1225	7.0377	0.0215	88.808	0.618	36.28	20.375
02/12/21	13:00:00	35.396	0.9593	0.0162	0.0442	0.0604	6.3579	0.0093	87.254	0.619	32.975	21.782
02/12/21	14:00:00	36.936	0.8941	0.0096	0.0334	0.043	6.202	0.0068	111.72	0.662	28.451	23.105
02/12/21	15:00:00	31.792	0.9012	0.0096	0.0285	0.0381	5.6393	0.0049	72.056	1.005	26.167	23.21
02/12/21	16:00:00	31.448	0.8856	0.01	0.0263	0.0363	5.6438	0.0036	71.844	1.039	27.074	23.003
02/12/21	17:00:00	29.506	0.949	0.0117	0.0354	0.0471	5.6516	0.0057	79.2	0.971	30.586	22.537
02/12/21	18:00:00	24.929	1.0715	0.0119	0.0611	0.073	5.7226	0.0072	80.082	0.901	37.161	21.239
02/12/21	19:00:00	17.207	1.3615	0.0156	0.1067	0.1223	5.8913	0.0084	81.373	0.744	41.324	19.654
02/12/21	20:00:00	7.528	1.5509	0.0389	0.1484	0.1873	5.765	0.0129	117.04	0.38	41.129	18.675
02/12/21	21:00:00	3.681	1.6197	0.0745	0.1587	0.2333	6.1909	0.0114	164.68	0.271	43.964	17.304
02/12/21	22:00:00	1.425	2.2137	AE	AE	AE	6.9116	0.0167	165.17	0.27	47.302	16.687
02/12/21	23:00:00	1.883	1.9682	AE	AE	AE	6.9272	0.0195	221.45	0.271	47.809	16

PROMEDIO 24 HORAS	36.936	1.262	0.04	0.189	0.126	6.26	0.013
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	03/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
03/12/21	0:00:00	1.797	1.3956	0.0882	0.1351	0.2233	5.8011	0.0158	227.32	0.27	50.009	15.122
03/12/21	1:00:00	2.075	1.0597	0.0358	0.1202	0.1561	5.4876	0.0104	271.72	0.27	54.718	14.075
03/12/21	2:00:00	3.307	1.063	0.018	0.1047	0.1226	5.3333	0.0104	271.28	0.271	57.81	13.329
03/12/21	3:00:00	7.114	0.9224	0.0133	0.0797	0.093	5.2025	0.0097	264.9	0.27	59.816	12.778
03/12/21	4:00:00	10.006	0.9092	0.0062	0.069	0.0753	5.124	0.0097	289.87	0.276	62.422	12.156
03/12/21	5:00:00	2.705	0.9487	0.0195	0.1137	0.1332	6.1609	0.0095	278.58	0.271	64.998	11.641
03/12/21	6:00:00	5.529	0.9626	0.0125	0.0796	0.0921	5.3751	0.0168	270.71	0.271	68.514	10.961
03/12/21	7:00:00	1.869	1.0077	0.0407	0.0993	0.14	5.5754	0.0083	275.17	0.314	100	10.55
03/12/21	8:00:00	2.577	1.2218	0.1005	0.1037	0.2042	5.8533	0.0089	274.84	0.319	100	10.756
03/12/21	9:00:00	9.408	1.1716	0.094	0.0918	0.1858	6.3765	0.0103	264.72	0.275	63.923	12.754
03/12/21	10:00:00	19.169	1.1692	0.0615	0.0844	0.1458	6.1228	0.0104	234.46	0.278	63.964	14.545
03/12/21	11:00:00	25.954	1.0927	0.0505	0.0892	0.1397	6.2266	0.0125	132.8	0.375	52.382	16.81
03/12/21	12:00:00	31.917	0.8603	0.0232	0.0527	0.0759	5.6974	0.0181	140.87	0.307	35.675	19.198
03/12/21	13:00:00	37.514	0.7811	0.019	0.0506	0.0696	5.4798	0.0106	152.6	0.384	30.037	20.714
03/12/21	14:00:00	34.908	0.7645	0.0198	0.0517	0.0715	5.5279	0.0113	123.01	0.42	28.175	22.132
03/12/21	15:00:00	35.602	0.7109	0.0163	0.0394	0.0556	5.2	0.0088	108.55	0.372	25.717	23.167
03/12/21	16:00:00	36.339	0.6641	0.0072	0.0263	0.0335	5.0026	0.0071	179.28	0.343	21.942	23.972
03/12/21	17:00:00	30.956	0.6617	0.0066	0.0285	0.0351	5.037	0.0058	76.541	0.456	21.842	23.682
03/12/21	18:00:00	25.074	0.7972	0.0106	0.0643	0.0749	5.0678	0.0039	51.817	0.309	24.305	22.745
03/12/21	19:00:00	11.205	1.1076	0.0318	0.1199	0.1516	5.2958	0.0035	107.74	0.397	30.285	20.666
03/12/21	20:00:00	9.241	1.2793	0.0407	0.141	0.1817	5.8353	0.0071	122.35	0.312	34.263	19.205
03/12/21	21:00:00	2.02	2.0261	AE	AE	AE	7.0084	0.0133	164.06	0.27	37.748	18.248
03/12/21	22:00:00	1.172	2.0356	AE	AE	AE	7.1351	0.0192	247.57	0.27	40.377	16.902
03/12/21	23:00:00	1.098	1.5947	0.1633	0.1359	0.2991	6.374	0.0206	195.36	0.27	40.719	16.051

PROMEDIO 24 HORAS	37.514	1.092	0.04	0.141	0.125	5.72	0.011
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	04/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
04/12/21	0:00:00	2.091	1.4844	0.0596	0.1205	0.1801	5.787	0.0136	249.72	0.272	41.723	15.103
04/12/21	1:00:00	1.535	1.5434	0.072	0.119	0.191	5.6863	0.0101	253.77	0.274	44.254	14.222
04/12/21	2:00:00	1.669	1.5333	0.0446	0.1129	0.1575	5.5414	0.0095	245.84	0.271	45.542	13.45
04/12/21	3:00:00	3.263	1.376	0.0338	0.1033	0.1371	5.4955	0.0072	188.25	0.289	46.075	12.878
04/12/21	4:00:00	1.325	1.5605	0.111	0.1158	0.2268	5.9526	0.0072	175.73	0.278	50.079	12.12
04/12/21	5:00:00	0.868	1.4285	0.0577	0.1194	0.177	6.4648	0.0161	270.28	0.328	53.032	11.384
04/12/21	6:00:00	1.936	1.3046	0.0218	0.1014	0.1232	6.192	0.0177	281.64	0.292	53.452	10.935
04/12/21	7:00:00	4.579	1.3108	0.0178	0.0875	0.1053	5.805	0.0081	276.83	0.303	100	10.612
04/12/21	8:00:00	4.031	1.382	0.0567	0.0941	0.1508	6.0935	0.0067	272.34	0.282	100	11.213
04/12/21	9:00:00	8.51	1.4771	0.0937	0.087	0.1806	9.9611	0.0048	225.06	0.27	39.827	14.375
04/12/21	10:00:00	15.461	1.3615	0.0744	0.0844	0.1588	11.785	0.0063	157.18	0.27	37.357	16.541
04/12/21	11:00:00	23.228	1.5896	0.094	0.1452	0.2393	9.011	0.0105	119.28	0.27	34.562	18.407
04/12/21	12:00:00	36.433	1.386	0.0396	0.0979	0.1376	6.8773	0.0272	145.75	0.281	23.924	21.053
04/12/21	13:00:00	38.639	1.3096	0.0372	0.0906	0.1278	5.9792	0.0251	102.66	0.311	21.913	22.67
04/12/21	14:00:00	38.593	1.0487	0.0111	0.0397	0.0508	5.6966	0.0097	91.638	0.355	20.927	23.576
04/12/21	15:00:00	38.369	1.0313	0.0128	0.0349	0.0477	5.6591	0.0064	110.87	0.424	21.055	24.133
04/12/21	16:00:00	37.669	0.9771	0.0079	0.0264	0.0343	5.4933	0.005	75.735	0.519	20.996	23.91
04/12/21	17:00:00	35.772	0.9818	0.0076	0.03	0.0376	5.4705	0.004	73.554	0.43	21.456	23.608
04/12/21	18:00:00	31.364	1.0643	0.0052	0.0516	0.0568	5.7339	0.0021	78.241	0.772	24.397	22.424
04/12/21	19:00:00	19.65	1.3331	0.0137	0.1216	0.1353	6.8186	0.0045	91.065	0.461	30.296	20.907
04/12/21	20:00:00	12.861	1.4815	0.0207	0.1368	0.1575	5.9396	0.0068	118.27	0.332	37.281	19.536
04/12/21	21:00:00	5.031	1.7812	0.0928	0.1721	0.2649	6.1758	0.0089	145.56	0.27	37.45	18.526
04/12/21	22:00:00	0.702	2.2655	AE	AE	AE	7.6431	0.0168	232.43	0.27	38.344	17.438
04/12/21	23:00:00	2.352	2.008	0.1467	0.1634	0.31	6.8781	0.0202	230.76	0.27	38.235	16.803

PROMEDIO 24 HORAS	38.639	1.417	0.049	0.172	0.147	6.59	0.011
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	05/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
05/12/21	0:00:00	1.048	1.7424	0.1567	0.1539	0.3106	6.4403	0.0117	259.05	0.27	43.44	15.416
05/12/21	1:00:00	1.757	1.5577	0.0681	0.142	0.2101	6.073	0.0101	269.31	0.27	43.755	14.663
05/12/21	2:00:00	9.944	1.2417	0.0125	0.0927	0.1053	5.6795	0.0096	283.14	0.271	43.37	14.049
05/12/21	3:00:00	5.574	1.7878	0.1746	0.1336	0.3082	6.8239	0.0087	138.95	0.274	49.401	13.042
05/12/21	4:00:00	0.523	1.6707	0.1314	0.1555	0.2868	AE	0.0247	223.92	0.27	54.552	12.015
05/12/21	5:00:00	0.081	1.5581	0.1094	0.1445	0.2539	AE	0.0547	220.32	0.271	54.723	11.635
05/12/21	6:00:00	0.83	1.4938	0.0557	0.1353	0.191	7.6704	0.0547	248.11	0.272	54.865	11.141
05/12/21	7:00:00	0.928	1.386	0.0447	0.1234	0.1681	7.0359	0.0239	279.06	0.27	100	10.59
05/12/21	8:00:00	4.008	1.2616	0.0494	0.0944	0.1438	6.412	0.0152	290.48	0.276	100	10.773
05/12/21	9:00:00	11.134	1.2939	0.066	0.0799	0.1459	7.328	0.0091	265.98	0.271	44.64	13.245
05/12/21	10:00:00	15.386	1.2408	0.0771	0.0872	0.1643	10.996	0.0085	163.27	0.271	39.906	15.254
05/12/21	11:00:00	25.631	1.1236	0.0349	0.0622	0.0971	AE	0.0066	149.37	0.271	35.454	17.594
05/12/21	12:00:00	33.304	1.0639	0.0245	0.0591	0.0836	11.39	0.0058	140.16	0.27	28.676	19.801
05/12/21	13:00:00	43.496	1.1392	0.0195	0.0712	0.0907	7.2493	0.0061	96.123	0.271	24.069	21.573
05/12/21	14:00:00	57.898	1.1001	0.0125	0.0784	0.0909	6.8261	0.0073	105.77	0.27	21.209	23.261
05/12/21	15:00:00	48.37	0.9809	0.0063	0.0495	0.0558	6.2145	0.012	189.29	0.391	18.069	24.083
05/12/21	16:00:00	40.898	0.9318	0.0082	0.0344	0.0426	5.8788	0.0073	247.36	0.331	16.687	24.947
05/12/21	17:00:00	39.324	0.9614	0.0074	0.0452	0.0526	6.0858	0.0037	251.18	0.397	17.031	24.535
05/12/21	18:00:00	32.546	1.1389	0.0091	0.077	0.0861	6.1898	0.0039	246.87	0.318	19.06	23.471
05/12/21	19:00:00	22.598	1.3321	0.0205	0.1405	0.161	6.0188	0.0065	250.12	0.271	22.146	21.898
05/12/21	20:00:00	10.873	1.8941	0.124	AE	0.3602	6.4009	0.0092	219.24	0.27	25.826	20.695
05/12/21	21:00:00	3.311	2.1586	AE	AE	AE	6.8987	0.0139	211.08	0.27	28.839	19.578
05/12/21	22:00:00	7.939	1.849	AE	AE	AE	6.2888	0.0141	241.52	0.271	30.31	18.671
05/12/21	23:00:00	21.187	1.3509	0.0116	0.1194	0.131	5.6951	0.0157	248.39	0.347	31.053	17.9

