

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	01/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
01/12/2019	00:00:00	5.061	0.7895	0.004319	0.0252	0.0295	0.4307	218.380	0.406	38.376	19.316
01/12/2019	01:00:00	3.536	0.7690	0.00599	0.0254	0.0314	0.5771	239.380	0.436	41.021	18.426
01/12/2019	02:00:00	6.651	0.5419	CAL	CAL	CAL	CAL	216.710	0.390	42.321	17.712
01/12/2019	03:00:00	CAL	1.0095	0.013745	0.0273	0.0410	0.5287	224.730	0.352	48.621	16.688
01/12/2019	04:00:00	2.933	0.6481	0.004284	0.0210	0.0253	0.6351	251.830	0.427	49.090	16.120
01/12/2019	05:00:00	6.406	0.4476	0.000523	0.0129	0.0134	0.3199	246.240	0.487	48.065	15.885
01/12/2019	06:00:00	7.520	0.3738	0.00016	0.0099	0.0101	0.2370	241.940	0.388	48.150	15.738
01/12/2019	07:00:00	3.603	0.7512	0.019015	0.0176	0.0366	0.2382	167.940	0.361	55.149	14.789
01/12/2019	08:00:00	0.534	1.5305	0.062025	0.0254	0.0875	2.8853	242.070	0.354	59.784	14.732
01/12/2019	09:00:00	4.268	0.6069	0.0136	0.0133	0.0269	4.1632	237.480	0.458	46.853	17.426
01/12/2019	10:00:00	7.539	0.7664	0.024425	0.0299	0.0543	1.8414	96.017	0.423	40.535	20.204
01/12/2019	11:00:00	13.068	0.7520	0.017355	0.0323	0.0496	2.7055	108.290	0.499	35.730	21.783
01/12/2019	12:00:00	18.428	0.3472	0.004112	0.0130	0.0171	1.7092	116.900	0.596	32.945	23.482
01/12/2019	13:00:00	20.011	0.2188	0.002865	0.0081	0.0109	1.7333	90.451	0.809	30.352	24.572
01/12/2019	14:00:00	17.192	0.1893	0.00121	0.0058	0.0070	0.4259	85.347	1.014	27.036	25.279
01/12/2019	15:00:00	17.503	0.2047	0.001228	0.0057	0.0069	0.2249	88.079	0.985	27.872	25.347
01/12/2019	16:00:00	17.870	0.2530	0.0012	0.0059	0.0071	0.2015	95.187	0.949	28.673	25.316
01/12/2019	17:00:00	17.248	0.2999	0.001282	0.0070	0.0083	0.2276	86.631	1.088	35.339	24.128
01/12/2019	18:00:00	14.568	0.3880	0.000825	0.0092	0.0100	0.5467	88.990	1.096	51.102	21.627
01/12/2019	19:00:00	13.124	0.4314	0.000556	0.0100	0.0106	0.5121	88.305	1.118	68.851	18.519
01/12/2019	20:00:00	11.458	0.4872	0.000396	0.0118	0.0122	0.3320	91.853	0.912	73.176	17.276
01/12/2019	21:00:00	9.981	0.5214	0.000656	0.0139	0.0146	0.2998	87.066	0.907	75.212	16.629
01/12/2019	22:00:00	8.038	0.4988	0.000721	0.0168	0.0175	0.3719	88.312	0.852	76.327	16.293
01/12/2019	23:00:00	10.552	0.4253	0.000221	0.0103	0.0106	0.2682	101.020	0.861	75.876	16.080

PROMEDIO 24 HORAS	10.308	0.552	0.008	0.016	0.023	0.93
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	02/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
02/12/2019	00:00:00	12.432	0.3162	0.0001	0.0075	0.0076	0.3425	123.950	0.716	76.424	15.647
02/12/2019	01:00:00	7.124	0.3874	0.0002	0.0147	0.0149	0.3426	232.350	0.425	80.984	14.918
02/12/2019	02:00:00	3.260	0.4500	0.0002	0.0189	0.0191	0.3632	188.570	0.380	85.167	14.032
02/12/2019	03:00:00	2.632	0.3709	0.0003	0.0199	0.0202	0.3921	177.600	0.445	87.113	13.554
02/12/2019	04:00:00	3.870	0.3375	0.0000	0.0149	0.0150	0.2709	238.860	0.349	89.868	12.956
02/12/2019	05:00:00	4.043	0.3148	0.0000	0.0146	0.0145	0.6265	241.880	0.450	87.582	13.455
02/12/2019	06:00:00	5.801	0.3434	0.0000	0.0156	0.0155	0.7752	134.910	0.466	82.912	14.164
02/12/2019	07:00:00	5.319	0.3929	0.0009	0.0197	0.0206	0.8495	104.870	0.576	77.855	14.698
02/12/2019	08:00:00	5.102	0.5207	0.0039	0.0218	0.0257	0.7065	93.077	0.651	73.901	15.068
02/12/2019	09:00:00	5.647	0.5622	0.0070	0.0196	0.0266	0.6659	98.352	0.726	72.365	15.359
02/12/2019	10:00:00	8.574	0.4357	0.0056	0.0138	0.0193	0.8768	102.620	0.703	69.043	16.105
02/12/2019	11:00:00	12.289	0.3255	0.0050	0.0101	0.0151	0.8450	84.791	0.730	63.324	17.170
02/12/2019	12:00:00	15.033	0.2944	0.0038	0.0090	0.0128	0.5621	91.323	0.713	57.891	18.391
02/12/2019	13:00:00	16.394	0.3168	0.0049	0.0109	0.0158	1.0288	101.170	0.755	52.182	19.870
02/12/2019	14:00:00	19.036	0.2755	0.0027	0.0106	0.0134	0.8176	92.337	0.652	48.741	20.929
02/12/2019	15:00:00	20.830	0.2887	0.0027	0.0118	0.0145	0.9517	78.594	0.691	47.591	21.712
02/12/2019	16:00:00	18.024	0.2119	0.0016	0.0082	0.0098	0.4903	64.852	0.782	50.895	21.502
02/12/2019	17:00:00	16.672	0.2263	0.0015	0.0084	0.0099	0.1929	110.570	0.779	51.715	21.220
02/12/2019	18:00:00	12.703	0.2743	0.0009	0.0091	0.0100	0.3280	163.650	0.845	57.338	19.510
02/12/2019	19:00:00	9.707	0.3685	0.0005	0.0130	0.0135	0.2413	194.600	0.577	64.759	17.750
02/12/2019	20:00:00	6.981	0.5531	0.0014	0.0179	0.0193	0.3068	284.000	0.530	69.927	16.641
02/12/2019	21:00:00	6.475	0.5260	0.0019	0.0182	0.0201	0.5085	292.770	0.501	73.534	15.732
02/12/2019	22:00:00	6.832	0.4787	0.0009	0.0170	0.0179	0.2499	293.730	0.500	75.799	14.721
02/12/2019	23:00:00	6.315	0.5006	0.0005	0.0177	0.0182	0.0000	290.140	0.460	78.069	13.912

PROMEDIO 24 HORAS	9.629	0.378	0.002	0.014	0.016	0.53
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	03/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
03/12/2019	00:00:00	5.769	0.4459	0.0001	0.0176	0.0177	0.0000	291.920	0.436	79.959	13.279
03/12/2019	01:00:00	4.155	0.4027	0.0005	0.0188	0.0193	0.2620	292.720	0.444	80.869	12.816
03/12/2019	02:00:00	6.346	0.2931	0.0000	0.0130	0.0130	0.0000	299.270	0.457	82.305	12.255
03/12/2019	03:00:00	7.667	0.2761	0.0000	0.0112	0.0109	0.0000	80.210	0.305	83.427	11.964
03/12/2019	04:00:00	5.923	0.3468	0.0000	0.0131	0.0131	0.0000	62.798	0.399	84.896	11.549
03/12/2019	05:00:00	2.210	0.4431	0.0029	0.0192	0.0221	0.0000	175.440	0.393	87.014	10.885
03/12/2019	06:00:00	0.299	0.4805	0.0058	0.0208	0.0266	0.0000	134.940	0.373	86.945	10.804
03/12/2019	07:00:00	0.398	0.8004	0.0326	0.0230	0.0556	0.2875	104.990	0.341	87.867	10.530
03/12/2019	08:00:00	1.085	1.4076	0.0617	0.0235	0.0851	1.4182	135.480	0.288	83.363	11.259
03/12/2019	09:00:00	2.108	1.3803	0.0606	0.0296	0.0902	2.0145	92.196	0.396	76.208	12.999
03/12/2019	10:00:00	2.965	1.8615	0.0835	0.0477	0.1311	3.3750	109.070	0.451	69.147	14.568
03/12/2019	11:00:00	6.916	1.4170	0.0512	0.0550	0.1062	4.1130	112.750	0.456	58.114	16.704
03/12/2019	12:00:00	13.979	1.2114	0.0290	0.0566	0.0856	3.8562	105.110	0.499	47.902	19.802
03/12/2019	13:00:00	22.201	0.9432	0.0150	0.0462	0.0612	3.5610	125.360	0.405	36.759	23.267
03/12/2019	14:00:00	26.839	0.2751	0.0028	0.0150	0.0179	1.6823	160.080	0.472	28.098	25.486
03/12/2019	15:00:00	23.038	0.1724	0.0012	0.0089	0.0101	0.4755	178.150	0.490	24.963	26.592
03/12/2019	16:00:00	19.665	0.1003	0.0014	0.0068	0.0082	0.0000	262.060	0.630	21.697	26.949
03/12/2019	17:00:00	18.752	0.1343	0.0018	0.0082	0.0101	0.0000	244.670	0.406	20.099	27.259
03/12/2019	18:00:00	15.949	0.3402	0.0013	0.0158	0.0171	0.0941	286.210	0.492	21.380	26.238
03/12/2019	19:00:00	4.517	1.4363	0.0319	0.0389	0.0708	0.4859	267.480	0.341	24.242	24.215
03/12/2019	20:00:00	0.518	2.7022	0.1066	0.0442	0.1508	2.9252	179.890	0.377	31.171	22.141
03/12/2019	21:00:00	0.301	2.3315	0.0981	0.0441	0.1422	3.2672	238.710	0.339	36.525	20.956
03/12/2019	22:00:00	0.781	1.1258	0.0360	0.0347	0.0707	1.4032	252.080	0.307	35.427	19.682
03/12/2019	23:00:00	0.855	1.0433	0.0300	0.0331	0.0631	1.0357	195.400	0.270	38.537	18.418

PROMEDIO 24 HORAS	8.052	0.890	0.027	0.027	0.054	1.26
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	04/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
04/12/2019	00:00:00	1.423	0.9593	0.0301	0.0290	0.0591	1.7216	240.230	0.331	42.304	17.360
04/12/2019	01:00:00	6.789	0.3567	0.0007	0.0175	0.0182	1.0335	213.100	0.403	41.237	16.540
04/12/2019	02:00:00	3.786	0.4651	0.0020	0.0238	0.0259	1.2734	171.770	0.318	44.460	15.671
04/12/2019	03:00:00	1.900	0.4597	0.0033	0.0232	0.0264	1.1230	271.940	0.270	47.630	14.831
04/12/2019	04:00:00	5.751	0.2872	0.0000	0.0150	0.0149	0.9035	256.030	0.270	48.134	14.330
04/12/2019	05:00:00	6.420	0.2562	0.0002	0.0131	0.0133	0.8154	278.210	0.270	51.520	13.764
04/12/2019	06:00:00	4.198	0.3609	0.0020	0.0182	0.0202	0.8072	230.740	0.270	54.241	12.972
04/12/2019	07:00:00	1.428	0.6178	0.0163	0.0233	0.0396	1.0930	267.720	0.353	56.042	12.259
04/12/2019	08:00:00	0.625	1.2951	0.0537	0.0274	0.0811	3.7641	250.200	0.345	55.826	12.961
04/12/2019	09:00:00	2.724	0.9920	0.0387	0.0257	0.0644	5.7644	240.130	0.283	47.123	15.529
04/12/2019	10:00:00	8.796	0.6287	0.0150	0.0213	0.0363	6.6733	137.100	0.316	40.284	17.719
04/12/2019	11:00:00	12.794	0.8249	0.0204	0.0377	0.0580	4.3852	102.450	0.446	41.241	18.712
04/12/2019	12:00:00	17.002	0.4088	0.0118	0.0284	0.0402	3.6160	71.122	0.667	39.103	20.364
04/12/2019	13:00:00	21.046	0.3027	0.0057	0.0180	0.0236	2.6400	87.971	0.719	34.447	22.254
04/12/2019	14:00:00	24.571	0.2421	0.0032	0.0137	0.0169	2.0033	116.660	0.608	30.549	23.583
04/12/2019	15:00:00	27.073	0.2925	0.0027	0.0148	0.0175	1.7427	150.870	0.541	26.966	24.734
04/12/2019	16:00:00	31.132	0.2534	0.0013	0.0141	0.0154	1.6824	109.410	0.511	25.400	24.986
04/12/2019	17:00:00	31.334	0.2431	0.0007	0.0122	0.0129	1.5265	142.180	0.669	27.032	24.745
04/12/2019	18:00:00	18.173	0.2769	0.0005	0.0122	0.0127	0.8206	67.954	0.894	35.796	22.713
04/12/2019	19:00:00	13.113	0.4622	0.0019	0.0185	0.0204	0.9905	102.750	0.815	42.656	20.385
04/12/2019	20:00:00	11.335	0.5419	0.0031	0.0211	0.0242	1.1823	119.430	0.745	48.509	19.011
04/12/2019	21:00:00	9.109	0.5096	0.0021	0.0228	0.0249	1.2750	134.200	0.640	53.115	18.026
04/12/2019	22:00:00	8.450	0.4737	0.0014	0.0205	0.0219	1.0449	139.140	0.645	55.862	17.287
04/12/2019	23:00:00	8.615	0.4314	0.0008	0.0201	0.0209	0.2145	132.990	0.608	56.912	16.657