PROMEDIO 24 HORAS	57.898	1.386	0.056	0.155	0.161	6.93	0.014
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	06/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
06/12/21	0:00:00	36.503	0.9272	0.0033	0.0569	0.0601	5.6066	0.0084	229.82	0.359	29.416	18.235
06/12/21	1:00:00	36.375	0.8849	0.0025	0.0526	0.055	5.6321	0.0075	239.35	0.373	31.273	17.387
06/12/21	2:00:00	39.211	0.8527	0.0004	0.0326	0.033	5.6431	0.0075	219.99	0.404	32.712	16.839
06/12/21	3:00:00	41.099	0.8392	0	0.0284	0.0274	5.579	0.007	221.42	0.527	33.972	16.505
06/12/21	4:00:00	41.336	0.8605	0	0.0298	0.0289	5.5378	0.0085	236.36	0.403	35.784	16.128
06/12/21	5:00:00	38.07	0.9309	0.0024	0.0615	0.0639	5.6083	0.0091	167.13	0.297	39.516	15.355
06/12/21	6:00:00	0.02	1.2083	AE	AE	AE	6.1229	0.0127	61.239	0.27	45.823	13.673
06/12/21	7:00:00	DI	1.4608	AE	AE	AE	6.9551	0.0183	103.38	0.27	100	13.102
06/12/21	8:00:00	0	2.2779	AE	AE	AE	8.2706	0.0297	94.877	0.271	100	13.222
06/12/21	9:00:00	2.207	3.6231	AE	AE	AE	11.699	0.0366	58.195	0.27	45.742	14.622
06/12/21	10:00:00	6.822	2.5188	AE	AE	AE	11.699	0.0474	64.492	0.271	39.846	16.946
06/12/21	11:00:00	25.962	1.651	AE	0	0	8.4628	0.0419	75.931	0.273	36.885	19.064
06/12/21	12:00:00	44.002	1.2698	AE	0	0	8.3741	0.0269	130.08	0.271	33.486	21.329
06/12/21	13:00:00	51.51	1.0669	AE	0	0	6.6832	0.0284	211.95	0.289	28.085	23.16
06/12/21	14:00:00	55.066	0.6286	AE	0	0	5.9539	0.0139	184.88	0.277	25.195	23.77
06/12/21	15:00:00	53.446	0.8352	AE	0	0	5.8719	0.0109	136.16	0.335	23.816	24.065
06/12/21	16:00:00	52.147	0.851	AE	0	0	5.898	0.011	139.65	0.361	22.687	24.375
06/12/21	17:00:00	48.161	0.9349	AE	0	0	5.8658	0.0117	79.405	0.325	22.757	24.261
06/12/21	18:00:00	43.636	1.1256	AE	0	0	6.0217	0.0116	70.192	0.273	23.973	23.549
06/12/21	19:00:00	17.533	1.5399	AE	0	0	6.5496	0.0134	82.828	0.362	28.559	22.131
06/12/21	20:00:00	24.538	1.3745	AE	0	0	6.1266	0.0169	110	0.335	37.85	20.504
06/12/21	21:00:00	18.147	1.5279	AE	0	0	6.2926	0.0144	121.27	0.429	40.728	19.541
06/12/21	22:00:00	7.797	1.654	AE	0	0	6.7831	0.0238	185.03	0.271	43.487	18.29
06/12/21	23:00:00	9.179	1.5497	AE	0	0	6.1347	0.0257	191.26	0.27	43.155	17.508

PROMEDIO 24 HORAS	55.066	1.35	0.001	0.061	0.014	6.81	0.018
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	07/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
07/12/21	0:00:00	1.678	1.9149	AE	0	0	6.8409	0.0236	193.02	0.27	47.344	17.077
07/12/21	1:00:00	16.074	1.3102	AE	0	0	6.197	0.0251	160.49	0.275	49.629	16.849
07/12/21	2:00:00	38.622	0.9444	AE	0	0	5.6229	0.0161	122.56	0.307	54.82	16.72
07/12/21	3:00:00	28.564	1.0451	AE	0	0	5.608	0.0121	273.89	0.273	57.347	15.236
07/12/21	4:00:00	17.59	1.0625	AE	0	0	5.6782	0.0153	290.84	0.307	61.045	13.918
07/12/21	5:00:00	12.68	1.1079	AE	0	0	5.6912	0.0345	202.54	0.27	64.512	13.471
07/12/21	6:00:00	14.328	1.0106	AE	0	0	5.5646	0.0305	274.3	0.336	65.752	12.614
07/12/21	7:00:00	16.765	1.1161	AE	0	0	5.8418	0.0244	286.62	0.386	100	12.144
07/12/21	8:00:00	8.933	1.3887	AE	0	0	5.7844	0.0176	117.75	0.273	100	12.149
07/12/21	9:00:00	7.513	1.732	AE	0	0	6.8448	0.0221	143.6	0.27	58.157	14.835
07/12/21	10:00:00	23.114	1.3681	AE	0	0	7.2939	0.0215	106.83	0.293	62.396	16.287
07/12/21	11:00:00	36.994	1.0958	AE	AE	AE	6.7973	0.0242	97.858	0.325	65.014	17.573
07/12/21	12:00:00	47.429	1.0064	0.0138	0.0663	0.0801	6.2653	0.0199	110.06	0.579	50.075	20.433
07/12/21	13:00:00	53.919	0.9673	0.0129	0.068	0.0809	6.6476	0.0186	108.1	0.769	40.513	22.404
07/12/21	14:00:00	49.827	0.8595	0.0152	0.0572	0.0724	6.2605	0.0169	201.85	0.886	26.741	24.958
07/12/21	15:00:00	46.881	0.9146	0.0161	0.0524	0.0686	5.6693	0.0083	218.62	0.89	21.672	26.206
07/12/21	16:00:00	45.304	0.8358	0.0182	0.0503	0.0685	5.551	0.0119	206.47	0.995	18.745	26.518
07/12/21	17:00:00	43.871	0.8323	0.0169	0.0578	0.0747	5.4663	0.0091	213.57	0.903	17.718	26.364
07/12/21	18:00:00	34.212	1.0472	0.0146	0.0866	0.1012	5.708	0.0087	247.19	0.697	13.822	25.494
07/12/21	19:00:00	26.451	1.212	0.0131	0.1329	0.146	5.378	0.0082	259.89	0.523	15.776	23.402
07/12/21	20:00:00	12.701	1.8205	0.1586	AE	0.4038	5.754	0.0079	215.17	0.292	19.136	21.622
07/12/21	21:00:00	2.58	2.2399	0.2896	AE	AE	6.8444	0.0104	220.52	0.407	22.665	20.53
07/12/21	22:00:00	1.813	2.6412	0.4561	AE	AE	7.1464	0.0146	169.95	0.272	27.874	18.934
07/12/21	23:00:00	7.496	2.283	0.2706	AE	0.462	7.1804	0.0167	255.57	0.327	29.418	18.347

PROMEDIO 24 HORAS	53.919	1.323	0.108	0.133	0.074	6.15	0.017
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	08/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS				
									WD	WS	HR	TEMP	
08/12/21	0:00:00	32.927	1.0897	0.0107	0.0474	0.0582	5.5936	0.016	229.15	0.672	27.628	18.484	
08/12/21	1:00:00	32.103	1.0382	0.006	0.0366	0.0427	5.2699	0.0104	233.52	0.738	24.603	18.416	
08/12/21	2:00:00	31.627	1.0123	0.002	0.0295	0.0315	5.225	0.006	231.4	0.572	24.986	18.032	
08/12/21	3:00:00	30.487	0.9965	0.0006	0.0292	0.0298	5.2597	0.004	221.59	0.298	26.913	16.984	
08/12/21	4:00:00	28.153	1.0418	0.0011	0.0332	0.0343	5.2417	0.0057	245.07	0.283	28.913	16.034	
08/12/21	5:00:00	22.749	1.1355	0.0149	0.0909	0.1058	5.2884	0.0061	113.31	0.271	33.558	14.93	
08/12/21	6:00:00	2.757	1.4537	0.0879	AE		0.3393	6.0587	0.0122	143.83	0.274	47.253	12.954
08/12/21	7:00:00	0.936	1.7562	0.2609	AE		0.5061	7.0789	0.0381	160.09	0.271	100	12.453
08/12/21	8:00:00	2.6	2.8001	0.7508	AE	AE		9.9403	0.0382	195.31	0.27	100	12.713
08/12/21	9:00:00	4.316	3.206	0.7024	AE	AE		11.888	0.0775	206.22	0.274	41.313	15.091
08/12/21	10:00:00	9.435	2.8141	0.5505	AE	AE	AE		0.0631	97.089	0.29	32.099	17.715
08/12/21	11:00:00	23.671	1.9547	AE		0	0	AE	0.0677	94.14	0.526	26.436	20.145
08/12/21	12:00:00	37.328	1.3256	AE		0	0	13.18	0.0568	86.638	0.632	21.762	22.345
08/12/21	13:00:00	45.611	1.2081	AE		0	0	8.7653	0.027	135.36	0.588	16.87	24.598
08/12/21	14:00:00	46.847	1.1212	AE		0	0	7.3014	0.0144	170.32	0.523	13.957	26.255
08/12/21	15:00:00	51.845	1.0723	AE		0	0	6.5383	0.0132	101.24	0.533	13.349	26.644
08/12/21	16:00:00	53.552	1.0476	AE		0	0	6.2178	0.0094	107.87	0.543	13.131	27.118
08/12/21	17:00:00	52.16	1.1239	AE		0	0	6.3943	0.009	101.74	0.551	13.439	27.029
08/12/21	18:00:00	32.877	1.4746	AE		0	0	6.2378	0.0104	97.878	0.406	13.215	26.363
08/12/21	19:00:00	4.65	2.5657	AE		0	0	6.9988	0.0106	213.42	0.347	16.377	24.073
08/12/21	20:00:00	3.391	2.0077	AE		0	0	6.3913	0.0156	245.7	0.454	16.355	22.566
08/12/21	21:00:00	4.783	1.9035	AE		0	0	5.6717	0.0116	205.92	0.382	20.135	20.658
08/12/21	22:00:00	1.77	2.8724	AE		0	0	7.3194	0.0125	158.4	0.292	22.919	19.75
08/12/21	23:00:00	1.476	2.9326	AE		0	0	8.0626	0.0226	226.74	0.308	26.411	18.241