PROMEDIO 24 HORAS	11.566	0.498	0.009	0.020	0.030	2.00
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF	95 PPB
CO	NOM-021-SSA1-1993 (DOF	11 PPM
NO2	NOM-023-SSA1-1993(DOF	210 PPB
SO2	NOM-022-SSA1-2010 (DOF	110 PPB
PM10	NOM-025-SSA1-2014 (DOF	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	05/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
05/12/2019	00:00:00	4.670	0.5272	0.0015	0.0260	0.0275	0.0879	184.540	0.343	60.149	15.949
05/12/2019	01:00:00	1.349	0.5897	0.0059	0.0314	0.0374	0.2117	168.560	0.341	60.788	15.573
05/12/2019	02:00:00	3.632	0.4424	0.0005	0.0215	0.0220	0.1103	273.370	0.493	66.148	14.079
05/12/2019	03:00:00	2.106	0.4662	0.0006	0.0248	0.0254	0.5106	288.810	0.373	69.795	13.088
05/12/2019	04:00:00	3.320	0.3633	0.0000	0.0213	0.0213	0.3129	277.720	0.377	70.894	12.797
05/12/2019	05:00:00	4.938	0.2878	0.0002	0.0156	0.0158	0.0853	209.690	0.315	70.208	12.535
05/12/2019	06:00:00	3.690	0.3149	0.0006	0.0167	0.0173	0.0000	294.850	0.283	70.717	12.053
05/12/2019	07:00:00	1.425	0.5443	0.0077	0.0227	0.0304	0.0220	206.870	0.315	70.890	11.826
05/12/2019	08:00:00	0.521	1.1710	0.0421	0.0250	0.0671	0.7046	256.740	0.308	68.512	12.146
05/12/2019	09:00:00	2.230	1.2917	0.0453	0.0280	0.0733	1.3623	82.532	0.391	61.765	13.815
05/12/2019	10:00:00	7.253	1.0198	0.0247	0.0300	0.0547	1.8627	217.110	0.379	59.289	15.054
05/12/2019	11:00:00	14.262	0.7217	0.0143	0.0298	0.0441	1.7367	116.620	0.364	52.471	17.111
05/12/2019	12:00:00	16.894	0.7107	0.0165	0.0384	0.0548	1.8718	89.696	0.386	44.422	19.451
05/12/2019	13:00:00	23.538	0.5974	0.0106	0.0335	0.0441	1.7907	130.190	0.394	34.197	22.228
05/12/2019	14:00:00	29.698	0.2723	0.0036	0.0173	0.0209	1.0051	110.340	0.443	23.938	24.094
05/12/2019	15:00:00	31.459	0.1402	0.0008	0.0098	0.0106	0.4965	118.140	0.635	19.988	24.767
05/12/2019	16:00:00	28.576	0.1260	0.0002	0.0075	0.0077	0.0046	106.270	0.544	16.467	25.469
05/12/2019	17:00:00	26.234	0.1427	0.0005	0.0082	0.0087	0.0000	98.381	0.499	15.757	25.443
05/12/2019	18:00:00	22.825	0.3067	0.0003	0.0147	0.0150	0.0000	58.780	0.612	21.621	24.561
05/12/2019	19:00:00	12.500	0.6607	0.0022	0.0348	0.0370	0.0805	79.977	0.623	27.753	22.629
05/12/2019	20:00:00	7.096	0.8094	0.0068	0.0350	0.0418	0.4798	128.500	0.602	36.679	20.993
05/12/2019	21:00:00	1.771	1.2560	0.0320	0.0444	0.0763	0.9211	169.390	0.309	40.627	19.704
05/12/2019	22:00:00	0.646	1.8189	0.0690	0.0433	0.1124	1.6001	236.160	0.270	43.665	18.441
05/12/2019	23:00:00	0.930	1.0835	0.0212	0.0384	0.0596	1.4059	249.430	0.359	43.309	17.230

PROMEDIO 24 HORAS	10.482	0.653	0.013	0.026	0.039	0.69
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	06/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
06/12/2019	00:00:00	6.614	0.5991	0.0019	0.0248	0.0267	0.4539	237.570	0.356	42.389	16.499
06/12/2019	01:00:00	7.096	0.5005	0.0018	0.0229	0.0247	0.6766	264.560	0.337	44.901	15.533
06/12/2019	02:00:00	8.483	0.4639	0.0003	0.0181	0.0184	0.5774	251.710	0.336	45.705	14.817
06/12/2019	03:00:00	10.348	0.3610	0.0000	0.0138	0.0136	0.3701	261.830	0.432	46.713	13.999
06/12/2019	04:00:00	11.856	0.2739	0.0000	0.0106	0.0103	0.3167	250.570	0.399	45.649	13.555
06/12/2019	05:00:00	11.059	0.3134	0.0000	0.0112	0.0112	0.2139	244.990	0.270	47.723	13.074
06/12/2019	06:00:00	9.297	0.3725	0.0001	0.0149	0.0150	0.2720	212.810	0.393	51.523	12.359
06/12/2019	07:00:00	5.444	0.5623	0.0059	0.0236	0.0295	1.0161	230.970	0.375	50.042	12.218
06/12/2019	08:00:00	1.787	1.1640	0.0399	0.0311	0.0711	1.3196	215.720	0.424	48.667	12.705
06/12/2019	09:00:00	4.556	0.9425	0.0277	0.0281	0.0558	1.1600	199.160	0.285	43.906	14.835
06/12/2019	10:00:00	6.016	1.7858	0.0572	0.0584	0.1156	2.7826	108.850	0.270	44.252	17.179
06/12/2019	11:00:00	11.862	1.5257	0.0412	0.0709	0.1121	3.8965	102.660	0.286	39.005	19.237
06/12/2019	12:00:00	16.984	0.8468	0.0204	0.0434	0.0638	4.5384	86.974	0.380	33.159	21.316
06/12/2019	13:00:00	23.628	0.2997	0.0042	0.0170	0.0212	2.2071	92.024	0.546	31.475	22.670
06/12/2019	14:00:00	23.461	0.1790	0.0018	0.0098	0.0117	1.0259	91.479	0.821	28.885	23.925
06/12/2019	15:00:00	21.797	0.2403	0.0020	0.0088	0.0109	0.2602	80.422	1.149	26.906	23.839
06/12/2019	16:00:00	21.818	0.3597	0.0025	0.0107	0.0132	0.9306	86.598	1.144	25.607	23.525
06/12/2019	17:00:00	20.582	0.4136	0.0025	0.0129	0.0154	1.2204	86.801	1.011	25.509	23.161
06/12/2019	18:00:00	17.091	0.3734	0.0016	0.0149	0.0166	0.5517	86.628	1.036	29.423	21.922
06/12/2019	19:00:00	12.745	0.5692	0.0020	0.0205	0.0225	0.6239	96.024	0.874	36.103	20.252
06/12/2019	20:00:00	11.028	0.5672	0.0019	0.0173	0.0192	0.8375	96.466	1.001	47.923	18.580
06/12/2019	21:00:00	10.862	0.5503	0.0014	0.0165	0.0179	0.5049	95.415	0.901	60.111	16.643
06/12/2019	22:00:00	10.287	0.7275	0.0015	0.0219	0.0234	1.1234	96.137	0.844	61.926	15.686
06/12/2019	23:00:00	10.705	0.5654	0.0005	0.0247	0.0252	0.9534	99.140	0.693	62.263	14.974

PROMEDIO 24 HORAS	12.309	0.607	0.009	0.023	0.032	1.16
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	07/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
07/12/2019	00:00:00	5.632	0.6621	0.0015	0.0335	0.0350	0.6754	88.114	0.694	63.697	14.354
07/12/2019	01:00:00	9.555	0.4972	0.0007	0.0235	0.0242	0.9603	99.742	0.640	66.507	13.895
07/12/2019	02:00:00	17.806	0.3487	0.0000	0.0083	0.0082	0.2754	124.780	0.601	72.575	13.445
07/12/2019	03:00:00	17.458	0.3607	0.0000	0.0088	0.0088	0.2354	113.000	0.529	74.247	13.267
07/12/2019	04:00:00	16.852	0.3838	0.0000	0.0107	0.0102	0.0980	87.861	0.429	73.687	13.177
07/12/2019	05:00:00	5.344	0.5225	0.0000	0.0248	0.0249	0.2891	212.280	0.326	77.684	11.928
07/12/2019	06:00:00	7.657	0.3931	0.0000	0.0145	0.0143	0.0169	271.510	0.399	78.624	10.926
07/12/2019	07:00:00	4.292	0.5264	0.0020	0.0220	0.0239	0.1180	277.970	0.392	80.748	10.685
07/12/2019	08:00:00	2.478	0.7926	0.0139	0.0277	0.0416	0.2555	165.900	0.368	80.538	10.679
07/12/2019	09:00:00	2.504	1.1250	0.0394	0.0326	0.0721	1.8762	258.510	0.452	79.410	11.470
07/12/2019	10:00:00	7.060	0.9770	0.0266	0.0323	0.0589	3.1325	163.590	0.487	68.229	13.844
07/12/2019	11:00:00	12.798	0.5893	0.0143	0.0244	0.0387	1.9958	99.385	0.685	53.476	16.503
07/12/2019	12:00:00	18.789	0.2433	0.0033	0.0100	0.0133	0.9463	92.422	0.712	48.583	17.950
07/12/2019	13:00:00	21.098	0.3166	0.0041	0.0134	0.0175	1.2443	88.358	0.805	48.573	19.135
07/12/2019	14:00:00	22.488	0.3508	0.0038	0.0139	0.0177	1.0022	91.627	0.655	43.197	20.812
07/12/2019	15:00:00	23.102	0.2969	0.0030	0.0136	0.0166	0.9889	95.154	0.380	37.121	22.043
07/12/2019	16:00:00	23.306	0.2451	0.0022	0.0117	0.0139	0.5778	133.110	0.270	30.688	23.075
07/12/2019	17:00:00	21.949	0.2135	0.0011	0.0088	0.0099	0.2721	122.580	0.270	25.470	23.628
07/12/2019	18:00:00	18.181	0.2555	0.0006	0.0110	0.0116	0.4041	77.672	0.534	38.225	22.091
07/12/2019	19:00:00	10.670	0.4727	0.0009	0.0181	0.0191	1.2450	96.831	0.682	48.279	19.754
07/12/2019	20:00:00	10.557	0.4825	0.0015	0.0177	0.0192	0.5290	116.830	0.691	52.819	18.155
07/12/2019	21:00:00	8.275	0.5287	0.0019	0.0208	0.0227	0.5637	124.280	0.599	54.080	17.126
07/12/2019	22:00:00	6.382	0.5402	0.0028	0.0234	0.0262	0.5518	148.140	0.484	56.039	16.294
07/12/2019	23:00:00	6.868	0.4796	0.0016	0.0185	0.0201	0.8613	136.520	0.637	64.997	15.427

PROMEDIO 24 HORAS	12.546	0.483	0.005	0.018	0.024	0.80
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	08/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
08/12/2019	00:00:00	6.616	0.4880	0.001359	0.0172	0.0185	0.9716	124.540	0.525	76.562	14.442
08/12/2019	01:00:00	1.790	0.6879	0.004836	0.0260	0.0308	1.1601	136.510	0.348	78.381	13.764
08/12/2019	02:00:00	0.309	0.9423	CAL	CAL	CAL	CAL	102.390	0.427	79.320	12.667
08/12/2019	03:00:00	CAL	0.5626	0.001853	0.0176	0.0194	1.3267	285.100	0.487	90.978	11.627
08/12/2019	04:00:00	4.224	0.4293	0.000272	0.0136	0.0139	0.8463	268.080	0.354	77.176	11.392
08/12/2019	05:00:00	3.576	0.5112	0.000512	0.0158	0.0163	0.8701	284.910	0.486	85.556	10.560
08/12/2019	06:00:00	3.645	0.4258	0.000339	0.0147	0.0150	0.8820	238.130	0.340	84.103	10.377
08/12/2019	07:00:00	2.758	0.4808	0.002029	0.0155	0.0175	0.8389	203.210	0.321	76.892	10.163
08/12/2019	08:00:00	1.385	0.8425	0.022542	0.0198	0.0423	1.1788	144.230	0.368	84.739	10.075
08/12/2019	09:00:00	2.285	0.8955	0.0301	0.0218	0.0518	1.5889	107.920	0.512	93.885	9.749
08/12/2019	10:00:00	4.491	0.7367	0.031461	0.0218	0.0532	2.1146	101.030	0.488	83.548	11.898
08/12/2019	11:00:00	7.358	0.6682	0.026336	0.0251	0.0514	3.0118	85.313	0.503	68.661	14.551
08/12/2019	12:00:00	11.050	0.4934	0.019369	0.0259	0.0452	4.3421	115.470	0.535	49.639	17.792
08/12/2019	13:00:00	14.503	0.4385	0.013079	0.0236	0.0367	4.5408	116.410	0.313	34.604	21.076
08/12/2019	14:00:00	18.949	0.3589	0.007156	0.0200	0.0272	2.7965	111.490	0.270	23.376	23.779
08/12/2019	15:00:00	21.147	0.1843	0.002347	0.0103	0.0126	1.4310	117.640	0.303	16.723	25.121
08/12/2019	16:00:00	20.974	0.1418	0.00085	0.0066	0.0075	1.1664	76.811	0.349	18.148	25.239
08/12/2019	17:00:00	19.290	0.1281	0.000263	0.0048	0.0051	1.0440	71.712	0.319	17.771	25.295
08/12/2019	18:00:00	16.020	0.2267	0.000456	0.0096	0.0100	0.8540	63.344	0.271	19.344	24.507
08/12/2019	19:00:00	4.319	0.7082	0.009112	0.0300	0.0392	1.0495	109.990	0.270	23.870	22.415
08/12/2019	20:00:00	0.776	1.0888	0.026578	0.0313	0.0579	1.6033	183.480	0.270	28.835	20.134
08/12/2019	21:00:00	0.531	1.9429	0.075195	0.0306	0.1058	2.4158	243.560	0.270	33.241	18.933
08/12/2019	22:00:00	0.562	1.2049	0.03131	0.0295	0.0608	2.2613	236.630	0.337	32.659	18.045
08/12/2019	23:00:00	2.710	0.6405	0.006548	0.0217	0.0282	1.0468	234.440	0.377	32.110	17.196

PROMEDIO 24 HORAS	7.359	0.634	0.014	0.020	0.033	1.71
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	09/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
09/12/2019	00:00:00	5.553	0.3455	0.001515	0.0170	0.0185	0.3457	243.900	0.270	32.197	16.536
09/12/2019	01:00:00	4.674	0.4377	0.005136	0.0190	0.0241	0.5179	184.260	0.270	37.256	15.316
09/12/2019	02:00:00	0.864	0.6962	0.017021	0.0236	0.0406	0.8387	248.470	0.270	43.265	14.325
09/12/2019	03:00:00	5.492	0.3265	0.001874	0.0167	0.0186	0.5583	183.700	0.270	42.453	13.705
09/12/2019	04:00:00	1.072	0.5083	0.01177	0.0242	0.0360	0.7337	226.330	0.270	45.549	13.157
09/12/2019	05:00:00	4.311	0.3899	0.008165	0.0172	0.0254	0.3371	190.080	0.270	47.795	12.700
09/12/2019	06:00:00	0.511	0.5794	0.016312	0.0218	0.0381	0.6395	148.270	0.270	56.074	11.445
09/12/2019	07:00:00	0.260	0.9042	0.053572	0.0230	0.0766	1.4631	163.360	0.270	58.263	11.073
09/12/2019	08:00:00	0.477	2.0223	0.13224	0.0261	0.1583	3.3071	166.070	0.270	57.493	11.337
09/12/2019	09:00:00	1.049	2.5356	0.1498	0.0408	0.1907	5.4808	130.880	0.270	45.851	14.628
09/12/2019	10:00:00	2.947	1.9445	0.11532	0.0682	0.1835	6.3250	114.000	0.270	38.624	16.387
09/12/2019	11:00:00	10.084	0.6259	0.019248	0.0262	0.0454	3.6763	110.450	0.270	29.690	19.681
09/12/2019	12:00:00	18.799	0.4808	0.009905	0.0265	0.0364	3.8927	84.566	0.270	25.642	22.033
09/12/2019	13:00:00	24.587	0.4342	0.007509	0.0265	0.0340	3.7046	94.515	0.270	22.089	24.287
09/12/2019	14:00:00	27.373	0.2529	0.003218	0.0152	0.0185	1.8524	164.460	0.435	18.406	26.261
09/12/2019	15:00:00	22.936	0.2356	0.004058	0.0126	0.0166	0.9852	231.820	0.892	14.549	27.351
09/12/2019	16:00:00	21.156	0.1734	0.00366	0.0109	0.0145	0.7556	231.990	1.044	13.143	27.284
09/12/2019	17:00:00	22.114	0.2757	0.003378	0.0129	0.0162	0.6480	228.630	0.946	14.918	26.758
09/12/2019	18:00:00	20.820	0.2928	0.002358	0.0153	0.0176	0.8860	236.530	0.947	17.060	25.577
09/12/2019	19:00:00	16.464	0.5340	0.003547	0.0229	0.0265	2.2042	245.850	0.843	19.310	23.815
09/12/2019	20:00:00	5.870	1.1109	0.017969	0.0445	0.0625	2.7065	229.020	0.416	23.493	22.435
09/12/2019	21:00:00	9.799	0.5584	0.004022	0.0274	0.0315	1.1224	184.360	0.360	25.443	21.211
09/12/2019	22:00:00	17.714	0.3027	0.001084	0.0144	0.0155	0.8234	216.030	0.627	28.077	20.464
09/12/2019	23:00:00	19.600	0.2700	0.000528	0.0103	0.0108	1.1737	216.040	0.698	30.591	19.312

PROMEDIO 24 HORAS	11.022	0.677	0.025	0.023	0.048	1.87
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	10/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
10/12/2019	00:00:00	20.394	0.4029	0.0000	0.0087	0.0087	1.1192	190.070	0.582	35.081	18.162
10/12/2019	01:00:00	21.730	0.2090	0.0000	0.0063	0.0061	1.2601	212.170	0.676	37.902	17.559
10/12/2019	02:00:00	22.309	0.2050	0.0000	0.0053	0.0050	1.1273	222.230	0.792	40.535	17.055
10/12/2019	03:00:00	22.276	0.1851	0.0000	0.0049	0.0045	1.2035	221.040	0.651	41.985	16.739
10/12/2019	04:00:00	23.062	0.2130	0.0000	0.0042	0.0037	1.1733	236.400	0.679	43.645	16.515
10/12/2019	05:00:00	23.180	0.1960	0.0000	0.0044	0.0040	1.0703	255.790	0.601	45.959	15.953
10/12/2019	06:00:00	23.183	0.2208	0.0000	0.0048	0.0043	1.2881	252.100	0.577	48.461	15.532
10/12/2019	07:00:00	22.253	0.3180	0.0001	0.0092	0.0094	1.9736	238.590	0.670	50.072	15.496
10/12/2019	08:00:00	18.928	0.4773	0.0032	0.0161	0.0193	1.4613	223.930	0.603	51.228	15.874
10/12/2019	09:00:00	18.159	0.5082	0.0052	0.0176	0.0228	1.5664	239.600	0.689	50.580	16.440
10/12/2019	10:00:00	19.469	0.4493	0.0061	0.0162	0.0223	1.7097	250.240	0.811	46.738	17.777
10/12/2019	11:00:00	22.219	0.3017	0.0030	0.0110	0.0141	1.4965	225.460	1.044	44.484	18.350
10/12/2019	12:00:00	23.836	0.2045	0.0021	0.0087	0.0108	1.2769	219.870	1.168	35.735	20.121
10/12/2019	13:00:00	23.965	0.2062	0.0021	0.0083	0.0104	1.2263	213.510	1.034	28.562	21.754
10/12/2019	14:00:00	22.782	0.1986	0.0024	0.0087	0.0111	1.2091	214.690	0.926	23.737	23.088
10/12/2019	15:00:00	21.705	0.2378	0.0030	0.0101	0.0131	1.1875	210.790	0.870	21.801	23.458
10/12/2019	16:00:00	20.633	0.2451	0.0031	0.0111	0.0141	1.0142	231.530	0.844	19.056	23.634
10/12/2019	17:00:00	17.956	0.3390	0.0046	0.0137	0.0183	1.2379	246.730	0.650	14.470	24.390
10/12/2019	18:00:00	14.368	0.5164	0.0069	0.0244	0.0313	1.4000	223.420	0.310	19.485	23.848
10/12/2019	19:00:00	2.702	1.4744	0.0312	0.0470	0.0782	2.7769	199.670	0.270	26.530	21.806
10/12/2019	20:00:00	6.014	0.9759	0.0075	0.0413	0.0488	2.2711	121.010	0.523	37.847	20.000
10/12/2019	21:00:00	12.148	0.5589	0.0011	0.0221	0.0232	1.6651	108.820	0.842	64.172	17.615
10/12/2019	22:00:00	14.339	0.4247	0.0005	0.0136	0.0141	1.2415	103.360	0.941	83.770	15.373
10/12/2019	23:00:00	14.246	0.3744	0.0003	0.0134	0.0136	0.4153	90.498	0.967	87.397	14.638

PROMEDIO 24 HORAS	18.827	0.393	0.003	0.014	0.017	1.39
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF	95 PPB
CO	NOM-021-SSA1-1993 (DOF	11 PPM
NO2	NOM-023-SSA1-1993(DOF	210 PPB
SO2	NOM-022-SSA1-2010 (DOF	110 PPB
PM10	NOM-025-SSA1-2014 (DOF	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	11/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
11/12/2019	00:00:00	14.174	0.5240	0.0000	0.0099	0.0100	0.0000	85.290	1.009	90.669	14.069
11/12/2019	01:00:00	14.020	0.4597	0.0000	0.0085	0.0083	0.0000	77.813	0.991	91.203	12.923
11/12/2019	02:00:00	15.323	0.4051	0.0000	0.0065	0.0061	0.0000	81.551	0.968	88.545	11.776
11/12/2019	03:00:00	16.203	0.4089	0.0000	0.0062	0.0059	0.0000	88.157	0.948	85.811	11.261
11/12/2019	04:00:00	16.548	0.3854	0.0000	0.0053	0.0051	0.0000	91.822	0.908	85.733	10.756
11/12/2019	05:00:00	15.897	0.3965	0.0000	0.0063	0.0061	0.0000	89.824	0.808	84.114	10.828
11/12/2019	06:00:00	15.618	0.3997	0.0000	0.0059	0.0055	0.0000	103.140	0.901	85.044	10.839
11/12/2019	07:00:00	15.883	0.4380	0.0000	0.0066	0.0065	0.0000	107.870	0.843	82.398	10.814
11/12/2019	08:00:00	11.378	0.5630	0.0007	0.0183	0.0190	0.0000	69.323	0.943	83.174	10.251
11/12/2019	09:00:00	12.068	0.6082	0.0021	0.0164	0.0185	0.0000	96.362	0.828	81.398	10.466
11/12/2019	10:00:00	10.922	0.6426	0.0033	0.0194	0.0227	0.0000	71.293	0.910	81.906	10.141
11/12/2019	11:00:00	12.164	0.6124	0.0039	0.0169	0.0208	0.3030	72.269	0.862	79.797	10.484
11/12/2019	12:00:00	13.092	0.5970	0.0048	0.0146	0.0193	0.2430	93.602	0.757	75.171	11.350
11/12/2019	13:00:00	16.145	0.5116	0.0038	0.0103	0.0141	0.1259	113.960	0.902	69.943	12.574
11/12/2019	14:00:00	18.032	0.5135	0.0039	0.0097	0.0135	0.1693	110.630	0.856	65.761	13.674
11/12/2019	15:00:00	19.049	0.5024	0.0032	0.0095	0.0126	0.0023	113.440	0.760	62.214	14.686
11/12/2019	16:00:00	18.677	0.4897	0.0038	0.0108	0.0146	0.1721	113.740	0.893	59.880	15.355
11/12/2019	17:00:00	17.879	0.4878	0.0030	0.0120	0.0150	0.1910	125.840	0.925	58.724	15.749
11/12/2019	18:00:00	14.840	0.5668	0.0025	0.0150	0.0175	0.1157	104.890	0.834	61.777	14.995
11/12/2019	19:00:00	6.970	0.8015	0.0032	0.0282	0.0314	0.3673	78.480	0.852	67.415	13.363
11/12/2019	20:00:00	6.293	0.7395	0.0028	0.0248	0.0276	0.0090	85.486	0.909	71.992	12.184
11/12/2019	21:00:00	10.341	0.6305	0.0014	0.0147	0.0161	0.0000	101.710	0.957	75.512	11.630
11/12/2019	22:00:00	13.388	0.5582	0.0008	0.0116	0.0124	0.0000	107.130	0.884	78.161	11.217
11/12/2019	23:00:00	13.526	0.5465	0.0004	0.0105	0.0109	0.0000	106.140	0.693	79.148	11.010