PROMEDIO 24 HORAS	53.552	1.706	0.217	0.091	0.055	7.09	0.023
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	09/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
09/12/21	0:00:00	1.343	1.546	AE	0	0	6.1827	0.0232	240.56	0.289	28.833	16.782
09/12/21	1:00:00	8.699	1.2065	AE	0	0	5.903	0.0118	213.58	0.274	26.328	17.292
09/12/21	2:00:00	4.446	2.0483	AE	0	0	6.7379	0.0143	66.657	0.27	33.709	15.566
09/12/21	3:00:00	0.905	2.1822	AE	0	0	8.1335	0.0264	191.95	0.27	41.272	14.551
09/12/21	4:00:00	0.82	1.8458	AE	0	0	7.6288	0.0365	205.44	0.27	45.813	13.531
09/12/21	5:00:00	0.831	1.6148	AE	0	0	8.3096	0.0263	163.99	0.27	52.912	12.592
09/12/21	6:00:00	0.856	1.4561	AE	0	0	8.8393	0.0358	166.22	0.27	56.742	12.198
09/12/21	7:00:00	0.897	1.6246	AE	0	0	8.8407	0.039	181.03	0.272	100	11.963
09/12/21	8:00:00	1.454	2.712	AE	0	0	9.4283	0.0329	173.22	0.27	100	13.403
09/12/21	9:00:00	1.998	3.2033	AE	0	0	10.984	0.0343	73.264	0.27	40.712	15.479
09/12/21	10:00:00	4.784	3.4392	AE	0	0	13.431	0.0361	104.04	0.276	37.251	16.917
09/12/21	11:00:00	12.972	2.2581	AE	0	0	14.398	0.0658	81	0.291	27.26	19.779
09/12/21	12:00:00	26.356	1.3746	AE	0	0	11.055	0.0675	113.55	0.271	19.174	23.092
09/12/21	13:00:00	34.518	0.8619	AE	0	0	6.6845	0.0316	219.06	0.613	13.933	25.137
09/12/21	14:00:00	33.476	0.7484	AE	0	0	5.6107	0.007	240.77	0.787	12.672	25.645
09/12/21	15:00:00	32.74	0.7787	AE	0	0	5.5906	0.0047	238.82	0.709	11.215	26.458
09/12/21	16:00:00	32.466	0.7287	AE	0	0	5.6932	0.0026	220.68	0.75	10.607	26.497
09/12/21	17:00:00	32.961	0.7419	AE	0	0	5.735	0.0015	213.56	0.733	10.81	26.428
09/12/21	18:00:00	29.334	1.0324	AE	0	0	5.8351	0.0029	227.8	0.537	11.262	25.343
09/12/21	19:00:00	6.351	1.9477	AE	0	0	6.418	0.003	250.89	0.351	14.105	23.115
09/12/21	20:00:00	11.307	1.5561	AE	0	0	6.4333	0.0053	240.67	0.424	15.416	21.932
09/12/21	21:00:00	15.973	1.2704	AE	0	0	5.926	0.0074	240.01	0.316	16.333	21.328
09/12/21	22:00:00	15.076	1.2467	AE	0	0	6.2673	0.0092	139.61	0.27	17.393	20.779
09/12/21	23:00:00	4.825	1.5313	AE	0	0	6.5404	0.0099	247.87	0.27	22.356	18.442

PROMEDIO 24 HORAS	34.518	1.623	#DIV/0!	0	0	7.78	0.022
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	10/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
10/12/21	0:00:00	19.179	0.9495	AE	0	0	5.9263	0.0117	254.28	0.279	22.361	17.641
10/12/21	1:00:00	14.226	1.0331	AE	0	0	5.8577	0.0079	200.99	0.276	23.322	17.126
10/12/21	2:00:00	20.699	0.782	AE	0	0	5.6479	0.0084	238.34	0.317	21.907	16.947
10/12/21	3:00:00	22.979	0.7292	AE	0	0	5.3323	0.0046	209.61	0.276	22.942	16.58
10/12/21	4:00:00	10.82	1.0046	AE	0	0	5.6543	0.0035	155.59	0.27	30.565	14.715
10/12/21	5:00:00	1.795	1.6226	AE	0	0	7.8613	0.0113	159.56	0.27	39.468	13.773
10/12/21	6:00:00	4.869	1.8545	AE	0	0	13.199	0.0461	96.238	0.27	41.819	13.032
10/12/21	7:00:00	7.455	2.1709	AE	0	0	AE	DI	92.564	0.27	100	12.84
10/12/21	8:00:00	4.343	2.7433	AE	0	0	13.442	DI	92.159	0.27	100	12.501
10/12/21	9:00:00	2.847	3.3558	AE	0	0	12.588	0.087	55.585	0.27	38.425	14.261
10/12/21	10:00:00	5.228	2.6013	AE	0	0	12.246	0.0521	148.52	0.27	26.85	18.004
10/12/21	11:00:00	19.51	0.9342	AE	0	0	6.8717	0.0428	199.59	0.309	17.303	21.622
10/12/21	12:00:00	30.158	0.7837	AE	0	0	5.7552	0.0074	227.21	0.716	17.615	22.742
10/12/21	13:00:00	33.511	0.7849	AE	0	0	5.8662	0.0068	236.33	0.885	17.102	23.509
10/12/21	14:00:00	34.39	0.794	AE	0	0	5.6823	0.0075	244.67	0.934	15.878	24.77
10/12/21	15:00:00	38.021	0.7741	AE	0	0	5.7781	0.0062	229.01	0.969	15.248	25.603
10/12/21	16:00:00	37.405	0.7874	AE	0	0	5.7866	0.0057	246.47	0.853	12.109	25.95
10/12/21	17:00:00	37.608	0.689	AE	0	0	5.5613	0.0042	265.67	0.794	8.614	26.113
10/12/21	18:00:00	32.119	0.9097	AE	0	0	5.577	0.0018	253.94	0.608	9.651	25.151
10/12/21	19:00:00	12.539	1.531	AE	0	0	6.229	0.0028	239.79	0.446	12.29	23.113
10/12/21	20:00:00	12.824	1.1537	AE	0	0	5.7628	0.0076	233.56	0.651	14.06	21.932
10/12/21	21:00:00	18.98	0.913	AE	0	0	5.5219	0.0061	222.98	0.944	14.342	20.959
10/12/21	22:00:00	20.136	0.8715	AE	0	0	5.679	0.0036	223.32	0.783	14.928	20.306
10/12/21	23:00:00	20.998	0.8413	AE	0	0	5.5897	0.0051	225.44	0.656	16.003	19.915

PROMEDIO 24 HORAS	38.021	1.276	#DIV/0!	0	0	7.11	0.015
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	11/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitócora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
11/12/21	0:00:00	18.927	0.8745	AE	0	0	5.5957	0.0167	225.85	0.377	17.757	19.159
11/12/21	1:00:00	19.952	0.8396	AE	0	0	5.5998	0.0018	225.96	0.453	19.106	18.526
11/12/21	2:00:00	6.009	1.8568	AE	0	0	7.0728	0.005	82.191	0.334	24.516	15.681
11/12/21	3:00:00	1.631	1.8191	AE	0	0	8.1037	0.0227	172.76	0.27	27.637	14.478
11/12/21	4:00:00	3.532	1.0743	AE	0	0	6.642	0.0344	234.67	0.27	29.749	13.82
11/12/21	5:00:00	3.388	1.431	AE	0	0	7.037	0.0111	165.33	0.27	34.682	13.01
11/12/21	6:00:00	1.593	1.6469	AE	0	0	10.531	0.0156	162.38	0.27	34.647	12.54
11/12/21	7:00:00	1.566	1.5777	AE	0	0	12.041	0.0427	212.1	0.27	100	12.181
11/12/21	8:00:00	2.062	2.1047	AE	0	0	10.469	0.0387	148.38	0.27	100	12.528
11/12/21	9:00:00	5.808	2.2123	AE	0	0	12.303	0.0442	124.93	0.271	30.425	15.237
11/12/21	10:00:00	11.055	2.1631	AE	0	0	15.004	0.0626	103.37	0.292	26.093	16.669
11/12/21	11:00:00	12.918	1.5208	AE	0	0	13.489	0.0652	98.329	0.557	24.11	18.773
11/12/21	12:00:00	26.371	1.0011	AE	0	0	8.0557	0.0332	99.973	0.528	23.132	20.761
11/12/21	13:00:00	35.605	0.7705	AE	0	0	6.0857	0.0129	98.905	0.591	19.612	22.152
11/12/21	14:00:00	42.959	0.7961	AE	0	0	5.8162	0.0074	100.42	0.544	16.279	23.135
11/12/21	15:00:00	45.778	0.8207	AE	0	0	5.9962	0.0039	107.95	0.566	15.047	24.026
11/12/21	16:00:00	54.822	0.8367	AE	0	0	6.3171	0.0061	119.85	0.41	13.286	25.104
11/12/21	17:00:00	44.789	0.7673	AE	0	0	6.3517	0.0088	56.419	0.564	14.108	25.002
11/12/21	18:00:00	32.153	0.8717	AE	0	0	5.9427	0.007	82.534	0.894	18.931	23.623
11/12/21	19:00:00	28	1.0526	AE	0	0	6.0402	0.005	91.587	1.017	32.953	20.671
11/12/21	20:00:00	30.516	1.0551	AE	0	0	6.5957	0.0105	96.499	1.224	56.212	17.416
11/12/21	21:00:00	31.773	1.0061	AE	0	0	6.3374	0.0161	87.012	1.072	62.403	15.67
11/12/21	22:00:00	28.135	1.0025	AE	0	0	6.23	0.0211	82.616	0.991	70.504	14.793
11/12/21	23:00:00	25.522	1.0018	AE	0	0	6.4379	0.0182	86.405	0.762	69.905	14.604

PROMEDIO 24 HORAS	54.822	1.254	#DIV/0!	0	0	7.92	0.021
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	12/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
12/12/21	0:00:00	33.428	1.1344	AE	0	0	6.2199	0.0234	104.58	0.889	72.111	14.236
12/12/21	1:00:00	26.151	1.2096	AE	0	0	6.1515	0.0209	99.501	0.758	75.519	13.777
12/12/21	2:00:00	33.326	1.0978	AE	0	0	6.0093	0.0215	116.15	1.038	75.363	13.64
12/12/21	3:00:00	35.892	1.0755	AE	0	0	5.8753	0.0209	115.9	1.007	72.989	13.386
12/12/21	4:00:00	37.107	1.0291	AE	0	0	5.8603	0.0145	123.94	0.949	74.131	13.127
12/12/21	5:00:00	37.003	1.0345	AE	0	0	5.7681	0.0137	113.66	0.887	75.773	12.847
12/12/21	6:00:00	34.478	1.0913	AE	0	0	5.669	0.0145	125.95	0.563	76.726	12.571
12/12/21	7:00:00	28.042	1.128	AE	0	0	5.748	0.0186	198.34	0.365	100	12.124
12/12/21	8:00:00	12.884	1.2156	AE	0	0	6.1309	0.0145	260.19	0.392	100	10.91
12/12/21	9:00:00	16.27	1.1943	AE	0	0	6.2522	0.0168	264.85	0.292	81.227	11.128
12/12/21	10:00:00	20.657	1.3235	AE	0	0	6.8165	0.0149	213.54	0.374	72.077	13.281
12/12/21	11:00:00	35.697	1.0789	AE	0	0	6.3412	0.0185	103.28	0.981	61.303	15.65
12/12/21	12:00:00	40.012	1.1161	AE	0	0	6.1746	0.0086	103.66	0.837	53.805	17.351
12/12/21	13:00:00	45.806	1.0657	AE	0	0	6.2927	0.0098	120.79	0.592	47.414	18.925
12/12/21	14:00:00	50.615	1.0671	AE	0	0	6.7648	0.0111	125.08	0.511	41.452	20.766
12/12/21	15:00:00	53.571	1.0575	AE	0	0	7.293	0.0107	87.571	0.711	38.318	21.681
12/12/21	16:00:00	55.762	1.0614	AE	0	0	7.5205	0.0135	91.583	0.669	35.09	22.446
12/12/21	17:00:00	49.477	1.0442	AE	0	0	6.8702	0.0169	61.567	0.732	37.677	22.057
12/12/21	18:00:00	36.156	1.1858	AE	0	0	6.1869	0.0118	96.783	0.749	42.621	20.5
12/12/21	19:00:00	28.85	1.2399	AE	0	0	5.9813	0.0181	108.02	0.784	50.788	17.853
12/12/21	20:00:00	26.493	1.2554	AE	0	0	6.0042	0.0133	111.71	0.734	57.626	16.079
12/12/21	21:00:00	22.709	1.2919	AE	0	0	5.9504	0.0099	114.32	0.366	62.328	15.305
12/12/21	22:00:00	19.25	1.295	AE	0	0	5.5406	0.0081	103.19	0.272	66.731	14.663
12/12/21	23:00:00	17.882	1.232	AE	0	0	5.515	0.011	115.07	0.27	72.171	14.079

PROMEDIO 24 HORAS	55.762	1.147	#DIV/0!	0	0	6.21	0.015
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	13/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
13/12/21	0:00:00	12.439	1.0605	AE	0	0	5.6087	0.0209	193.45	0.27	74.389	13.627
13/12/21	1:00:00	3.726	1.139	AE	0	0	5.6817	0.0273	276.52	0.271	74.449	12.991
13/12/21	2:00:00	6.773	0.8649	AE	0	0	5.5174	0.0235	294.09	0.272	75.166	12.3
13/12/21	3:00:00	17.387	0.7893	AE	0	0	5.3304	0.0136	293.51	0.306	86.143	11.669
13/12/21	4:00:00	16.55	0.7389	AE	0	0	5.2971	0.0103	287.48	0.274	84.771	11.171
13/12/21	5:00:00	9.135	0.8117	AE	0	0	5.3179	0.0096	287.99	0.336	79.945	10.707
13/12/21	6:00:00	16.076	0.7276	AE	0	0	5.2455	0.0118	276.3	0.527	95.4	9.808
13/12/21	7:00:00	20.41	0.7091	AE	0	0	5.2083	0.0088	239.42	0.451	100	9.139
13/12/21	8:00:00	19.046	0.8137	AE	0	0	5.15	0.0064	271.94	0.4	100	9.181
13/12/21	9:00:00	19.141	0.7753	AE	0	0	5.1554	0.0042	256.59	0.437	DI	9.28
13/12/21	10:00:00	16.036	0.9023	AE	0	0	5.2685	0.0063	224.01	0.286	DI	9.863
13/12/21	11:00:00	AE	0	0.0677	AE	0	0	ND	0	0	0	0
13/12/21	12:00:00	AE	0	0.0568	AE	0	0	ND	0	0	0	0
13/12/21	13:00:00	AE	0	0.027	AE	0	0	ND	0	0	0	0
13/12/21	14:00:00	AE	0	0.0144	AE	0	0	ND	0	0	0	0
13/12/21	15:00:00	AE	0	0.0132	AE	0	0	ND	0	0	0	0
13/12/21	16:00:00	AE	0	0.0094	AE	0	0	ND	0	0	0	0
13/12/21	17:00:00	AE	0	0.009	AE	0	0	ND	0	0	0	0
13/12/21	18:00:00	AE	0	0.0104	AE	0	0	ND	0	0	0	0
13/12/21	19:00:00	AE	0	0.0106	AE	0	0	ND	0	0	0	0
13/12/21	20:00:00	AE	0	0.0156	AE	0	0	ND	0	0	0	0
13/12/21	21:00:00	AE	0	0.0116	AE	0	0	ND	0	0	0	0
13/12/21	22:00:00	AE	0	0.0125	AE	0	0	ND	0	0	0	0
13/12/21	23:00:00	AE	0	0.0226	AE	0	0	ND	0	0	0	0

PROMEDIO 24 HORAS	20.41	0.389	0.022	0	0	2.45	0.013
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	14/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
14/12/21	0:00:00	0.319	1.4226	AE	0	0	6.2076	0.0268	261.89	0.27	69.004	14.105
14/12/21	1:00:00	5.138	0.7767	AE	0	0	5.3942	0.0214	270.83	0.271	68.184	13.028
14/12/21	2:00:00	9.758	0.6276	AE	0	0	5.1866	0.0147	275.51	0.271	69.366	12.413
14/12/21	3:00:00	11.826	0.618	AE	0	0	5.0529	0.011	280.89	0.279	72.379	11.807
14/12/21	4:00:00	8.182	0.6575	AE	0	0	5.0877	0.013	296.09	0.282	78.908	11.313
14/12/21	5:00:00	8.585	0.5919	AE	0	0	5.1055	0.0102	201.37	0.376	93.929	9.85
14/12/21	6:00:00	13.241	0.6203	AE	0	0	4.8999	0.0106	246.32	0.328	DI	8.927
14/12/21	7:00:00	13.34	0.6024	AE	0	0	4.9459	DI	270.74	0.344	100	8.887
14/12/21	8:00:00	8.274	0.7794	AE	0	0	5.004	DI	257.97	0.342	100	9.325
14/12/21	9:00:00	9.269	0.8153	AE	0	0	5.0718	DI	260.33	0.383	DI	9.881
14/12/21	10:00:00	14.595	0.7742	AE	0	0	4.9815	DI	258.63	0.29	DI	10.262
14/12/21	11:00:00	17.606	0.7215	AE	0	0	4.98	DI	247.81	0.271	97.788	11.359
14/12/21	12:00:00	19.915	0.654	AE	0	0	5.0642	0.0124	194.57	0.271	85.727	13.045
14/12/21	13:00:00	29.438	0.6528	AE	0	0	5.0982	0.0129	95.633	0.329	71.096	15.729
14/12/21	14:00:00	37.936	0.6588	AE	0	0	5.1813	0.0196	79.387	0.592	57.513	18.009
14/12/21	15:00:00	42.397	0.5935	AE	0	0	5.4131	0.0157	86.512	0.611	45.286	20.218
14/12/21	16:00:00	41.306	0.5194	AE	0	0	6.1855	0.014	100.58	0.687	37.47	21.444
14/12/21	17:00:00	38.311	0.46	AE	0	0	6.3098	0.0122	87.104	0.55	39.426	21.617
14/12/21	18:00:00	23.955	0.5215	AE	0	0	5.5866	0.009	75.927	0.815	50.362	20.008
14/12/21	19:00:00	14.336	0.7515	AE	0	0	5.9748	0.0077	104.57	0.769	54.404	18.142
14/12/21	20:00:00	16.812	0.7427	AE	0	0	5.2348	0.0106	105.27	0.616	58.78	16.532
14/12/21	21:00:00	16.437	0.7472	AE	0	0	5.1203	0.0105	100.37	0.626	58.199	16.138
14/12/21	22:00:00	11.467	0.8183	AE	0	0	5.4662	0.011	94.8	0.344	63.481	15.521
14/12/21	23:00:00	2.574	0.9996	AE	0	0	6.0267	0.0113	115.77	0.271	68.21	14.491

PROMEDIO 24 HORAS	42.397	0.714	#DIV/0!	0	0	5.36	0.013
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	15/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
15/12/21	0:00:00	6.159	0.9885	AE	0	0	8.0265	0.0143	84.241	0.273	75.588	13.64
15/12/21	1:00:00	4.024	0.9795	AE	0	0	7.0926	0.0129	177.38	0.275	83.132	12.851
15/12/21	2:00:00	5.481	0.9683	AE	0	0	6.1656	0.0146	258.86	0.304	87.106	11.412
15/12/21	3:00:00	7.246	0.826	AE	0	0	6.0539	0.0173	281.28	0.275	89.01	11.087
15/12/21	4:00:00	5.568	0.911	AE	0	0	6.281	0.0134	275.75	0.27	86.546	11.088
15/12/21	5:00:00	10.184	0.7803	AE	0	0	6.4421	0.0121	271.27	0.271	87.548	11.706
15/12/21	6:00:00	11.643	0.8762	AE	0	0	6.1336	0.014	228.84	0.271	84.831	12.096
15/12/21	7:00:00	14.981	0.7724	AE	0	0	5.9761	0.0138	229.2	0.303	100	11.708
15/12/21	8:00:00	11.612	0.9346	AE	0	0	5.8949	0.0134	230.95	0.44	100	11.424
15/12/21	9:00:00	15.536	1.0034	AE	0	0	5.9124	0.0148	228.8	0.589	79.392	11.767
15/12/21	10:00:00	20.881	0.925	AE	0	0	5.9607	0.0104	202.57	0.437	73.864	13.362
15/12/21	11:00:00	27.279	1.0276	AE	0	0	6.0478	0.0101	177.62	0.401	63.38	15.198
15/12/21	12:00:00	36.107	1.0717	AE	0	0	6.0905	0.0141	129.72	0.407	51.911	17.247
15/12/21	13:00:00	51.42	1.01	AE	0	0	6.4135	0.0187	148.64	0.41	43.632	19.55
15/12/21	14:00:00	DI	0.8447	AE	0	0	7.4258	0.018	160.68	0.474	37.01	21.742
15/12/21	15:00:00	67.299	0.6676	AE	0	0	6.8824	0.0254	102.86	0.627	28.658	23.215
15/12/21	16:00:00	56.056	0.5203	AE	0	0	6.1811	0.0238	81.926	0.618	22.207	23.863
15/12/21	17:00:00	51.053	0.6117	AE	0	0	5.9675	0.0113	71.69	0.607	21.976	23.925
15/12/21	18:00:00	42.638	0.7513	AE	0	0	5.885	0.009	59.195	0.705	25.415	22.957
15/12/21	19:00:00	23.254	1.1259	AE	0	0	5.9048	0.008	94.168	0.67	38.54	20.937
15/12/21	20:00:00	17.142	1.1637	AE	0	0	5.8637	0.012	116.89	0.634	48.618	19.374
15/12/21	21:00:00	15.436	1.0811	AE	0	0	6.1373	0.0157	111.45	0.732	54.336	18.365
15/12/21	22:00:00	16.171	1.0282	AE	0	0	5.7062	0.0136	103.4	0.433	61.094	17.266
15/12/21	23:00:00	3.616	1.2725	AE	0	0	5.7898	0.0137	214.46	0.274	61.04	16.128

PROMEDIO 24 HORAS	67.299	0.923	#DIV/0!	0	0	6.26	0.014
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	16/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
16/12/21	0:00:00	3.297	1.6028	AE	0	0	5.6972	0.0161	259.72	0.271	62.181	14.882
16/12/21	1:00:00	6.551	1.3921	AE	0	0	5.6977	0.0188	253.76	0.271	59.508	14.077
16/12/21	2:00:00	6.173	1.5515	AE	0	0	5.6209	0.0157	284.76	0.27	68.257	13.09
16/12/21	3:00:00	3.188	1.4782	AE	0	0	5.8875	0.0292	297.57	0.288	80.747	12.258
16/12/21	4:00:00	4.734	1.4182	AE	0	0	5.6891	0.0646	283.07	0.321	87.558	11.322
16/12/21	5:00:00	7.363	1.3741	AE	0	0	5.5313	0.0448	298.59	0.399	93.187	10.661
16/12/21	6:00:00	6.934	1.3366	AE	0	0	5.4502	0.0344	251.43	0.303	88.641	10.095
16/12/21	7:00:00	6.805	1.4317	AE	0	0	5.5228	0.0292	241.52	0.287	100	10.351
16/12/21	8:00:00	2.88	1.8636	AE	0	0	6.1792	0.0138	208.75	0.27	100	10.696
16/12/21	9:00:00	3.665	2.4883	AE	0	3	7.5695	0.024	80.034	0.27	73.215	12.744
16/12/21	10:00:00	6.425	3.0464	AE	0	0	9.3365	0.0424	128.73	0.27	74.361	14.11
16/12/21	11:00:00	14.303	2.5521	AE	0	0	9.5778	0.0663	103.12	0.283	68.115	15.904
16/12/21	12:00:00	26.603	2.1562	AE	0	0	10.031	0.0649	109.17	0.303	52.235	18.571
16/12/21	13:00:00	40.96	1.7616	AE	0	0	10.573	0.0596	128.86	0.428	39.563	21.505
16/12/21	14:00:00	54.816	1.1271	AE	0	0	7.8506	0.0439	147.53	0.559	25.782	23.773
16/12/21	15:00:00	54.453	0.9892	AE	0	0	6.0868	0.022	89.179	0.611	20.372	24.505
16/12/21	16:00:00	51.29	0.9777	AE	0	0	5.7379	0.0096	79.244	0.611	18.183	24.901
16/12/21	17:00:00	48.763	1.0052	AE	0	0	5.7507	0.006	71.521	0.72	19.04	24.723
16/12/21	18:00:00	40.738	1.2387	AE	0	0	5.7801	0.0054	59.346	0.546	19.309	23.891
16/12/21	19:00:00	27.349	1.505	AE	0	0	6.0836	0.0095	97.029	0.855	39.993	21.462
16/12/21	20:00:00	22.703	1.46	AE	0	0	6.0803	0.0161	107.45	0.775	53.721	19.667
16/12/21	21:00:00	19.417	1.5385	AE	0	0	5.975	0.0171	92.77	0.561	56.9	18.844
16/12/21	22:00:00	8.94	1.7019	AE	0	0	6.2195	0.0218	161.8	0.326	57.543	17.973
16/12/21	23:00:00	1.327	1.9445	AE	0	0	6.5435	0.0192	255.62	0.271	62.974	16.677