PROMEDIO 24 HORAS	14.101	0.533	0.002	0.012	0.014	0.07
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	12/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
12/12/2019	00:00:00	14.748	0.4976	0.0003	0.0073	0.0076	0.0000	116.290	0.714	81.207	10.682
12/12/2019	01:00:00	15.593	0.4725	0.0001	0.0065	0.0066	0.0000	130.520	0.597	82.579	10.448
12/12/2019	02:00:00	13.346	0.5091	0.0000	0.0084	0.0082	0.0000	156.040	0.387	83.817	10.195
12/12/2019	03:00:00	9.200	0.5579	0.0000	0.0125	0.0124	0.0000	274.590	0.310	83.018	10.225
12/12/2019	04:00:00	13.075	0.5036	0.0000	0.0072	0.0070	0.7211	240.330	0.421	83.922	10.187
12/12/2019	05:00:00	12.106	0.5015	0.0000	0.0078	0.0075	0.3625	202.140	0.332	84.409	10.143
12/12/2019	06:00:00	10.705	0.5105	0.0000	0.0091	0.0089	0.0507	235.070	0.366	84.602	10.117
12/12/2019	07:00:00	9.132	0.6089	0.0014	0.0118	0.0132	0.2074	229.560	0.325	85.939	9.732
12/12/2019	08:00:00	5.071	0.7512	0.0044	0.0190	0.0233	0.0000	136.860	0.403	89.210	9.200
12/12/2019	09:00:00	6.932	0.7809	0.0091	0.0169	0.0260	0.0000	137.640	0.487	85.534	9.942
12/12/2019	10:00:00	9.922	0.7370	0.0097	0.0157	0.0254	0.0000	104.870	0.546	79.228	11.200
12/12/2019	11:00:00	11.748	0.6568	0.0109	0.0175	0.0283	0.6838	83.747	0.524	71.334	12.905
12/12/2019	12:00:00	13.352	0.8173	0.0166	0.0277	0.0442	1.1928	117.510	0.476	60.931	15.522
12/12/2019	13:00:00	17.513	0.9363	0.0158	0.0345	0.0503	1.4416	90.306	0.483	50.544	18.368
12/12/2019	14:00:00	22.460	0.9657	0.0119	0.0360	0.0479	1.2346	78.155	0.605	40.212	21.129
12/12/2019	15:00:00	21.202	0.5255	0.0043	0.0147	0.0190	0.2683	197.200	0.561	26.216	24.082
12/12/2019	16:00:00	13.721	0.3761	0.0026	0.0077	0.0103	0.0000	262.430	0.836	21.490	24.375
12/12/2019	17:00:00	14.563	0.4224	0.0022	0.0092	0.0114	0.0000	255.990	0.720	21.427	23.937
12/12/2019	18:00:00	13.068	0.6594	0.0038	0.0162	0.0200	0.0000	252.610	0.504	22.044	23.398
12/12/2019	19:00:00	4.465	1.3029	0.0155	0.0382	0.0536	0.5827	166.390	0.282	27.764	21.730
12/12/2019	20:00:00	0.539	2.4144	0.0635	0.0458	0.1094	1.7452	261.950	0.271	37.197	20.118
12/12/2019	21:00:00	0.381	2.8663	0.0943	0.0453	0.1396	2.4500	217.230	0.279	42.005	18.805
12/12/2019	22:00:00	0.379	3.5812	0.1319	0.0413	0.1732	3.4065	246.400	0.298	44.996	17.434
12/12/2019	23:00:00	0.313	1.8651	0.0523	0.0366	0.0889	2.3655	216.400	0.319	45.576	16.498

PROMEDIO 24 HORAS	10.564	0.992	0.019	0.021	0.039	0.70
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	13/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
13/12/2019	00:00:00	0.504	1.5159	0.034961	0.0337	0.0687	1.3871	232.810	0.270	57.173	15.112
13/12/2019	01:00:00	0.922	1.3527	0.035615	0.0316	0.0672	0.9597	190.490	0.270	62.395	14.055
13/12/2019	02:00:00	0.247	1.4181	0.045977	0.0279	0.0739	1.6089	274.880	0.270	60.673	13.234
13/12/2019	03:00:00	0.512	0.9353	0.012678	0.0230	0.0356	1.0786	232.220	0.284	58.210	12.614
13/12/2019	04:00:00	0.480	0.8153	0.013045	0.0208	0.0338	0.7434	242.370	0.350	58.850	12.024
13/12/2019	05:00:00	0.763	0.7225	0.006011	0.0191	0.0252	0.5305	158.780	0.315	59.450	11.584
13/12/2019	06:00:00	0.080	1.1645	0.041665	0.0226	0.0643	0.9424	157.730	0.338	70.039	10.950
13/12/2019	07:00:00	0.000	1.7379	0.083676	0.0247	0.1084	1.9000	227.530	0.270	74.226	10.796
13/12/2019	08:00:00	0.223	2.9657	0.16687	0.0309	0.1978	3.7072	213.700	0.270	72.804	11.177
13/12/2019	09:00:00	0.821	2.3334	0.1108	0.0318	0.1426	4.2371	212.640	0.270	53.008	14.479
13/12/2019	10:00:00	4.339	1.2625	0.042205	0.0323	0.0745	4.7934	81.734	0.270	44.101	16.821
13/12/2019	11:00:00	10.303	0.5435	0.010072	0.0138	0.0239	2.7619	163.120	0.379	34.776	18.941
13/12/2019	12:00:00	14.367	0.3475	0.002978	0.0072	0.0102	0.5786	177.270	0.374	27.173	20.824
13/12/2019	13:00:00	16.651	0.3350	0.002902	0.0081	0.0110	0.4869	203.210	0.448	22.187	22.057
13/12/2019	14:00:00	19.662	0.2520	0.001322	0.0062	0.0075	0.9054	130.490	0.408	18.118	22.885
13/12/2019	15:00:00	20.977	0.2764	0.001208	0.0060	0.0072	0.7730	130.390	0.511	15.296	23.803
13/12/2019	16:00:00	19.409	0.3194	0.00233	0.0084	0.0107	0.4453	229.510	0.480	12.513	25.068
13/12/2019	17:00:00	19.341	0.3105	0.001657	0.0073	0.0089	0.0000	164.720	0.394	12.252	24.756
13/12/2019	18:00:00	16.596	0.4237	0.001006	0.0131	0.0141	0.0000	69.417	0.294	14.003	23.733
13/12/2019	19:00:00	3.034	1.6387	0.032878	0.0403	0.0732	1.0913	136.420	0.270	17.863	21.782
13/12/2019	20:00:00	0.809	4.1410	0.16466	0.0408	0.2054	4.3255	245.010	0.270	22.643	20.215
13/12/2019	21:00:00	0.595	2.5498	0.10955	0.0360	0.1455	5.0497	238.000	0.348	24.207	18.366
13/12/2019	22:00:00	0.609	1.4601	0.036991	0.0325	0.0695	1.6672	262.460	0.411	24.665	17.030
13/12/2019	23:00:00	0.708	1.3448	0.030975	0.0317	0.0627	1.2585	247.030	0.379	25.585	16.212

PROMEDIO 24 HORAS	6.331	1.257	0.041	0.023	0.064	1.72
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	14/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
14/12/2019	00:00:00	0.710	0.9746	0.0255	0.0312	0.0567	0.9603	241.980	0.393	26.963	15.391
14/12/2019	01:00:00	2.729	0.5428	0.0062	0.0234	0.0296	0.4689	256.630	0.473	28.309	14.205
14/12/2019	02:00:00	3.827	0.4897	0.0045	0.0224	0.0270	0.2062	248.950	0.416	28.519	13.613
14/12/2019	03:00:00	6.435	0.3363	0.0018	0.0166	0.0185	0.0764	218.160	0.431	29.146	12.980
14/12/2019	04:00:00	8.723	0.2896	0.0012	0.0133	0.0145	0.0819	241.140	0.414	31.872	12.175
14/12/2019	05:00:00	9.540	0.2123	0.0000	0.0109	0.0109	0.3795	267.940	0.486	33.610	11.330
14/12/2019	06:00:00	9.433	0.2339	0.0001	0.0110	0.0111	0.0932	236.750	0.462	35.654	10.885
14/12/2019	07:00:00	6.970	0.3840	0.0056	0.0181	0.0238	0.0875	199.370	0.428	41.012	10.212
14/12/2019	08:00:00	0.756	0.9360	0.0429	0.0288	0.0717	1.1509	200.490	0.274	44.413	10.029
14/12/2019	09:00:00	2.791	0.9051	0.0394	0.0277	0.0671	3.5105	241.040	0.336	35.443	12.877
14/12/2019	10:00:00	5.173	1.2873	0.0717	0.0502	0.1219	6.6201	105.210	0.352	30.261	15.663
14/12/2019	11:00:00	6.458	1.7843	0.0947	0.0801	0.1749	8.1578	118.280	0.339	28.350	17.201
14/12/2019	12:00:00	11.037	0.9707	0.0461	0.0634	0.1094	7.2881	113.150	0.512	26.082	19.589
14/12/2019	13:00:00	17.301	0.3328	0.0105	0.0216	0.0321	4.8553	92.179	0.646	19.283	22.104
14/12/2019	14:00:00	23.103	0.1692	0.0017	0.0085	0.0101	0.7435	122.680	0.506	15.678	23.753
14/12/2019	15:00:00	26.247	0.2181	0.0022	0.0113	0.0135	0.5734	141.560	0.394	14.335	25.316
14/12/2019	16:00:00	27.727	0.1955	0.0014	0.0110	0.0124	0.6928	107.640	0.436	13.795	25.582
14/12/2019	17:00:00	26.182	0.1831	0.0015	0.0115	0.0130	0.6964	117.950	0.375	13.350	25.589
14/12/2019	18:00:00	20.511	0.3778	0.0016	0.0192	0.0208	0.9712	116.940	0.270	13.575	24.932
14/12/2019	19:00:00	4.561	1.4465	0.0370	0.0478	0.0847	1.5752	170.020	0.270	18.145	22.095
14/12/2019	20:00:00	0.755	2.2099	0.0909	0.0498	0.1406	2.7699	198.660	0.271	21.499	20.396
14/12/2019	21:00:00	0.714	1.5089	0.0525	0.0422	0.0947	2.7824	243.050	0.398	23.067	18.925
14/12/2019	22:00:00	3.828	0.7090	0.0082	0.0302	0.0384	0.7497	253.920	0.443	23.227	17.582
14/12/2019	23:00:00	1.988	1.2557	0.0225	0.0359	0.0584	0.8148	245.910	0.285	25.426	16.525

PROMEDIO 24 HORAS	9.479	0.748	0.024	0.029	0.052	1.93
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	15/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