PROMEDIO 24 HORAS	54.816	1.623	#DIV/0!	0	0	6.69	0.029
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	17/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS								WD	WS	HR	TEMP
		O3	CO	NO	NO2	NOX	SO2	PM2.5					
17/12/21	0:00:00	4.647	1.0481	AE	0	0	6.7393	0.0191	262.95	0.274	58.998	15.494	
17/12/21	1:00:00	8.447	0.9518	AE	0	0	6.0483	0.0171	251.82	0.27	56.39	14.951	
17/12/21	2:00:00	2.749	1.3723	AE	0	0	6.6518	0.0217	217.03	0.272	68.326	14.02	
17/12/21	3:00:00	2.899	0.9283	AE	0	0	5.9957	0.0463	292.72	0.275	81.648	12.784	
17/12/21	4:00:00	10.245	0.7621	AE	0	0	5.8232	0.0396	292.74	0.273	80.439	12.508	
17/12/21	5:00:00	12.082	0.8047	AE	0	0	5.6243	0.0233	234.8	0.33	93.849	11.574	
17/12/21	6:00:00	11.547	0.6746	AE	0	0	5.5021	0.0201	284.87	0.316	DI	10.06	
17/12/21	7:00:00	4.885	0.6788	AE	0	0	5.4739	0.0186	279.15	0.363	100	9.653	
17/12/21	8:00:00	2.833	0.8167	AE	0	0	5.6983	0.0254	267.28	0.352	100	9.46	
17/12/21	9:00:00	5.2	1.1259	AE	0	0	6.2274	0.0231	67.22	0.271	79.748	12.199	
17/12/21	10:00:00	4.507	1.8595	AE	0	0	7.235	0.0224	64.781	0.272	82.856	13.167	
17/12/21	11:00:00	10.731	1.748	AE	0	0	8.0448	0.0486	70.877	0.459	69.439	15.254	
17/12/21	12:00:00	23.56	1.4541	AE	0	0	8.0286	0.0561	92.935	0.483	54.797	17.797	
17/12/21	13:00:00	36.854	1.1151	AE	0	0	8.1724	0.0558	112.97	0.433	43.405	20.657	
17/12/21	14:00:00	56.915	1.2565	AE	0	0	7.7176	0.0435	121.58	0.475	33.502	22.87	
17/12/21	15:00:00	60.314	1.159	AE	0	0	7.7333	0.0311	115.39	0.588	28.537	23.851	
17/12/21	16:00:00	54.916	1.1487	AE	0	0	7.5591	0.0281	161.27	0.518	24.555	24.892	
17/12/21	17:00:00	49.081	1.167	AE	0	0	6.5293	0.019	222.43	0.81	21.785	24.658	
17/12/21	18:00:00	47.175	1.2566	AE	0	0	6.4201	0.017	239.76	0.705	22.225	24.109	
17/12/21	19:00:00	37.245	1.7026	AE	0	0	6.108	0.0136	257.2	0.455	27.971	22.279	
17/12/21	20:00:00	8.85	2.8875	AE	0	0	6.6384	0.0189	191.45	0.276	32.831	20.467	
17/12/21	21:00:00	6.283	2.8058	AE	0	0	7.95	0.0277	148.83	0.275	33.464	19.964	
17/12/21	22:00:00	19.229	1.8031	AE	0	0	6.1907	0.0298	250.35	0.383	32.019	19.977	
17/12/21	23:00:00	5.199	2.7742	AE	0	0	6.971	0.0179	164.97	0.416	37.876	18.515	

PROMEDIO 24 HORAS	60.314	1.388	#DIV/0!	0	0	6.71	0.028
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	18/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
18/12/21	0:00:00	1.371	2.4244	AE	0	0	7.9999	0.0379	162.71	0.284	41.229	17.161
18/12/21	1:00:00	16.203	1.2071	AE	0	0	7.1689	0.0444	222.89	0.473	38.37	17.813
18/12/21	2:00:00	34.173	0.6566	AE	0	0	5.9323	0.027	239.12	0.601	40.838	17.743
18/12/21	3:00:00	38.844	0.6534	AE	0	0	5.8028	0.019	239.78	0.598	44.48	17.256
18/12/21	4:00:00	42.649	0.5988	AE	0	0	5.7226	0.0176	209.25	0.403	46.664	16.915
18/12/21	5:00:00	41.167	0.5555	AE	0	0	5.6951	0.0178	223.38	0.507	48.708	16.391
18/12/21	6:00:00	40.03	0.5503	AE	0	0	5.5751	0.0163	229.74	0.329	48.836	16.047
18/12/21	7:00:00	39.469	0.567	AE	0	0	5.5837	0.0138	223.64	0.457	100	15.917
18/12/21	8:00:00	29.034	0.8352	AE	0	0	5.691	0.0151	176.76	0.352	100	15.319
18/12/21	9:00:00	4.529	1.6924	AE	0	0	7.8212	0.0221	111.19	0.298	53.71	15.114
18/12/21	10:00:00	23.241	0.8357	AE	0	0	7.0166	0.0384	236.83	0.441	41.563	17.805
18/12/21	11:00:00	39.021	0.689	AE	0	0	6.8254	0.0158	178.52	0.392	35.001	19.911
18/12/21	12:00:00	42.884	0.8135	AE	0	0	7.3865	0.0157	80.245	0.523	32.457	20.912
18/12/21	13:00:00	49.614	0.4826	AE	0	0	6.7955	0.0232	189.63	0.56	27.811	22.649
18/12/21	14:00:00	38.576	0.3859	AE	0	0	5.7636	0.0116	223.56	0.629	25.731	22.921
18/12/21	15:00:00	39.065	0.4654	AE	0	0	5.6701	0.0071	104.04	0.527	26.076	22.393
18/12/21	16:00:00	34.595	0.5417	AE	0	0	5.6563	0.0081	58.108	0.611	26.385	22.123
18/12/21	17:00:00	28.845	0.5979	AE	0	0	5.6963	0.0122	48	0.495	28.071	21.664
18/12/21	18:00:00	20.414	0.6372	AE	0	0 AE		0.0127	45	0.402	28.473	21.214
18/12/21	19:00:00	3.995	1.2521	AE	0	0 AE		0.0135	141.5	0.299	31.329	20.493
18/12/21	20:00:00	1.617	1.3437	AE	0	0 AE		0.0274	152.52	0.304	37.609	19.118
18/12/21	21:00:00	4.035	1.1262	AE	0	0 AE		0.0283	160.06	0.298	38.148	18.594
18/12/21	22:00:00	1.546	1.5891	AE	0	0 AE		0.0224	251.27	0.28	39.413	18.136
18/12/21	23:00:00	1.439	1.1201	AE	0	0 AE		0.0252	231.57	0.271	38.688	17.731

PROMEDIO 24 HORAS	49.614	0.901	#DIV/0!	0	0	6.32	0.021
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	19/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
19/12/21	0:00:00	1.352	2.4356	AE	0	0	AE	0.0204	117.34	0.27	42.853	17.317
19/12/21	1:00:00	7.536	1.6795	AE	0	0	AE	0.0366	169.06	0.311	47.339	17.442
19/12/21	2:00:00	26.935	0.8001	AE	0	0	AE	0.0319	105.13	0.313	54.129	17.352
19/12/21	3:00:00	18.011	0.9708	AE	0	0	AE	0.0174	121.04	0.27	54.739	17.079
19/12/21	4:00:00	21.61	0.7464	AE	0	0	AE	0.0201	98.086	0.597	59.198	16.097
19/12/21	5:00:00	20.547	0.7671	AE	0	0	AE	0.0145	81.878	0.389	61.52	15.594
19/12/21	6:00:00	18.125	0.7572	AE	0	0	AE	0.0159	95.308	0.358	60.399	15.534
19/12/21	7:00:00	29.136	0.6966	AE	0	0	AE	0.0135	109.16	0.303	100	15.763
19/12/21	8:00:00	13.471	0.975	AE	0	0	AE	0.0153	242.17	0.271	100	14.958
19/12/21	9:00:00	7.547	1.1963	AE	0	0	AE	0.0177	217.16	0.292	61.901	15.114
19/12/21	10:00:00	11.685	1.0632	AE	0	0	AE	0.0239	230.31	0.273	62.302	15.441
19/12/21	11:00:00	21.923	0.9646	AE	0	0	AE	0.0259	103.58	0.468	58.318	16.363
19/12/21	12:00:00	30.041	0.7873	AE	0	0	AE	0.0176	118.46	0.47	58.641	16.793
19/12/21	13:00:00	30.599	0.7621	AE	0	0	AE	0.0118	123.06	0.426	61.185	17
19/12/21	14:00:00	29.168	0.8493	AE	0	0	AE	0.0161	178.26	0.273	66.615	16.739
19/12/21	15:00:00	27.029	0.7792	AE	0	0	AE	0.0152	169.58	0.488	67.457	16.628
19/12/21	16:00:00	23.089	0.7867	AE	0	0	AE	0.0116	140.84	0.531	71.576	16.057
19/12/21	17:00:00	19.757	0.9357	AE	0	0	AE	0.0119	111.24	0.527	82.172	15.137
19/12/21	18:00:00	11.991	1.1072	AE	0	0	AE	0.0207	125.79	0.294	79.954	15.385
19/12/21	19:00:00	4.399	1.4265	AE	0	0	AE	0.0254	167.86	0.27	78.399	15.494
19/12/21	20:00:00	1.06	1.6568	AE	0	0	AE	0.0273	116.62	0.273	80.509	15.177
19/12/21	21:00:00	0.734	1.6959	AE	0	0	AE	0.0333	120.49	0.273	79.756	15.241
19/12/21	22:00:00	0.378	1.8257	AE	0	0	AE	0.0479	138.85	0.272	82.876	14.891
19/12/21	23:00:00	3.803	1.0777	AE	0	0	AE	0.0367	225.52	0.276	74.007	15.204

PROMEDIO 24 HORAS	30.599	1.114	#DIV/0!	0	0	#DIV/0!	0.022
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	20/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitócora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
20/12/21	0:00:00	7.834	0.8785	AE	0	0	AE	0.0191	171.68	0.27	72.76	14.937
20/12/21	1:00:00	0.452	1.3705	AE	0	0	AE	0.013	190.02	0.271	83.775	14.174
20/12/21	2:00:00	7.018	0.6576	AE	0	0	AE	0.0267	214.62	0.472	75.538	13.929
20/12/21	3:00:00	13.983	0.5712	AE	0	0	AE	0.0126	228.45	0.357	75.592	13.415
20/12/21	4:00:00	8.091	0.7122	AE	0	0	AE	0.0103	213.31	0.27	80.087	12.677
20/12/21	5:00:00	5.774	0.6698	AE	0	0	AE	0.0125	244.32	0.27	83.935	11.656
20/12/21	6:00:00	0.981	0.7816	AE	0	0	AE	0.0119	120.5	0.539	94.696	9.849
20/12/21	7:00:00	1.161	0.7141	AE	0	0	AE	0.0174	265.02	0.37	100	8.315
20/12/21	8:00:00	2.025	0.8135	AE	0	0	AE	0.0122	231.56	0.301	100	7.865
20/12/21	9:00:00	3.234	1.1285	AE	0	0	AE	0.0105	78.482	0.287	DI	8.422
20/12/21	10:00:00	6.094	1.4626	AE	0	0	AE	0.0126	106.84	0.289	94.608	10.767
20/12/21	11:00:00	14.803	1.4573	AE	0	0	AE	0.0226	86.651	0.401	72.31	14.771
20/12/21	12:00:00	29.286	0.951	AE	0	0	AE	0.024	109.52	0.549	55.25	17.076
20/12/21	13:00:00	40.226	0.6012	AE	0	0	AE	0.0224	193.43	0.57	40.922	18.979
20/12/21	14:00:00	42.652	0.3533	AE	0	0	AE	0.0175	151.39	0.59	30.689	20.512
20/12/21	15:00:00	39.431	0.4674	AE	0	0	AE	0.0098	226.68	0.566	20.406	22.316
20/12/21	16:00:00	40.099	0.2328	AE	0	0	AE	0.0077	128.09	0.637	23.787	22.207
20/12/21	17:00:00	38.952	0.2183	AE	0	0	AE	0.0085	59.641	0.681	26.733	21.73
20/12/21	18:00:00	33.129	0.3234	AE	0	0	AE	0.0066	47.783	0.812	30.425	20.509
20/12/21	19:00:00	21.602	0.5732	AE	0	0	AE	0.0082	52.144	0.595	32.747	18.741
20/12/21	20:00:00	14.968	0.5585	AE	0	0	AE	0.0198	143.84	0.297	33.555	17.308
20/12/21	21:00:00	12.245	0.5317	AE	0	0	AE	0.0295	246.04	0.271	29.771	16.156
20/12/21	22:00:00	6.08	0.791	AE	0	0	AE	0.0152	257.09	0.271	31.54	15.248
20/12/21	23:00:00	8.758	0.4466	AE	0	0	AE	0.0138	243.91	0.272	33.376	13.726