								DATOS METEOROLÓGICOS			
Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	WD	WS	HR	TEMP
15/12/2019	00:00:00	1.040	1.5399	0.059271	0.0364	0.0957	1.6165	162.240	0.321	31.335	15.091
15/12/2019	01:00:00	1.422	1.2801	0.040398	0.0342	0.0746	1.6941	235.480	0.340	32.636	14.406
15/12/2019	02:00:00	9.532	0.7659	CAL	CAL	CAL	CAL	214.220	0.315	29.853	14.886
15/12/2019	03:00:00	CAL	CAL	0.15094	0.0368	0.1877	3.8702	155.750	0.270	41.582	13.196
15/12/2019	04:00:00	0.369	2.2305	0.12727	0.0441	0.1714	4.4916	133.000	0.270	41.383	13.170
15/12/2019	05:00:00	12.948	0.4917	0.003106	0.0157	0.0188	2.1084	257.430	0.458	33.565	15.012
15/12/2019	06:00:00	7.250	0.8174	0.023886	0.0359	0.0598	1.9420	173.670	0.387	39.013	13.383
15/12/2019	07:00:00	0.873	0.8654	0.031875	0.0473	0.0791	6.4943	134.330	0.371	39.279	12.091
15/12/2019	08:00:00	1.075	1.0499	0.051156	0.0453	0.0965	5.6736	118.600	0.336	41.450	12.601
15/12/2019	09:00:00	3.465	1.0684	0.0466	0.0423	0.0890	4.4562	150.210	0.441	37.181	15.207
15/12/2019	10:00:00	10.170	0.6454	0.021274	0.0293	0.0506	4.6729	170.700	0.669	35.350	17.554
15/12/2019	11:00:00	19.024	0.2571	0.002477	0.0073	0.0098	1.0373	222.370	0.862	33.705	20.265
15/12/2019	12:00:00	21.639	0.1956	0.001155	0.0063	0.0075	0.2676	225.740	1.058	29.079	21.661
15/12/2019	13:00:00	22.385	0.2166	0.001328	0.0066	0.0079	0.2643	236.070	0.967	24.806	23.252
15/12/2019	14:00:00	22.594	0.2191	0.001467	0.0069	0.0084	0.3805	236.600	0.947	21.004	24.483
15/12/2019	15:00:00	22.807	0.2201	0.001552	0.0068	0.0083	0.1778	238.380	1.020	18.844	25.071
15/12/2019	16:00:00	22.417	0.1884	0.001234	0.0062	0.0074	0.1417	225.130	0.972	18.387	25.161
15/12/2019	17:00:00	23.380	0.2259	0.001052	0.0078	0.0088	0.3354	242.120	0.797	18.390	25.286
15/12/2019	18:00:00	21.925	0.2849	0.001277	0.0110	0.0123	0.4524	237.350	0.765	18.492	24.493
15/12/2019	19:00:00	13.621	0.5601	0.004892	0.0235	0.0284	0.3195	225.650	0.607	20.687	22.975
15/12/2019	20:00:00	10.350	0.6016	0.004325	0.0245	0.0288	0.1243	215.820	0.701	22.943	21.660
15/12/2019	21:00:00	15.483	0.4199	0.001748	0.0144	0.0162	0.1968	220.490	0.787	23.250	20.789
15/12/2019	22:00:00	17.631	0.3184	0.001104	0.0101	0.0112	0.2354	225.240	0.970	24.445	19.832
15/12/2019	23:00:00	18.205	0.3240	0.000465	0.0094	0.0098	0.2723	233.320	0.783	27.858	18.475

PROMEDIO 24 HORAS	13.026	0.643	0.025	0.022	0.047	1.79
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	16/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
16/12/2019	00:00:00	18.615	0.4330	0.0003	0.0091	0.0095	0.3565	241.170	0.665	30.572	17.784
16/12/2019	01:00:00	18.632	0.3709	0.0000	0.0061	0.0057	0.3339	227.950	0.425	31.541	17.161
16/12/2019	02:00:00	16.231	0.3651	0.0000	0.0055	0.0051	0.1166	247.500	0.793	32.920	16.719
16/12/2019	03:00:00	15.729	0.3263	0.0000	0.0047	0.0046	0.0088	236.720	0.837	34.449	16.016
16/12/2019	04:00:00	15.139	0.3343	0.0000	0.0044	0.0042	0.0151	243.700	0.669	35.006	15.883
16/12/2019	05:00:00	15.261	0.3420	0.0000	0.0039	0.0035	0.0000	236.820	0.609	35.778	15.660
16/12/2019	06:00:00	14.605	0.3442	0.0000	0.0044	0.0040	0.0000	221.240	0.735	37.702	15.270
16/12/2019	07:00:00	11.245	0.4612	0.0016	0.0105	0.0120	0.7617	228.520	0.747	39.963	14.882
16/12/2019	08:00:00	9.037	0.5836	0.0033	0.0133	0.0165	0.6247	223.450	0.605	40.794	14.882
16/12/2019	09:00:00	9.412	0.5533	0.0061	0.0123	0.0184	1.3528	256.330	0.661	40.021	15.376
16/12/2019	10:00:00	11.913	0.4532	0.0051	0.0086	0.0137	0.4184	229.270	0.789	35.209	17.146
16/12/2019	11:00:00	14.307	0.3677	0.0035	0.0071	0.0106	0.2904	225.370	0.980	31.938	18.848
16/12/2019	12:00:00	16.176	0.3533	0.0038	0.0080	0.0117	0.2774	218.080	1.018	25.087	20.782
16/12/2019	13:00:00	17.762	0.3812	0.0039	0.0079	0.0118	0.2611	243.240	0.886	16.696	23.014
16/12/2019	14:00:00	19.098	0.3659	0.0025	0.0075	0.0099	0.1625	259.470	0.744	13.503	24.189
16/12/2019	15:00:00	19.611	0.3456	0.0026	0.0072	0.0098	0.2526	268.620	0.671	10.272	24.933
16/12/2019	16:00:00	20.403	0.3193	0.0025	0.0068	0.0093	0.1613	271.370	0.586	8.361	25.229
16/12/2019	17:00:00	20.241	0.3822	0.0022	0.0088	0.0110	0.2196	274.200	0.517	7.935	25.131
16/12/2019	18:00:00	17.407	0.5423	0.0027	0.0187	0.0214	0.2240	284.020	0.321	9.650	24.062
16/12/2019	19:00:00	3.376	1.9407	0.0509	0.0454	0.0963	1.4017	275.720	0.270	12.372	22.239
16/12/2019	20:00:00	0.618	2.3304	0.0928	0.0427	0.1355	2.9842	249.590	0.271	16.123	20.165
16/12/2019	21:00:00	0.613	1.7574	0.0674	0.0396	0.1070	2.4769	214.480	0.270	17.768	18.718
16/12/2019	22:00:00	0.581	1.7245	0.0719	0.0384	0.1103	2.7110	224.310	0.284	19.425	17.502
16/12/2019	23:00:00	1.203	0.9865	0.0162	0.0346	0.0508	1.3970	249.120	0.297	19.172	16.368

PROMEDIO 24 HORAS	12.801	0.682	0.014	0.015	0.029	0.70
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	17/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
17/12/2019	00:00:00	4.927	0.5923	0.0035	0.0263	0.0298	0.8967	213.460	0.278	18.988	15.781
17/12/2019	01:00:00	5.045	0.5513	0.0017	0.0263	0.0280	0.5822	199.440	0.270	22.352	15.048
17/12/2019	02:00:00	5.152	0.4620	0.0013	0.0222	0.0235	0.6010	269.950	0.270	25.895	14.206
17/12/2019	03:00:00	11.763	0.3418	0.0001	0.0120	0.0121	0.8801	158.500	0.428	35.713	14.522
17/12/2019	04:00:00	8.759	0.3961	0.0000	0.0186	0.0185	0.9987	178.400	0.400	38.942	13.157
17/12/2019	05:00:00	5.301	0.5101	0.0002	0.0221	0.0223	1.1743	291.560	0.318	43.437	12.781
17/12/2019	06:00:00	7.257	0.4114	0.0001	0.0175	0.0176	1.0193	282.170	0.365	46.915	12.010
17/12/2019	07:00:00	1.778	0.7132	0.0112	0.0311	0.0423	1.1697	245.160	0.379	49.288	11.390
17/12/2019	08:00:00	0.446	1.3208	0.0408	0.0349	0.0756	2.1132	258.290	0.387	56.466	10.716
17/12/2019	09:00:00	1.824	1.2551	0.0309	0.0332	0.0641	2.6332	278.410	0.493	60.878	10.877
17/12/2019	10:00:00	3.943	1.3002	0.0400	0.0366	0.0766	3.1790	196.700	0.463	61.227	12.509
17/12/2019	11:00:00	14.097	0.6025	0.0067	0.0148	0.0216	2.4580	114.580	0.811	62.721	15.207
17/12/2019	12:00:00	20.425	0.4432	0.0031	0.0112	0.0143	1.8355	103.470	0.733	56.569	16.723
17/12/2019	13:00:00	24.418	0.4238	0.0027	0.0114	0.0141	2.4104	97.887	0.787	49.458	18.210
17/12/2019	14:00:00	26.935	0.4172	0.0021	0.0117	0.0138	2.2818	100.310	0.816	46.135	19.524
17/12/2019	15:00:00	28.873	0.3962	0.0023	0.0125	0.0148	2.1245	100.970	0.752	42.778	20.524
17/12/2019	16:00:00	22.773	0.4421	0.0037	0.0153	0.0191	1.8351	85.791	0.863	44.983	19.884
17/12/2019	17:00:00	17.900	0.4438	0.0043	0.0156	0.0199	1.7481	101.940	0.897	47.871	18.570
17/12/2019	18:00:00	14.162	0.4941	0.0026	0.0172	0.0198	1.2871	107.800	0.860	55.610	15.602
17/12/2019	19:00:00	13.468	0.5230	0.0020	0.0165	0.0185	0.7650	116.110	0.898	62.741	13.032
17/12/2019	20:00:00	12.818	0.5058	0.0019	0.0153	0.0172	0.6712	112.990	0.983	65.253	11.164
17/12/2019	21:00:00	13.072	0.4693	0.0011	0.0158	0.0168	0.7212	95.515	0.987	65.459	9.517
17/12/2019	22:00:00	12.933	0.4250	0.0010	0.0168	0.0177	0.5986	84.509	1.100	67.096	7.990
17/12/2019	23:00:00	13.631	0.3894	0.0005	0.0146	0.0151	0.3316	85.831	1.067	72.154	6.626

PROMEDIO 24 HORAS	12.154	0.576	0.007	0.020	0.026	1.43
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF	95 PPB
CO	NOM-021-SSA1-1993 (DOF	11 PPM
NO2	NOM-023-SSA1-1993(DOF	210 PPB
SO2	NOM-022-SSA1-2010 (DOF	110 PPB
PM10	NOM-025-SSA1-2014 (DOF	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	18/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
18/12/2019	00:00:00	15.126	0.3463	0.0002	0.0106	0.0108	0.5491	81.614	0.991	73.534	5.518
18/12/2019	01:00:00	16.709	0.3014	0.0001	0.0078	0.0079	0.2521	85.235	0.896	74.685	4.961
18/12/2019	02:00:00	17.229	0.2789	0.0000	0.0068	0.0064	0.3782	91.856	0.867	75.344	4.535
18/12/2019	03:00:00	17.206	0.2821	0.0000	0.0060	0.0055	0.2125	90.484	0.837	77.409	3.958
18/12/2019	04:00:00	16.870	0.2887	0.0000	0.0058	0.0053	0.3886	87.874	0.780	78.905	3.759
18/12/2019	05:00:00	17.239	0.2909	0.0000	0.0054	0.0051	0.3745	73.818	0.796	81.825	3.152
18/12/2019	06:00:00	16.393	0.2925	0.0000	0.0064	0.0063	0.5773	90.409	0.775	85.768	2.674
18/12/2019	07:00:00	14.197	0.3799	0.0000	0.0102	0.0102	0.3056	95.158	0.756	90.263	2.384
18/12/2019	08:00:00	11.495	0.4389	0.0007	0.0153	0.0160	0.1192	83.622	0.797	89.240	2.397
18/12/2019	09:00:00	10.237	0.5509	0.0025	0.0179	0.0203	0.2436	82.629	0.802	84.193	2.661
18/12/2019	10:00:00	10.697	0.5528	0.0044	0.0174	0.0219	0.3938	87.162	0.746	78.704	3.047
18/12/2019	11:00:00	12.140	0.5013	0.0048	0.0161	0.0208	0.4542	82.445	0.760	73.765	3.632
18/12/2019	12:00:00	13.532	0.5029	0.0054	0.0142	0.0196	0.4881	94.117	0.735	70.334	4.365
18/12/2019	13:00:00	14.449	0.4713	0.0057	0.0148	0.0204	0.5301	99.785	0.654	65.522	5.385
18/12/2019	14:00:00	14.664	0.5232	0.0065	0.0164	0.0230	0.5212	109.390	0.551	60.985	6.688
18/12/2019	15:00:00	17.693	0.4519	0.0061	0.0142	0.0203	0.6102	87.167	0.637	56.123	8.036
18/12/2019	16:00:00	20.216	0.4360	0.0032	0.0128	0.0160	0.8349	120.960	0.521	52.519	9.201
18/12/2019	17:00:00	20.139	0.3976	0.0020	0.0109	0.0129	0.8560	151.760	0.654	48.435	9.744
18/12/2019	18:00:00	17.323	0.3860	0.0012	0.0102	0.0114	0.7361	154.960	0.795	47.661	8.964
18/12/2019	19:00:00	14.367	0.4576	0.0009	0.0143	0.0152	0.4532	229.510	0.778	50.753	7.089
18/12/2019	20:00:00	11.590	0.5767	0.0023	0.0184	0.0207	0.5160	207.240	0.515	53.565	5.869
18/12/2019	21:00:00	7.069	0.7275	0.0021	0.0249	0.0271	0.6112	247.030	0.410	55.678	5.558
18/12/2019	22:00:00	6.063	0.6778	0.0022	0.0263	0.0284	0.7095	234.500	0.509	57.553	5.042
18/12/2019	23:00:00	6.627	0.5488	0.0014	0.0252	0.0266	1.0059	60.595	0.561	61.731	4.816