PROMEDIO 24 HORAS	42.652	0.719	#DIV/0!	0	0	#DIV/0!	0.015
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	21/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
21/12/21	0:00:00	14.698	0.9865	AE	0	0	AE	0.013	260.05	0.271	34.976	13.067
21/12/21	1:00:00	13.081	1.0534	AE	0	0	AE	0.0088	254.52	0.275	39.543	12.024
21/12/21	2:00:00	12.312	1.1141	AE	0	0	AE	0.0069	246.64	0.292	41.117	11.27
21/12/21	3:00:00	19.164	0.9653	AE	0	0	AE	0.0072	242.67	0.326	41.955	10.499
21/12/21	4:00:00	21.19	1.2416	AE	0	0	AE	0.0057	266.24	0.368	44.387	9.586
21/12/21	5:00:00	20.636	1.4557	AE	0	0	AE	0.0062	257.71	0.392	47.429	8.847
21/12/21	6:00:00	10.627	1.6639	AE	0	0	AE	0.0081	95.621	0.397	51.854	7.879
21/12/21	7:00:00	1.437	1.8659	AE	0	0	AE	0.0265	161.26	0.354	100	6.607
21/12/21	8:00:00	3.691	1.9126	AE	0	0	AE	0.0641	245.22	0.308	100	7.292
21/12/21	9:00:00	10.125	2.0331	AE	0	0	AE	0.0189	110.9	0.273	46.027	9.536
21/12/21	10:00:00	8.355	2.527	AE	0	0	AE	0.0145	111.03	0.273	48.476	10.969
21/12/21	11:00:00	23.795	2.0178	AE	0	0	AE	0.0426	111.29	0.287	39.612	12.915
21/12/21	12:00:00	33.187	1.9307	AE	0	0	AE	0.0256	127.97	0.345	28.057	15.581
21/12/21	13:00:00	45.375	1.7416	AE	0	0	AE	0.0241	112.18	0.486	20.113	17.833
21/12/21	14:00:00	45.177	1.4281	AE	0	0	AE	0.0329	131.52	0.52	11.053	19.985
21/12/21	15:00:00	45.669	1.3709	AE	0	0	AE	0.0152	102.94	0.54	8.158	20.83
21/12/21	16:00:00	43.81	1.2707	AE	0	0	AE	0.0078	102.29	0.591	6.415	21.348
21/12/21	17:00:00	40.451	1.3194	AE	0	0	AE	0.0065	75.967	0.563	6.166	21.49
21/12/21	18:00:00	34.18	1.4511	AE	0	0	AE	0.0081	64.209	0.457	7.597	20.692
21/12/21	19:00:00	7.703	2.5813	AE	0	0	AE	0.0092	168.01	0.275	12.091	18.71
21/12/21	20:00:00	2.885	DI	AE	0	0	AE	0.0151	237.47	0.288	16.239	16.593
21/12/21	21:00:00	2.775	2.5052	AE	0	0	AE	0.0238	234.84	0.344	15.806	15
21/12/21	22:00:00	5.876	1.9827	AE	0	0	AE	0.0155	245.49	0.302	16.943	13.553
21/12/21	23:00:00	7.81	1.8793	AE	0	0	AE	0.0127	219.63	0.407	18.028	12.63

PROMEDIO 24 HORAS	45.669	1.665	#DIV/0!	0	0	#DIV/0!	0.017
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	22/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
22/12/21	0:00:00	13.765	0.8978	AE	0	0	AE	0.0136	253.26	0.391	19.368	11.865
22/12/21	1:00:00	14.234	0.8089	AE	0	0	AE	0.0084	269.33	0.313	20.59	10.936
22/12/21	2:00:00	13.87	0.9706	AE	0	0	AE	0.0054	197.22	0.279	22.839	10.296
22/12/21	3:00:00	2.236	1.7793	AE	0	0	AE	0.0092	204.43	0.27	33.887	9.444
22/12/21	4:00:00	7.552	0.8971	AE	0	0	AE	0.0294	232.5	0.28	26.404	9.028
22/12/21	5:00:00	17.124	0.727	AE	0	0	AE	0.0144	208.25	0.295	24.898	8.569
22/12/21	6:00:00	9.399	0.827	AE	0	0	AE	0.0094	188.07	0.278	36.395	7.301
22/12/21	7:00:00	5.042	0.9362	AE	0	0	AE	0.0115	224.93	0.271	100	7.633
22/12/21	8:00:00	2.307	1.6187	AE	0	0	AE	0.0149	153.25	0.277	100	7.172
22/12/21	9:00:00	4.138	2.023	AE	0	0	AE	0.028	135.87	0.27	33.925	9.84
22/12/21	10:00:00	11.203	2.4848	AE	0	0	AE	0.0543	99.47	0.27	29.116	12.645
22/12/21	11:00:00	17.931	1.6837	AE	0	0	AE	0.0785	105.42	0.271	24.105	14.938
22/12/21	12:00:00	30.248	0.9782	AE	0	0	AE	0.0734	96.18	0.278	15.331	18.016
22/12/21	13:00:00	41.419	0.7689	AE	0	0	AE	0.037	82.472	0.276	10.43	20.526
22/12/21	14:00:00	49.785	0.7139	AE	0	0	AE	0.0155	96.441	0.317	9.062	22.239
22/12/21	15:00:00	48.551	0.519	AE	0	0	AE	0.0154	97.145	0.465	7.318	23.407
22/12/21	16:00:00	46.894	0.414	AE	0	0	AE	0.0099	89.973	0.497	6.061	23.991
22/12/21	17:00:00	43.501	0.4365	AE	0	0	AE	0.0062	70.183	0.552	5.42	24.005
22/12/21	18:00:00	30.02	0.698	AE	0	0	AE	0.0033	67.152	0.399	5.438	23.264
22/12/21	19:00:00	12.521	1.1404	AE	0	0	AE	0.0053	117.77	0.59	14.983	20.495
22/12/21	20:00:00	4.108	1.5329	AE	0	0	AE	0.0115	148.06	0.357	19.181	18.419
22/12/21	21:00:00	2.061	1.9336	AE	0	0	AE	0.0221	257.14	0.27	20.031	16.784
22/12/21	22:00:00	2.596	1.4944	AE	0	0	AE	0.0249	207.95	0.273	17.09	15.778
22/12/21	23:00:00	1.815	1.5392	AE	0	0	AE	0.0207	251.83	0.271	20.127	14.304

PROMEDIO 24 HORAS	49.785	1.159	#DIV/0!	0	0	#DIV/0!	0.022
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	23/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
23/12/21	0:00:00	1.712	1.8014	AE	0	0	AE	0.017	246	0.272	23.398	13.256
23/12/21	1:00:00	5.529	1.2525	AE	0	0	AE	0.0187	231.07	0.272	23.39	12.557
23/12/21	2:00:00	7.861	1.1311	AE	0	0	AE	0.0148	235.92	0.339	24.807	11.777
23/12/21	3:00:00	20.596	0.9703	AE	0	0	AE	0.0127	217.35	0.3	25.492	11.41
23/12/21	4:00:00	21.588	0.9488	AE	0	0	AE	0.0085	227.54	0.277	28.579	10.69
23/12/21	5:00:00	15.794	1.0627	AE	0	0	AE	0.0078	196.31	0.303	35.009	9.705
23/12/21	6:00:00	15.944	1.032	AE	0	0	AE	0.0072	201.67	0.274	33.212	9.605
23/12/21	7:00:00	7.584	1.1855	AE	0	0	AE	0.0075	168.19	0.273	100	8.905
23/12/21	8:00:00	2.157	1.6665	AE	0	0	AE	0.0162	159.33	0.27	100	9.019
23/12/21	9:00:00	5.277	2.033	AE	0	0	AE	0.0386	137.24	0.27	33.546	12.391
23/12/21	10:00:00	7.462	2.8407	AE	0	0	AE	0.0483	149.48	0.27	31.342	14.219
23/12/21	11:00:00	12.289	2.3238	AE	0	0	AE	0.055	95.242	0.27	23.432	16.744
23/12/21	12:00:00	29.728	1.6035	AE	0	0	AE	0.0539	201.74	0.272	18.504	19.477
23/12/21	13:00:00	39.958	1.5143	AE	0	0	AE	0.0376	104.02	0.276	14.347	21.987
23/12/21	14:00:00	52.923	0.9012	AE	0	0	AE	0.0438	108.88	0.31	9.149	23.844
23/12/21	15:00:00	53.603	0.3604	AE	0	0	AE	0.0212	113.57	0.535	8.354	24.774
23/12/21	16:00:00	51.123	0.3898	AE	0	0	AE	0.0081	104.59	0.396	7.8	25.526
23/12/21	17:00:00	49.807	0.4921	AE	0	0	AE	0.0063	63.822	0.553	8.186	25.44
23/12/21	18:00:00	38.571	0.5862	AE	0	0	AE	0.0061	64.03	0.496	10.027	24.415
23/12/21	19:00:00	11.904	1.1547	AE	0	0	AE	0.0076	119.1	0.418	17.469	21.812
23/12/21	20:00:00	6.509	1.2972	AE	0	0	AE	0.0169	144.1	0.486	22.244	19.433
23/12/21	21:00:00	2.44	1.8995	AE	0	0	AE	0.0174	220.68	0.273	22.425	18.09
23/12/21	22:00:00	2.681	1.6969	AE	0	0	AE	0.0199	266.87	0.275	22.425	16.683
23/12/21	23:00:00	2.3	1.7178	AE	0	0	AE	0.0202	257.43	0.279	24.636	15.3

PROMEDIO 24 HORAS	53.603	1.328	#DIV/0!	0	0	#DIV/0!	0.021
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	24/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP
		O3	CO	NO	NO2	NOX	SO2	PM2.5				
24/12/21	0:00:00	5.058	1.1326	AE	0	0	AE	0.0129	249.41	0.274	24.441	14.373
24/12/21	1:00:00	3.403	1.255	AE	0	0	AE	0.0122	211.88	0.27	28.27	13.33
24/12/21	2:00:00	2.453	0.9755	AE	0	0	AE	0.0116	172.17	0.27	30.922	12.752
24/12/21	3:00:00	6.524	0.4701	AE	0	0	AE	0.015	260.22	0.275	31.024	12.058
24/12/21	4:00:00	12.47	0.5679	AE	0	0	AE	0.0117	193.73	0.271	34.183	11.485
24/12/21	5:00:00	12.529	0.7678	AE	0	0	AE	0.0097	188.42	0.271	32.512	10.879
24/12/21	6:00:00	17.757	0.6456	AE	0	0	AE	0.0118	185.69	0.273	33.99	10.605
24/12/21	7:00:00	2.305	1.1132	AE	0	0	AE	0.0108	171.62	0.272	100	9.31
24/12/21	8:00:00	1.779	1.9957	AE	0	0	AE	0.0187	209.29	0.27	100	9.977
24/12/21	9:00:00	4.265	1.7833	AE	0	0	AE	0.0319	171.02	0.27	29.715	13.317
24/12/21	10:00:00	14.72	1.336	AE	0	0	AE	0.0227	136.99	0.27	24.966	15.983
24/12/21	11:00:00	24.978	2.036	AE	0	0	AE	0.0324	116.01	0.271	23.014	18.251
24/12/21	12:00:00	31.592	1.3075	AE	0	0	AE	0.0647	119.69	0.273	15.645	21.316
24/12/21	13:00:00	43.582	1.0926	AE	0	0	AE	0.0467	91.18	0.271	13.379	23.98
24/12/21	14:00:00	61.826	0.749	AE	0	0	AE	0.0296	105.39	0.273	11.298	26.39
24/12/21	15:00:00	DI	0.6475	AE	0	0	AE	0.0165	91.687	0.499	11.837	27.24
24/12/21	16:00:00	56.93	0.4961	AE	0	0	AE	0.0162	84.906	0.544	11.913	27.894
24/12/21	17:00:00	44.774	0.4792	AE	0	0	AE	0.0054	59.804	0.527	12.272	27.805
24/12/21	18:00:00	31.523	0.7691	AE	0	0	AE	0.0048	70.009	0.365	12.972	26.894
24/12/21	19:00:00	4.655	1.8101	AE	0	0	AE	0.0077	120.52	0.302	17.134	24.242
24/12/21	20:00:00	3.28	1.75	AE	0	0	AE	0.0197	146.55	0.285	21.844	21.628
24/12/21	21:00:00	3.136	2.2188	AE	0	0	AE	0.0324	217.2	0.271	25.193	19.977
24/12/21	22:00:00	1.501	1.6963	AE	0	0	AE	0.0371	242.58	0.284	27.525	18.115
24/12/21	23:00:00	7.052	1.1023	AE	0	0	AE	0.0184	249.75	0.271	26.538	17.339

PROMEDIO 24 HORAS	61.826	1.175	#DIV/0!	0	0	#DIV/0!	0.021
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	25/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
25/12/21	0:00:00	12.109	0.9393	AE	0	0	AE	0.0151	263.73	0.271	28.109	16.387
25/12/21	1:00:00	12.083	0.9715	AE	0	0	AE	0.0228	259.21	0.27	30.765	15.321
25/12/21	2:00:00	15.192	0.8778	AE	0	0	AE	0.0199	258.01	0.27	32.053	14.69
25/12/21	3:00:00	19.248	0.8506	AE	0	0	AE	0.0173	235.42	0.273	32.018	14.517
25/12/21	4:00:00	21.926	0.7638	AE	0	0	AE	0.0113	219.4	0.27	33.646	13.984
25/12/21	5:00:00	17.05	0.8937	AE	0	0	AE	0.0099	208.99	0.27	37.568	13.224
25/12/21	6:00:00	17.663	0.8398	AE	0	0	AE	0.015	207.26	0.27	40.007	12.634
25/12/21	7:00:00	16.271	0.8705	AE	0	0	AE	0.0084	213.21	0.27	100	12.254
25/12/21	8:00:00	8.318	1.0954	AE	0	0	AE	0.0071	111.95	0.27	100	12.456
25/12/21	9:00:00	10.042	1.5312	AE	0	0	AE	0.0204	135.98	0.27	38.38	14.827
25/12/21	10:00:00	25.466	1.3818	AE	0	0	AE	0.0389	100.23	0.27	32.146	17.01
25/12/21	11:00:00	45.135	1.0238	AE	0	0	AE	0.0382	119.97	0.27	25.668	19.915
25/12/21	12:00:00	64.387	0.9326	AE	0	0	AE	0.0303	163.1	0.279	21.927	22.898
25/12/21	13:00:00	DI	0.689	AE	0	0	AE	0.0378	165.04	0.27	18.661	25.167
25/12/21	14:00:00	48.601	0.501	AE	0	0	AE	0.0344	103.76	0.476	15.991	26.693
25/12/21	15:00:00	44.824	0.4567	AE	0	0	AE	0.0052	100.06	0.63	14.758	27.59
25/12/21	16:00:00	30.774	0.4238	AE	0	0	AE	0.0046	68.812	0.847	13.402	27.815
25/12/21	17:00:00	27.918	0.4213	AE	0	0	AE	0.0031	89.467	0.818	13.58	27.463
25/12/21	18:00:00	25.665	0.5382	AE	0	0	AE	0.0022	88.745	0.77	15.981	26.304
25/12/21	19:00:00	18.201	0.819	AE	0	0	AE	0.0034	77.931	0.736	19.927	24.185
25/12/21	20:00:00	4.223	1.4668	AE	0	0	AE	0.0071	77.192	0.558	22.704	22.679
25/12/21	21:00:00	1.366	2.3149	AE	0	0	AE	0.0187	240.29	0.293	28.342	20.211
25/12/21	22:00:00	1.22	2.3331	AE	0	0	AE	0.0192	240.07	0.31	32.501	18.59
25/12/21	23:00:00	1.759	1.2517	AE	0	0	AE	0.0211	240.21	0.35	33.001	17.579

PROMEDIO 24 HORAS	64.387	1.008	#DIV/0!	0	0	#DIV/0!	0.017
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	26/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
26/12/21	0:00:00	3.379	1.532	AE	0	0	AE	0.0123	261.05	0.274	35.086	16.557
26/12/21	1:00:00	10.096	1.3126	AE	0	0	AE	0.011	230.33	0.287	34.48	16.377
26/12/21	2:00:00	11.726	1.3299	AE	0	0	AE	0.0103	257.52	0.276	37.407	15.106
26/12/21	3:00:00	12.414	1.3138	AE	0	0	AE	0.0077	251.49	0.271	38.982	14.425
26/12/21	4:00:00	14.476	1.2322	AE	0	0	AE	0.0054	242.33	0.27	40.467	13.869
26/12/21	5:00:00	16.257	1.2644	AE	0	0	AE	0.0062	233.43	0.271	39.607	13.529
26/12/21	6:00:00	17.273	1.1774	AE	0	0	AE	0.005	240.68	0.272	39.409	13.038
26/12/21	7:00:00	14.643	1.2862	AE	0	0	AE	0.0025	193.82	0.27	100	12.16
26/12/21	8:00:00	4.209	1.5894	AE	0	0	AE	0.0054	228.43	0.284	100	12.149
26/12/21	9:00:00	17.454	1.2871	AE	0	0	AE	0.015	224.61	0.294	29.966	14.602
26/12/21	10:00:00	22.268	1.3611	AE	0	0	AE	0.0041	108.78	0.27	27.48	17.648
26/12/21	11:00:00	28.48	1.4489	AE	0	0	AE	0.007	136.24	0.27	25.805	19.896
26/12/21	12:00:00	39.034	1.5643	AE	0	0	AE	0.0184	101.35	0.271	18.373	22.328
26/12/21	13:00:00	53.972	1.2172	AE	0	0	AE	0.0257	80.937	0.275	10.972	24.701
26/12/21	14:00:00	49.143	1.0505	AE	0	0	AE	0.0134	111.69	0.505	9.185	26.588
26/12/21	15:00:00	49.797	1.0041	AE	0	0	AE	0.0074	106.36	0.581	9.947	27.496
26/12/21	16:00:00	45.84	0.948	AE	0	0	AE	0.0035	99.132	0.631	9.182	28.102
26/12/21	17:00:00	34.848	0.9018	AE	0	0	AE	0.0024	68.573	0.716	9.114	27.534
26/12/21	18:00:00	28.085	1.0718	AE	0	0	AE	0.0022	82.426	0.752	10.415	26.226
26/12/21	19:00:00	24.577	1.3356	AE	0	0	AE	0.0057	115.3	0.523	15.524	23.698
26/12/21	20:00:00	18.077	1.5439	AE	0	0	AE	0.008	143.8	0.275	20.458	21.531
26/12/21	21:00:00	14.254	1.6606	AE	0	0	AE	0.0084	144.76	0.27	22.02	20.351
26/12/21	22:00:00	2.825	2.2311	AE	0	0	AE	0.0137	229.92	0.27	25.968	18.498
26/12/21	23:00:00	4.035	1.6989	AE	0	0	AE	0.0186	247.45	0.286	25.092	17.184

PROMEDIO 24 HORAS	53.972	1.348	#DIV/0!	0	0	#DIV/0!	0.009
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	27/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
27/12/21	0:00:00	6.614	1.4054	AE	0	0	AE	0.0106	253.63	0.27	26.406	16.11
27/12/21	1:00:00	7.625	1.1464	AE	0	0	AE	0.0106	261.78	0.27	26.765	15.104
27/12/21	2:00:00	6.745	1.1515	AE	0	0	AE	0.0077	197.17	0.27	26.78	14.286
27/12/21	3:00:00	9.051	1.0749	AE	0	0	AE	0.0064	185.35	0.27	28.416	13.163
27/12/21	4:00:00	10.631	1.1332	AE	0	0	AE	0.0056	234.91	0.271	25.046	13.18
27/12/21	5:00:00	20.139	0.9287	AE	0	0	AE	0.0026	217.78	0.27	22.304	12.98
27/12/21	6:00:00	12.231	1.1013	AE	0	0	AE	0.0015	181.52	0.27	30.032	11.664
27/12/21	7:00:00	4.477	1.2019	AE	0	0	AE	0.0025	128.57	0.272	100	10.518
27/12/21	8:00:00	1.78	1.8388	AE	0	0	AE	0.0056	178.36	0.27	100	10.57
27/12/21	9:00:00	2.908	2.5508	AE	0	0	AE	0.0233	63.242	0.27	31.866	13.717
27/12/21	10:00:00	4.899	2.5441	AE	0	0	AE	0.0389	64.126	0.273	24.216	15.973
27/12/21	11:00:00	11.042	1.9682	AE	0	0	AE	0.0541	103.46	0.271	18.26	18.876
27/12/21	12:00:00	30.482	1.6519	AE	0	0	AE	0.0461	118.92	0.283	15.903	21.624
27/12/21	13:00:00	44.822	1.4411	AE	0	0	AE	0.0449	122.34	0.272	13.721	24.681
27/12/21	14:00:00	54.455	0.9781	AE	0	0	AE	0.0289	130.12	0.292	11.359	26.934
27/12/21	15:00:00	41.002	0.7664	AE	0	0	AE	0.0132	241.29	0.552	9.239	27.827
27/12/21	16:00:00	38.228	0.7581	AE	0	0	AE	0	266.92	0.628	9.215	28.221
27/12/21	17:00:00	38.427	0.7209	AE	0	0	AE	0.003	211.46	0.55	9.113	28.076
27/12/21	18:00:00	32.056	0.9364	AE	0	0	AE	0.0043	285.17	0.439	9.718	27.486
27/12/21	19:00:00	5.27	2.3666	AE	0	0	AE	0.0057	198.54	0.335	14.146	24.346
27/12/21	20:00:00	2.326	2.6664	AE	0	0	AE	0.0146	224.34	0.44	15.096	22.727
27/12/21	21:00:00	3.585	2.6774	AE	0	0	AE	0.0189	165.22	0.36	16.911	21.325
27/12/21	22:00:00	1.963	2.5765	AE	0	0	AE	0.0199	169.05	0.345	19.087	19.75
27/12/21	23:00:00	7.358	1.5151	AE	0	0	AE	0.0174	239.13	0.331	17.131	20.218