PROMEDIO 24 HORAS	14.136	0.444	0.002	0.014	0.016	0.51
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	19/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
19/12/2019	00:00:00	5.996	0.6933	0.0012	0.0235	0.0247	1.6173	75.867	0.619	59.574	4.589
19/12/2019	01:00:00	7.995	0.6397	0.0003	0.0199	0.0202	1.2648	192.170	0.519	62.338	3.944
19/12/2019	02:00:00	7.794	0.5761	0.0000	0.0176	0.0176	1.0819	252.700	0.535	66.044	3.141
19/12/2019	03:00:00	9.829	0.4727	0.0000	0.0143	0.0141	0.7303	275.260	0.520	68.228	2.718
19/12/2019	04:00:00	12.059	0.4764	0.0000	0.0111	0.0108	0.7052	293.110	0.554	68.973	2.584
19/12/2019	05:00:00	13.746	0.4052	0.0000	0.0088	0.0083	0.7553	278.890	0.568	67.806	2.599
19/12/2019	06:00:00	15.330	0.4256	0.0000	0.0066	0.0063	0.6137	283.060	0.572	67.841	2.368
19/12/2019	07:00:00	13.138	0.4855	0.0000	0.0109	0.0108	0.6858	288.160	0.528	68.213	2.153
19/12/2019	08:00:00	12.031	0.5937	0.0009	0.0145	0.0154	0.6195	287.290	0.512	67.758	2.208
19/12/2019	09:00:00	14.301	0.4764	0.0026	0.0106	0.0132	2.2694	286.370	0.517	63.410	3.313
19/12/2019	10:00:00	14.918	0.6129	0.0058	0.0135	0.0193	10.5640	190.090	0.468	58.643	5.088
19/12/2019	11:00:00	15.180	0.6367	0.0086	0.0161	0.0247	4.1423	162.190	0.431	54.585	6.897
19/12/2019	12:00:00	16.971	0.7201	0.0102	0.0201	0.0303	3.0253	187.740	0.417	48.506	9.029
19/12/2019	13:00:00	20.628	0.7888	0.0107	0.0259	0.0366	3.2297	147.260	0.450	44.389	10.956
19/12/2019	14:00:00	23.749	0.9247	0.0109	0.0353	0.0462	3.7277	162.990	0.423	41.334	12.805
19/12/2019	15:00:00	24.947	0.8820	0.0086	0.0397	0.0483	3.6403	127.070	0.399	41.891	14.057
19/12/2019	16:00:00	25.656	0.5555	0.0033	0.0196	0.0229	2.7489	178.340	0.593	43.679	14.962
19/12/2019	17:00:00	20.060	0.5005	0.0016	0.0127	0.0142	1.2171	112.370	0.705	44.658	14.361
19/12/2019	18:00:00	16.989	0.5671	0.0013	0.0142	0.0156	1.0036	231.190	0.608	45.353	13.783
19/12/2019	19:00:00	9.619	0.8015	0.0023	0.0245	0.0267	0.9317	243.880	0.540	49.250	12.307
19/12/2019	20:00:00	7.182	0.8167	0.0027	0.0243	0.0270	0.9608	279.660	0.533	53.601	10.777
19/12/2019	21:00:00	7.598	0.7817	0.0022	0.0230	0.0252	0.7725	292.440	0.544	58.093	9.530
19/12/2019	22:00:00	9.219	0.6585	0.0016	0.0190	0.0205	0.7519	290.750	0.566	63.422	8.452
19/12/2019	23:00:00	9.126	0.6149	0.0010	0.0191	0.0201	0.3175	291.510	0.418	65.199	8.079

PROMEDIO 24 HORAS	13.919	0.629	0.003	0.019	0.022	1.97
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	20/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
20/12/2019	00:00:00	8.395	0.5242	0.0005	0.0194	0.0200	0.1880	297.380	0.472	65.442	7.967
20/12/2019	01:00:00	10.691	0.4023	0.0006	0.0146	0.0152	0.0000	212.630	0.500	67.421	7.418
20/12/2019	02:00:00	10.717	0.3768	0.0001	0.0138	0.0139	0.0000	179.240	0.411	68.149	7.262
20/12/2019	03:00:00	11.988	0.3246	0.0000	0.0109	0.0106	0.0000	262.400	0.481	68.843	7.097
20/12/2019	04:00:00	12.075	0.3206	0.0000	0.0112	0.0108	0.0000	151.020	0.390	70.169	6.976
20/12/2019	05:00:00	11.879	0.3262	0.0000	0.0109	0.0106	0.0727	182.510	0.421	70.802	6.888
20/12/2019	06:00:00	10.522	0.3336	0.0000	0.0130	0.0129	0.1758	110.850	0.391	70.403	7.013
20/12/2019	07:00:00	5.916	0.5145	0.0005	0.0219	0.0225	0.0000	99.238	0.426	71.181	6.930
20/12/2019	08:00:00	3.957	0.6217	0.0034	0.0270	0.0304	0.3223	101.630	0.445	72.886	6.790
20/12/2019	09:00:00	6.278	0.6990	0.0091	0.0246	0.0337	0.4996	155.360	0.374	69.777	7.472
20/12/2019	10:00:00	6.472	0.8740	0.0182	0.0275	0.0457	5.3864	104.000	0.411	62.711	9.137
20/12/2019	11:00:00	5.522	0.9560	0.0208	0.0340	0.0548	15.7860	167.290	0.305	58.265	10.342
20/12/2019	12:00:00	5.795	0.9737	0.0195	0.0332	0.0527	8.3758	148.550	0.421	56.949	10.900
20/12/2019	13:00:00	6.136	0.7252	0.0130	0.0276	0.0406	4.9646	161.330	0.431	66.512	10.588
20/12/2019	14:00:00	5.925	0.9874	0.0188	0.0336	0.0524	4.2546	101.490	0.468	68.951	11.036
20/12/2019	15:00:00	3.626	1.6050	0.0493	0.0608	0.1102	5.1991	106.010	0.596	66.865	11.942
20/12/2019	16:00:00	2.113	1.7587	0.0539	0.0701	0.1239	6.0814	141.150	0.466	68.772	12.073
20/12/2019	17:00:00	1.636	1.7805	0.0465	0.0698	0.1163	4.7578	88.970	0.419	69.498	12.110
20/12/2019	18:00:00	0.741	1.7229	0.0409	0.0689	0.1098	4.3925	170.050	0.353	71.031	12.058
20/12/2019	19:00:00	0.204	1.5291	0.0311	0.0526	0.0838	4.0437	186.510	0.502	74.034	11.651
20/12/2019	20:00:00	3.676	0.6168	0.0031	0.0218	0.0249	1.4729	103.340	0.577	79.210	10.331
20/12/2019	21:00:00	5.193	0.5909	0.0016	0.0218	0.0234	0.9772	243.460	0.519	78.263	10.108
20/12/2019	22:00:00	5.464	0.5605	0.0019	0.0198	0.0217	0.7962	247.370	0.464	80.541	9.982
20/12/2019	23:00:00	3.694	0.6905	0.0043	0.0239	0.0281	0.6443	255.810	0.473	87.614	9.642

PROMEDIO 24 HORAS	6.192	0.826	0.014	0.031	0.045	2.85
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	21/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
21/12/2019	00:00:00	4.414	0.5532	0.0016	0.0208	0.0224	1.1778	255.950	0.410	88.067	9.755
21/12/2019	01:00:00	4.022	0.5315	0.0011	0.0193	0.0205	1.3511	266.110	0.345	89.427	9.660
21/12/2019	02:00:00	7.206	0.4239	0.0001	0.0153	0.0154	1.0733	200.790	0.468	88.437	9.465
21/12/2019	03:00:00	7.456	0.3904	0.0003	0.0131	0.0134	0.5778	283.930	0.463	90.588	9.123
21/12/2019	04:00:00	7.805	0.3449	0.0000	0.0117	0.0114	0.4328	236.150	0.399	90.978	9.063
21/12/2019	05:00:00	5.629	0.3274	0.0000	0.0123	0.0123	0.2522	252.510	0.320	94.278	8.871
21/12/2019	06:00:00	4.872	0.3421	0.0000	0.0131	0.0132	0.2328	258.820	0.324	94.026	8.985
21/12/2019	07:00:00	10.294	0.3118	0.0001	0.0120	0.0122	0.3719	73.203	0.659	91.096	9.365
21/12/2019	08:00:00	9.794	0.4008	0.0002	0.0152	0.0154	0.3059	89.057	0.529	92.127	9.369
21/12/2019	09:00:00	6.612	0.5813	0.0033	0.0233	0.0266	0.5121	147.340	0.483	94.363	9.362
21/12/2019	10:00:00	4.405	0.7406	0.0066	0.0255	0.0321	0.5505	139.070	0.383	95.784	9.503
21/12/2019	11:00:00	5.303	0.7482	0.0087	0.0215	0.0302	0.6708	85.284	0.578	96.969	9.738
21/12/2019	12:00:00	5.432	0.6532	0.0056	0.0199	0.0255	0.3784	171.410	0.608	97.929	9.884
21/12/2019	13:00:00	7.350	0.5247	0.0038	0.0150	0.0188	0.3354	163.900	0.800	DI	9.207
21/12/2019	14:00:00	9.457	0.5039	0.0033	0.0124	0.0158	0.1666	229.740	0.812	DI	8.238
21/12/2019	15:00:00	10.444	0.4981	0.0023	0.0123	0.0146	0.2457	204.300	0.677	DI	8.025
21/12/2019	16:00:00	10.011	0.5601	0.0025	0.0147	0.0172	0.1911	270.500	0.673	DI	7.818
21/12/2019	17:00:00	10.425	0.5099	0.0015	0.0129	0.0144	0.2586	186.390	0.696	DI	7.774
21/12/2019	18:00:00	10.486	0.4092	0.0010	0.0126	0.0135	0.0422	119.380	0.620	DI	7.542
21/12/2019	19:00:00	9.982	0.4054	0.0009	0.0138	0.0148	0.1928	50.131	0.573	DI	7.265
21/12/2019	20:00:00	11.337	0.5565	0.0007	0.0108	0.0115	0.1888	77.645	0.613	99.251	7.077
21/12/2019	21:00:00	11.561	0.7063	0.0004	0.0119	0.0122	0.0713	91.490	0.402	98.535	7.109
21/12/2019	22:00:00	6.721	0.8828	0.0005	0.0192	0.0197	0.2165	237.630	0.317	98.855	7.330
21/12/2019	23:00:00	8.768	0.7757	0.0004	0.0159	0.0163	0.1440	228.950	0.315	96.747	7.392

PROMEDIO 24 HORAS	7.908	0.528	0.002	0.016	0.017	0.41
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	22/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
22/12/2019	00:00:00	7.770	0.6710	0.0006	0.0159	0.0165	0.0590	243.460	0.333	98.339	7.390
22/12/2019	01:00:00	5.826	0.7178	0.0010	0.0202	0.0212	0.0541	180.200	0.284	96.936	7.501
22/12/2019	02:00:00	4.537	0.7540	CAL	CAL	CAL	CAL	160.250	0.278	96.679	7.427
22/12/2019	03:00:00	CAL	0.9758	0.0066	0.0256	0.0322	0.1503	124.890	0.361	98.088	7.355
22/12/2019	04:00:00	0.544	0.8648	0.0079	0.0226	0.0306	0.3157	140.880	0.349	DI	6.713
22/12/2019	05:00:00	5.626	0.5485	0.0001	0.0129	0.0130	0.0199	186.950	0.366	DI	6.489
22/12/2019	06:00:00	9.997	0.4656	0.0000	0.0089	0.0089	0.0000	173.090	0.346	DI	6.575
22/12/2019	07:00:00	10.505	0.5276	0.0000	0.0093	0.0093	0.0000	220.050	0.330	98.675	6.824
22/12/2019	08:00:00	11.134	0.5027	0.0000	0.0105	0.0103	0.0260	69.712	0.319	96.533	7.050
22/12/2019	09:00:00	8.962	0.5685	0.0014	0.0142	0.0156	0.0858	100.080	0.350	95.884	7.336
22/12/2019	10:00:00	9.527	0.5871	0.0038	0.0131	0.0169	0.0455	208.850	0.364	91.937	8.039
22/12/2019	11:00:00	13.033	0.5358	0.0053	0.0105	0.0158	0.4010	169.060	0.399	80.662	9.983
22/12/2019	12:00:00	15.616	0.5442	0.0056	0.0118	0.0174	0.4306	100.420	0.537	71.532	11.727
22/12/2019	13:00:00	14.477	0.4788	0.0069	0.0137	0.0206	0.9851	78.969	0.694	65.542	12.494
22/12/2019	14:00:00	16.955	0.4790	0.0054	0.0113	0.0167	0.6752	105.890	0.639	60.661	13.771
22/12/2019	15:00:00	18.138	0.4701	0.0042	0.0107	0.0149	0.8391	95.734	0.680	58.120	14.493
22/12/2019	16:00:00	18.188	0.4791	0.0035	0.0115	0.0150	0.9742	124.160	0.682	55.774	15.470
22/12/2019	17:00:00	18.277	0.4970	0.0026	0.0116	0.0142	0.8024	127.320	0.681	55.078	15.313
22/12/2019	18:00:00	16.144	0.5857	0.0019	0.0154	0.0173	0.6559	119.720	0.500	56.430	15.145
22/12/2019	19:00:00	10.070	0.7128	0.0017	0.0195	0.0212	0.3696	74.177	0.623	67.307	13.804
22/12/2019	20:00:00	2.219	1.0085	0.0063	0.0275	0.0338	0.3201	91.300	0.492	76.579	12.583
22/12/2019	21:00:00	5.543	0.7458	0.0030	0.0189	0.0219	0.2422	144.170	0.521	83.140	11.241
22/12/2019	22:00:00	4.170	0.8270	0.0042	0.0236	0.0279	0.2912	140.270	0.467	84.907	10.731
22/12/2019	23:00:00	1.786	0.8655	0.0050	0.0271	0.0320	0.4676	85.170	0.327	87.150	10.275

PROMEDIO 24 HORAS	9.958	0.642	0.003	0.016	0.019	0.36
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	23/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
23/12/2019	00:00:00	0.439	0.7938	0.010583	0.0262	0.0368	0.5024	132.800	0.351	90.755	9.606
23/12/2019	01:00:00	0.566	0.6954	0.013778	0.0197	0.0335	0.7123	246.690	0.374	91.159	9.019
23/12/2019	02:00:00	0.865	0.5157	0.007419	0.0158	0.0232	0.1012	215.390	0.331	91.919	8.369
23/12/2019	03:00:00	0.270	0.8120	0.026584	0.0155	0.0421	0.4511	187.670	0.317	95.480	7.890
23/12/2019	04:00:00	0.390	0.5862	0.012575	0.0153	0.0278	0.1611	239.520	0.318	94.287	7.712
23/12/2019	05:00:00	0.285	0.6682	0.025432	0.0164	0.0418	0.3077	40.808	0.304	96.448	7.264
23/12/2019	06:00:00	0.240	0.4992	0.013136	0.0199	0.0330	0.1885	102.540	0.422	DI	6.651
23/12/2019	07:00:00	0.325	0.4708	0.005199	0.0220	0.0272	0.0428	126.700	0.467	DI	6.775
23/12/2019	08:00:00	2.050	0.3733	0.002937	0.0178	0.0208	0.0000	160.930	0.371	DI	6.710
23/12/2019	09:00:00	2.621	0.5096	0.0103	0.0179	0.0282	0.0783	145.370	0.396	DI	6.771
23/12/2019	10:00:00	2.937	0.6801	0.021119	0.0205	0.0416	0.2333	143.100	0.420	DI	7.165
23/12/2019	11:00:00	5.641	0.8246	0.026978	0.0215	0.0484	0.3944	145.510	0.433	89.548	9.383
23/12/2019	12:00:00	7.962	1.0790	0.037783	0.0350	0.0727	0.8101	118.180	0.467	76.767	11.885
23/12/2019	13:00:00	12.325	0.9905	0.026195	0.0370	0.0632	1.0805	95.831	0.514	66.862	14.135
23/12/2019	14:00:00	15.775	0.8237	0.017191	0.0333	0.0505	0.4009	88.883	0.563	56.250	16.298
23/12/2019	15:00:00	20.915	0.6021	0.008345	0.0249	0.0332	0.2460	101.680	0.596	45.844	18.156
23/12/2019	16:00:00	17.746	0.4254	0.008374	0.0239	0.0323	0.8397	89.543	0.534	42.832	19.160
23/12/2019	17:00:00	16.747	0.4105	0.005894	0.0206	0.0265	0.8987	94.756	0.518	40.679	19.705
23/12/2019	18:00:00	13.296	0.5213	0.004054	0.0269	0.0310	0.7274	108.350	0.429	41.074	19.364
23/12/2019	19:00:00	7.120	0.8080	0.002799	0.0293	0.0321	0.2990	129.020	0.481	54.606	17.037
23/12/2019	20:00:00	1.313	1.5518	0.0251	0.0380	0.0631	0.5904	264.620	0.391	61.793	15.629
23/12/2019	21:00:00	0.551	1.7881	0.061313	0.0356	0.0969	0.9938	210.500	0.347	68.024	14.427
23/12/2019	22:00:00	0.322	2.8885	0.13877	0.0327	0.1715	3.1076	225.650	0.270	76.546	13.334
23/12/2019	23:00:00	0.228	1.4033	0.047368	0.0297	0.0771	1.9156	223.760	0.437	74.051	13.047

PROMEDIO 24 HORAS	5.455	0.863	0.023	0.025	0.048	0.63
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	24/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
24/12/2019	00:00:00	1.367	0.6852	0.007652	0.0235	0.0312	0.4176	228.160	0.460	72.184	12.316
24/12/2019	01:00:00	1.916	0.6369	0.007775	0.0205	0.0283	0.0859	207.770	0.332	75.109	11.477
24/12/2019	02:00:00	0.712	0.7251	0.017674	0.0207	0.0384	0.4522	238.940	0.367	81.390	10.629
24/12/2019	03:00:00	1.394	0.5763	0.004379	0.0202	0.0246	0.1414	169.180	0.316	83.945	10.153
24/12/2019	04:00:00	1.241	0.4368	0.003081	0.0182	0.0213	0.0000	173.880	0.313	85.325	9.616
24/12/2019	05:00:00	3.814	0.3608	0.000897	0.0128	0.0137	0.0000	201.700	0.372	82.495	9.597
24/12/2019	06:00:00	1.091	0.4386	0.004097	0.0160	0.0201	0.0000	170.860	0.350	89.390	8.836
24/12/2019	07:00:00	0.218	0.6762	0.018599	0.0175	0.0361	0.0583	172.740	0.308	90.716	8.735
24/12/2019	08:00:00	0.300	1.2176	0.06995	0.0199	0.0898	1.2559	205.020	0.272	89.672	8.848
24/12/2019	09:00:00	1.829	1.1503	0.0633	0.0199	0.0832	1.8039	224.640	0.370	76.104	10.892
24/12/2019	10:00:00	6.087	0.8534	0.028655	0.0249	0.0536	0.7744	124.170	0.411	61.763	14.331
24/12/2019	11:00:00	6.350	1.4033	0.058177	0.0520	0.1101	2.6516	102.240	0.584	59.964	15.674
24/12/2019	12:00:00	11.267	0.6739	0.022156	0.0295	0.0516	2.2943	151.170	0.737	43.766	18.424
24/12/2019	13:00:00	14.320	0.2013	0.003167	0.0070	0.0102	0.2715	257.690	0.986	31.021	20.480
24/12/2019	14:00:00	14.712	0.1915	0.002754	0.0062	0.0090	0.0000	248.010	0.949	28.206	21.472
24/12/2019	15:00:00	15.873	0.1766	0.002088	0.0062	0.0083	0.0000	260.380	0.914	27.240	21.953
24/12/2019	16:00:00	17.905	0.1875	0.002124	0.0073	0.0094	0.0000	244.550	0.917	27.259	22.485
24/12/2019	17:00:00	20.267	0.2082	0.001654	0.0079	0.0096	0.0842	249.530	0.855	28.049	22.430
24/12/2019	18:00:00	18.985	0.2843	0.000949	0.0099	0.0108	0.0436	255.690	0.686	30.025	21.824
24/12/2019	19:00:00	10.361	0.5370	0.002875	0.0208	0.0237	0.2967	254.310	0.439	34.070	20.007
24/12/2019	20:00:00	3.659	1.1012	0.035332	0.0302	0.0656	0.3974	219.980	0.321	39.886	18.379
24/12/2019	21:00:00	0.488	1.3359	0.043901	0.0313	0.0752	1.1859	251.130	0.393	47.523	16.861
24/12/2019	22:00:00	0.443	1.4124	0.041559	0.0282	0.0698	1.1403	271.500	0.285	52.359	15.721
24/12/2019	23:00:00	0.383	1.1505	0.027071	0.0265	0.0535	1.0266	290.820	0.271	55.152	14.791

PROMEDIO 24 HORAS	6.458	0.693	0.020	0.020	0.039	0.60
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	25/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
25/12/2019	00:00:00	1.367	0.6852	0.007652	0.0235	0.0312	0.4176	228.160	0.460	72.184	12.316
25/12/2019	01:00:00	1.916	0.6369	0.007775	0.0205	0.0283	0.0859	207.770	0.332	75.109	11.477
25/12/2019	02:00:00	0.712	0.7251	0.017674	0.0207	0.0384	0.4522	238.940	0.367	81.390	10.629
25/12/2019	03:00:00	1.394	0.5763	0.004379	0.0202	0.0246	0.1414	169.180	0.316	83.945	10.153
25/12/2019	04:00:00	1.241	0.4368	0.003081	0.0182	0.0213	0.0000	173.880	0.313	85.325	9.616
25/12/2019	05:00:00	3.814	0.3608	0.000897	0.0128	0.0137	0.0000	201.700	0.372	82.495	9.597
25/12/2019	06:00:00	1.091	0.4386	0.004097	0.0160	0.0201	0.0000	170.860	0.350	89.390	8.836
25/12/2019	07:00:00	0.218	0.6762	0.018599	0.0175	0.0361	0.0583	172.740	0.308	90.716	8.735
25/12/2019	08:00:00	0.300	1.2176	0.06995	0.0199	0.0898	1.2559	205.020	0.272	89.672	8.848
25/12/2019	09:00:00	1.829	1.1503	0.0633	0.0199	0.0832	1.8039	224.640	0.370	76.104	10.892
25/12/2019	10:00:00	6.087	0.8534	0.028655	0.0249	0.0536	0.7744	124.170	0.411	61.763	14.331
25/12/2019	11:00:00	6.350	1.4033	0.058177	0.0520	0.1101	2.6516	102.240	0.584	59.964	15.674
25/12/2019	12:00:00	11.267	0.6739	0.022156	0.0295	0.0516	2.2943	151.170	0.737	43.766	18.424
25/12/2019	13:00:00	14.320	0.2013	0.003167	0.0070	0.0102	0.2715	257.690	0.986	31.021	20.480
25/12/2019	14:00:00	14.712	0.1915	0.002754	0.0062	0.0090	0.0000	248.010	0.949	28.206	21.472
25/12/2019	15:00:00	15.873	0.1766	0.002088	0.0062	0.0083	0.0000	260.380	0.914	27.240	21.953
25/12/2019	16:00:00	17.905	0.1875	0.002124	0.0073	0.0094	0.0000	244.550	0.917	27.259	22.485
25/12/2019	17:00:00	20.267	0.2082	0.001654	0.0079	0.0096	0.0842	249.530	0.855	28.049	22.430
25/12/2019	18:00:00	18.985	0.2843	0.000949	0.0099	0.0108	0.0436	255.690	0.686	30.025	21.824
25/12/2019	19:00:00	10.361	0.5370	0.002875	0.0208	0.0237	0.2967	254.310	0.439	34.070	20.007
25/12/2019	20:00:00	3.659	1.1012	0.035332	0.0302	0.0656	0.3974	219.980	0.321	39.886	18.379
25/12/2019	21:00:00	0.488	1.3359	0.043901	0.0313	0.0752	1.1859	251.130	0.393	47.523	16.861
25/12/2019	22:00:00	0.443	1.4124	0.041559	0.0282	0.0698	1.1403	271.500	0.285	52.359	15.721
25/12/2019	23:00:00	0.383	1.1505	0.027071	0.0265	0.0535	1.0266	290.820	0.271	55.152	14.791