PROMEDIO 24 HORAS	54.455	1.546	#DIV/0!	0	0	#DIV/0!	0.016
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	28/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS				
									WD	WS	HR	TEMP	
28/12/21	0:00:00	21.946	1.3064	AE	0	0	AE	0.0108	198.98	0.365	18.77	19.874	
28/12/21	1:00:00	34.628	1.1746	AE	0	0	AE	0.0087	218.13	0.427	24.206	19.612	
28/12/21	2:00:00	32.614	1.1577	AE	0	0	AE	0.0062	260.7	0.525	27.77	18.515	
28/12/21	3:00:00	21.968	1.2617	AE	0	0	AE	0.0061	220.74	0.46	31.302	16.773	
28/12/21	4:00:00	5.57	1.3554	AE	0	0	AE	0.0124	130.89	0.36	33.177	15.427	
28/12/21	5:00:00	27.608	1.1559	AE	0	0	AE	0.019	178.62	0.591	30.026	16.7	
28/12/21	6:00:00	16.279	1.2989	AE	0	0	AE	0.0063	128.54	0.337	32.978	15.271	
28/12/21	7:00:00	13.874	1.286	AE	0	0	AE	0.0083	213.17	0.358	100	14.651	
28/12/21	8:00:00	27.903	1.2296	AE	0	0	AE	0.0131	253.1	0.73	100	15.087	
28/12/21	9:00:00	26.772	1.315	AE	0	0	AE	0.0115	224.54	0.779	38.925	16.16	
28/12/21	10:00:00	22.124	1.5128	AE	0	0	AE	0.0109	200.67	0.744	32.143	18.046	
28/12/21	11:00:00	34.972	1.1146	AE	0	0	AE	0.0142	217.13	0.966	24.989	20.28	
28/12/21	12:00:00	39.025	1.0643	AE	0	0	AE	0.0098	216.06	0.964	19.159	22.357	
28/12/21	13:00:00	38.546	0.9973	AE	0	0	AE	0.0079	219.55	1.029	13.508	24.286	
28/12/21	14:00:00	37.508	0.9645	AE	0	0	AE	0.0065	231.45	1.109	11.794	25.169	
28/12/21	15:00:00	38.494	0.9797	AE	0	0	AE	0.0054	228.9	1.085	11.232	25.785	
28/12/21	16:00:00	39.001	0.9522	AE	0	0	AE	0.0062	232.05	0.995	11.084	25.962	
28/12/21	17:00:00	40.877	0.9312	AE	0	0	AE	0.0068	228.24	1.043	10.575	25.647	
28/12/21	18:00:00	39.565	0.9843	AE	0	0	AE	0.0062	234.59	0.859	12.196	24.582	
28/12/21	19:00:00	28.57	1.3482	AE	0	0	AE	0.0068	232.47	0.469	16.084	23.115	
28/12/21	20:00:00	26.1	1.1676	AE	0	0	AE	0.0096	217.44	0.708	14.887	22.061	
28/12/21	21:00:00	28.033	1.1095	AE	0	0	AE	0.0083	213.45	0.806	14.154	20.849	
28/12/21	22:00:00	28.466	1.1056	AE	0	0	AE	0.0073	222.06	0.724	16.916	19.718	
28/12/21	23:00:00	28.975	1.0154	AE	0	0	AE	0.0073	222.54	0.693	21.43	18.562	

PROMEDIO 24 HORAS	40.877	1.158	#DIV/0!	0	0	#DIV/0!	0.009
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	29/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
29/12/21	0:00:00	26.972	1.0655	AE	0	0	AE	0.0066	203.12	0.445	25.116	17.775
29/12/21	1:00:00	31.966	1.0193	AE	0	0	AE	0.0084	204.02	0.361	27.262	17.023
29/12/21	2:00:00	33.574	0.93	AE	0	0	AE	0.0064	204.34	0.3	32.291	15.959
29/12/21	3:00:00	35.44	0.8553	AE	0	0	AE	0.0078	219.16	0.277	33.345	15.766
29/12/21	4:00:00	35.731	0.7515	AE	0	0	AE	0.0112	227.34	0.289	47.981	15.162
29/12/21	5:00:00	32.441	0.8607	AE	0	0	AE	0.0143	255.59	0.285	58.331	14.444
29/12/21	6:00:00	28.399	1.0049	AE	0	0	AE	0.0158	218.31	0.27	61.895	13.768
29/12/21	7:00:00	10.286	1.1573	AE	0	0	AE	0.0127	174.2	0.27	100	12.871
29/12/21	8:00:00	18.267	0.7486	AE	0	0	AE	0.0208	263.57	0.33	100	13.402
29/12/21	9:00:00	27.099	0.6364	AE	0	0	AE	0.0176	258.52	0.55	67.428	14.934
29/12/21	10:00:00	35.258	0.5869	AE	0	0	AE	0.0145	211.37	0.889	57.467	16.504
29/12/21	11:00:00	41.313	0.546	AE	0	0	AE	0.0149	216.9	0.915	47.703	18.384
29/12/21	12:00:00	44.042	0.4744	AE	0	0	AE	0.0167	222.8	0.938	38.586	20.383
29/12/21	13:00:00	46.157	0.4854	AE	0	0	AE	0.0107	223.16	1.101	31.975	21.714
29/12/21	14:00:00	46.453	0.4877	AE	0	0	AE	0.0099	233.95	0.973	28.204	22.97
29/12/21	15:00:00	45.361	0.5101	AE	0	0	AE	0.0093	217.55	0.909	25.323	24.039
29/12/21	16:00:00	45.413	0.5771	AE	0	0	AE	0.0091	232.36	0.877	23.257	24.512
29/12/21	17:00:00	46.519	0.7858	AE	0	0	AE	0.0121	248.74	0.82	19.631	24.481
29/12/21	18:00:00	43.485	0.8557	AE	0	0	AE	0.0097	252.88	0.619	19.005	23.725
29/12/21	19:00:00	30.879	1.0647	AE	0	0	AE	0.011	261.43	0.535	20.639	22.039
29/12/21	20:00:00	20.399	1.1596	AE	0	0	AE	0.0126	244.18	0.413	23.014	20.589
29/12/21	21:00:00	4.323	1.4313	AE	0	0	AE	0.0166	248.45	0.343	27.268	19.029
29/12/21	22:00:00	14.999	0.9126	AE	0	0	AE	0.0148	250.41	0.319	28.66	18.411
29/12/21	23:00:00	18.464	0.9511	AE	0	0	AE	0.0169	243.38	0.271	31.651	17.171

PROMEDIO 24 HORAS	46.519	0.827	#DIV/0!	0	0	#DIV/0!	0.013
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	30/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
30/12/21	0:00:00	19.738	1.4686	AE	0	0	AE	0.0128	255.67	0.275	32.793	16.574
30/12/21	1:00:00	28.86	1.2981	AE	0	0	AE	0.0109	278.6	0.303	33.652	16.309
30/12/21	2:00:00	32.493	1.3152	AE	0	0	AE	0.01	204.89	0.364	33.724	16.424
30/12/21	3:00:00	34.14	1.4402	AE	0	0	AE	0.011	216.15	0.276	35.352	15.604
30/12/21	4:00:00	3.167	1.6977	AE	0	0	AE	0.0115	65.192	0.27	43.077	13.838
30/12/21	5:00:00	1.015	1.6759	AE	0	0	AE	0.0226	158.89	0.27	47.125	12.822
30/12/21	6:00:00	0.613	1.7761	AE	0	0	AE	0.0233	196.95	0.27	48.933	12.446
30/12/21	7:00:00	2.96	1.6352	AE	0	0	AE	0.0227	273.09	0.27	100	12.082
30/12/21	8:00:00	2.66	1.8716	AE	0	0	AE	0.0151	236.12	0.27	100	12.178
30/12/21	9:00:00	3.246	2.8181	AE	0	0	AE	0.0145	126.53	0.272	44.264	14.039
30/12/21	10:00:00	8.128	2.7442	AE	0	0	AE	0.035	86.223	0.271	38.105	15.712
30/12/21	11:00:00	22.084	2.2356	AE	0	0	AE	0.0423	125.51	0.279	33.583	17.683
30/12/21	12:00:00	42.514	1.8146	AE	0	0	AE	0.0384	125.16	0.366	28.815	20.129
30/12/21	13:00:00	53.963	1.4965	AE	0	0	AE	0.0424	140.97	0.492	25.301	22.006
30/12/21	14:00:00	59.263	1.3312	AE	0	0	AE	0.0227	104.4	0.606	22.424	23.523
30/12/21	15:00:00	60.21	1.147	AE	0	0	AE	0.0166	91.42	0.557	19.356	24.668
30/12/21	16:00:00	58.79	1.2447	AE	0	0	AE	0.0067	92.855	0.675	17.478	25.257
30/12/21	17:00:00	58.038	1.5597	AE	0	0	AE	0.0092	89.005	0.751	17.164	25.321
30/12/21	18:00:00	51.645	1.5408	AE	0	0	AE	0.0156	117	0.628	17.427	24.833
30/12/21	19:00:00	31.09	1.6576	AE	0	0	AE	0.0102	107.5	0.538	24.383	22.913
30/12/21	20:00:00	27.343	1.6782	AE	0	0	AE	0.0198	120.78	0.493	29.851	21.07
30/12/21	21:00:00	22.354	1.8461	AE	0	0	AE	0.0223	135.04	0.37	31.565	19.975
30/12/21	22:00:00	8.392	2.2979	AE	0	0	AE	0.021	206.67	0.27	31.487	18.91
30/12/21	23:00:00	11.098	2.0555	AE	0	0	AE	0.0192	245.2	0.276	31.657	17.76

PROMEDIO 24 HORAS	60.21	1.735	#DIV/0!	0	0	#DIV/0!	0.02
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	31/12/21

STATUS	
Clave	Significado
CAL	Calibración
MAN	Mantenimiento
AE	Alarma de Equipo
DI	Dato Inválido
BIT	Bitácora
0	Sin presencia
NAN	No Aplica Norma

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM2.5	DATOS METEOROLÓGICOS			
									WD	WS	HR	TEMP
31/12/21	0:00:00	26.993	1.0973	AE	0	0	AE	0.0155	223.33	0.27	30.344	17.095
31/12/21	1:00:00	10.658	1.2635	AE	0	0	AE	0.0153	181.5	0.27	37.942	15.831
31/12/21	2:00:00	27.165	0.9789	AE	0	0	AE	0.0175	231.48	0.275	36.854	15.549
31/12/21	3:00:00	37.27	0.8771	AE	0	0	AE	0.0164	237.16	0.297	35.77	15.23
31/12/21	4:00:00	28.735	1.1259	AE	0	0	AE	0.022	160.95	0.27	42.172	13.999
31/12/21	5:00:00	25.773	1.0955	AE	0	0	AE	0.0379	202	0.272	41.269	13.796
31/12/21	6:00:00	22.835	1.2028	AE	0	0	AE	0.0174	156.43	0.274	45.509	13.205
31/12/21	7:00:00	0.419	1.6882	AE	0	0	AE	0.0248	87.599	0.27	100	11.975
31/12/21	8:00:00	0	1.9869	AE	0	0	AE	0.0473	131.93	0.27	100	12.104
31/12/21	9:00:00	1.723	2.3953	AE	0	0	AE	0.0738	117.1	0.27	43.893	14.418
31/12/21	10:00:00	11.052	1.974	AE	0	0	AE	0.0706	94.763	0.27	39.511	16.017
31/12/21	11:00:00	33.61	1.3033	AE	0	0	AE	0.0554	88.94	0.484	34.598	18.767
31/12/21	12:00:00	48.171	1.1092	AE	0	0	AE	0.0353	126.68	0.456	31.53	21.508
31/12/21	13:00:00	48.772	0.87	AE	0	0	AE	0.0242	222.74	1.06	25.797	23.422
31/12/21	14:00:00	40.787	0.7331	AE	0	0	AE	0.0123	219.47	1.212	14.928	24.615
31/12/21	15:00:00	39.835	0.7359	AE	0	0	AE	0.0083	219.22	1.174	11.885	25.377
31/12/21	16:00:00	43.045	0.7206	AE	0	0	AE	0.005	209.95	1.176	13.013	25.647
31/12/21	17:00:00	44.962	0.8361	AE	0	0	AE	0.0041	208.25	1.092	17.09	25.476
31/12/21	18:00:00	42.584	0.9309	AE	0	0	AE	0.0057	224.74	0.834	17.496	24.912
31/12/21	19:00:00	34.55	1.0907	AE	0	0	AE	0.007	228.59	0.632	17.472	23.331
31/12/21	20:00:00	30.748	1.0265	AE	0	0	AE	0.0101	224.27	0.564	19.331	21.937
31/12/21	21:00:00	30.922	1.0164	AE	0	0	AE	0.0099	221.76	0.624	20.576	20.68
31/12/21	22:00:00	33.476	1.0526	AE	0	0	AE	0.0099	215.94	0.703	22.132	19.724
31/12/21	23:00:00	43.104	1.0081	AE	0	0	AE	0.0119	221.6	0.879	25.207	18.997

PROMEDIO 24 HORAS	48.772	1.172	#DIV/0!	0	0	#DIV/0!	0.023
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110	0.045

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM2.5	NOM-025-SSA1-2014 (DOF, 2014)	45 µg/m³