PROMEDIO 24 HORAS	6.458	0.693	0.020	0.020	0.039	0.60
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	26/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
26/12/2019	00:00:00	0.691	0.7540	0.010048	0.0243	0.0344	0.2575	257.730	0.270	46.611	17.890
26/12/2019	01:00:00	6.195	0.3369	0.001391	0.0112	0.0126	0.0495	240.630	0.494	44.560	17.604
26/12/2019	02:00:00	7.326	0.3449	8.13E-05	0.0098	0.0099	0.0000	262.470	0.419	46.930	16.348
26/12/2019	03:00:00	4.255	0.3706	0.002213	0.0154	0.0176	0.0000	228.150	0.349	51.712	15.150
26/12/2019	04:00:00	0.246	0.5726	0.007837	0.0228	0.0307	0.1494	237.370	0.332	56.788	15.017
26/12/2019	05:00:00	3.191	0.3495	0.000533	0.0134	0.0139	0.0000	225.510	0.270	54.636	14.290
26/12/2019	06:00:00	4.324	0.2781	0.000585	0.0108	0.0114	0.0000	191.020	0.361	57.146	13.293
26/12/2019	07:00:00	1.705	0.4354	0.0083	0.0164	0.0247	0.0000	207.990	0.333	59.485	12.617
26/12/2019	08:00:00	0.568	0.9039	0.033822	0.0198	0.0536	0.6988	208.320	0.374	59.959	12.457
26/12/2019	09:00:00	2.921	0.6949	0.0228	0.0173	0.0401	0.9210	227.120	0.453	52.101	13.989
26/12/2019	10:00:00	6.317	0.6418	0.016562	0.0173	0.0339	1.3817	232.630	0.270	45.775	16.397
26/12/2019	11:00:00	10.954	0.5857	0.012322	0.0185	0.0308	1.3526	132.840	0.325	41.527	18.220
26/12/2019	12:00:00	14.547	0.3573	0.006929	0.0136	0.0206	2.0989	114.670	0.682	36.459	20.127
26/12/2019	13:00:00	16.970	0.2101	0.001673	0.0067	0.0084	0.3477	191.990	0.578	29.658	21.999
26/12/2019	14:00:00	17.239	0.1709	0.002203	0.0064	0.0086	0.2968	207.130	0.574	24.488	23.285
26/12/2019	15:00:00	15.366	0.1825	0.002247	0.0057	0.0079	0.0000	209.910	0.894	21.960	23.689
26/12/2019	16:00:00	15.190	0.2138	0.002366	0.0062	0.0086	0.0000	227.700	0.739	21.531	24.291
26/12/2019	17:00:00	15.197	0.2562	0.001923	0.0073	0.0092	0.0000	240.820	0.486	21.876	24.117
26/12/2019	18:00:00	11.882	0.4077	0.004206	0.0136	0.0178	0.0000	248.970	0.473	21.503	23.836
26/12/2019	19:00:00	4.338	0.8606	0.011553	0.0291	0.0407	0.0543	218.720	0.270	24.887	22.483
26/12/2019	20:00:00	1.428	0.9284	0.012178	0.0317	0.0439	0.5792	107.830	0.270	29.409	21.263
26/12/2019	21:00:00	8.024	0.6821	0.001957	0.0251	0.0271	0.1929	107.680	0.514	51.144	19.670
26/12/2019	22:00:00	1.859	0.9974	0.013452	0.0402	0.0537	0.3939	141.630	0.420	53.995	18.865
26/12/2019	23:00:00	0.158	1.3835	0.02796	0.0340	0.0620	0.8350	203.080	0.347	52.461	17.926

PROMEDIO 24 HORAS	7.120	0.538	0.009	0.017	0.026	0.40
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF	95 PPB
CO	NOM-021-SSA1-1993 (DOF	11 PPM
NO2	NOM-023-SSA1-1993(DOF	210 PPB
SO2	NOM-022-SSA1-2010 (DOF	110 PPB
PM10	NOM-025-SSA1-2014 (DOF	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	27/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
27/12/2019	00:00:00	0.064	1.1591	0.0301	0.0290	0.0590	0.9328	206.440	0.271	54.248	16.820
27/12/2019	01:00:00	0.258	0.9328	0.0242	0.0267	0.0509	0.8411	179.820	0.375	54.856	15.905
27/12/2019	02:00:00	0.248	0.8447	0.0180	0.0284	0.0465	0.6792	281.070	0.460	63.820	14.469
27/12/2019	03:00:00	3.843	0.4458	0.0005	0.0179	0.0185	0.2133	198.300	0.417	80.710	13.249
27/12/2019	04:00:00	6.587	0.3617	0.0000	0.0126	0.0125	0.2733	248.810	0.451	90.553	12.460
27/12/2019	05:00:00	6.934	0.3373	0.0000	0.0110	0.0107	0.4364	294.730	0.493	95.135	11.736
27/12/2019	06:00:00	8.354	0.3079	0.0000	0.0093	0.0090	0.2741	291.090	0.481	99.984	10.970
27/12/2019	07:00:00	7.422	0.3527	0.0000	0.0106	0.0106	0.1859	233.580	0.357	DI	10.371
27/12/2019	08:00:00	5.678	0.4199	0.0020	0.0135	0.0155	0.0597	232.270	0.394	DI	10.349
27/12/2019	09:00:00	4.812	0.4786	0.0055	0.0154	0.0208	0.1978	172.750	0.398	DI	10.467
27/12/2019	10:00:00	4.487	0.5428	0.0108	0.0157	0.0265	0.8176	156.830	0.480	95.131	11.333
27/12/2019	11:00:00	8.267	0.6574	0.0142	0.0175	0.0317	0.7889	147.330	0.483	80.346	13.708
27/12/2019	12:00:00	10.117	0.8675	0.0240	0.0320	0.0560	0.9056	89.104	0.546	70.996	16.187
27/12/2019	13:00:00	13.562	0.6400	0.0184	0.0313	0.0497	1.9630	104.040	0.505	53.552	19.808
27/12/2019	14:00:00	15.163	0.2596	0.0040	0.0104	0.0144	0.8675	204.010	0.771	32.497	23.228
27/12/2019	15:00:00	17.772	0.2795	0.0046	0.0126	0.0173	0.7965	167.250	0.758	31.258	24.107
27/12/2019	16:00:00	15.457	0.1999	0.0028	0.0077	0.0105	0.1908	228.890	0.860	21.859	25.013
27/12/2019	17:00:00	15.893	0.2390	0.0029	0.0091	0.0119	0.0246	233.330	1.000	21.208	24.782
27/12/2019	18:00:00	13.204	0.3950	0.0031	0.0155	0.0186	0.7697	244.130	0.782	25.340	23.655
27/12/2019	19:00:00	7.020	0.7521	0.0136	0.0261	0.0397	0.5309	220.900	0.547	28.402	22.814
27/12/2019	20:00:00	1.026	1.4905	0.0468	0.0356	0.0824	0.9259	205.640	0.450	32.896	21.570
27/12/2019	21:00:00	0.495	1.5283	0.0580	0.0342	0.0923	1.9454	246.530	0.487	37.079	20.180
27/12/2019	22:00:00	3.928	0.4727	0.0053	0.0200	0.0253	0.4691	228.970	0.703	37.147	19.613
27/12/2019	23:00:00	7.324	0.4193	0.0024	0.0132	0.0156	0.2670	236.660	0.741	38.456	18.864

PROMEDIO 24 HORAS	7.413	0.599	0.012	0.019	0.031	0.64
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	28/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
28/12/2019	00:00:00	8.052	0.5069	0.0018	0.0116	0.0134	0.1683	231.500	0.715	40.433	18.047
28/12/2019	01:00:00	8.587	0.4481	0.0008	0.0098	0.0106	0.1777	234.150	0.688	42.537	17.412
28/12/2019	02:00:00	9.741	0.4258	0.0005	0.0081	0.0086	0.1140	241.250	0.791	44.184	16.988
28/12/2019	03:00:00	10.581	0.4288	0.0006	0.0074	0.0080	0.2227	241.610	0.826	46.316	16.796
28/12/2019	04:00:00	11.757	0.4197	0.0000	0.0062	0.0061	0.0572	238.970	0.691	50.227	16.235
28/12/2019	05:00:00	12.099	0.4258	0.0000	0.0058	0.0056	0.2513	248.010	0.712	55.083	15.907
28/12/2019	06:00:00	11.671	0.3970	0.0000	0.0051	0.0051	0.1365	236.150	0.803	58.701	15.904
28/12/2019	07:00:00	11.060	0.4282	0.0000	0.0058	0.0057	0.0604	237.620	0.896	61.478	15.838
28/12/2019	08:00:00	9.522	0.4765	0.0008	0.0089	0.0097	0.3635	234.560	0.815	64.479	15.533
28/12/2019	09:00:00	8.955	0.5218	0.0028	0.0096	0.0124	0.3830	237.190	0.892	59.165	16.214
28/12/2019	10:00:00	9.255	0.5136	0.0040	0.0083	0.0123	0.3835	237.550	1.055	52.271	17.269
28/12/2019	11:00:00	10.431	0.4824	0.0036	0.0073	0.0109	0.2486	231.710	1.084	51.543	17.762
28/12/2019	12:00:00	10.753	0.4741	0.0038	0.0078	0.0116	0.2712	232.760	0.982	50.264	18.568
28/12/2019	13:00:00	12.101	0.4142	0.0031	0.0063	0.0094	0.3396	228.740	1.231	42.918	20.486
28/12/2019	14:00:00	11.933	0.4149	0.0029	0.0062	0.0091	0.2635	246.250	1.094	37.753	21.787
28/12/2019	15:00:00	11.955	0.4224	0.0028	0.0071	0.0099	0.3063	254.510	0.937	41.262	21.179
28/12/2019	16:00:00	12.464	0.4060	0.0013	0.0061	0.0074	0.2015	281.880	0.930	44.746	20.721
28/12/2019	17:00:00	13.004	0.3853	0.0013	0.0058	0.0071	0.3052	272.250	0.948	45.292	19.679
28/12/2019	18:00:00	12.097	0.4204	0.0013	0.0060	0.0073	0.1769	260.780	1.006	45.772	18.621
28/12/2019	19:00:00	10.658	0.4575	0.0018	0.0081	0.0099	0.5112	251.140	0.919	41.539	18.352
28/12/2019	20:00:00	10.698	0.5073	0.0019	0.0103	0.0121	0.6770	248.440	0.815	40.587	17.908
28/12/2019	21:00:00	10.934	0.4951	0.0017	0.0112	0.0130	0.1953	244.590	0.825	41.025	17.512
28/12/2019	22:00:00	9.978	0.5531	0.0018	0.0130	0.0149	0.1228	245.300	0.737	42.930	16.960
28/12/2019	23:00:00	12.969	0.4122	0.0007	0.0077	0.0084	0.1817	227.350	0.972	44.735	16.449

PROMEDIO 24 HORAS	10.886	0.452	0.002	0.008	0.010	0.25
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	29/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

								DATOS METEOROLÓGICOS			
Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	WD	WS	HR	TEMP
29/12/2019	00:00:00	14.573	0.2054	0.0006	0.0058	0.0064	0.2643	229.370	0.992	46.507	15.819
29/12/2019	01:00:00	14.794	0.2334	0.0005	0.0058	0.0062	0.1815	238.630	1.017	48.052	15.374
29/12/2019	02:00:00	15.037	0.2049	CAL	CAL	CAL	CAL	233.370	1.126	49.534	14.838
29/12/2019	03:00:00	CAL	0.2061	0.0001	0.0041	0.0042	0.1724	234.280	1.117	51.433	14.628
29/12/2019	04:00:00	14.179	0.1669	0.0000	0.0033	0.0030	0.0512	229.230	1.040	54.445	14.265
29/12/2019	05:00:00	14.949	0.1928	0.0000	0.0030	0.0030	0.0820	230.470	0.933	56.289	13.942
29/12/2019	06:00:00	14.256	0.1720	0.0000	0.0028	0.0025	0.0690	243.830	0.704	57.245	13.850
29/12/2019	07:00:00	13.464	0.1945	0.0000	0.0040	0.0040	0.2026	220.780	0.604	58.915	13.596
29/12/2019	08:00:00	12.702	0.2002	0.0001	0.0047	0.0048	0.3074	258.770	0.670	59.965	13.522
29/12/2019	09:00:00	11.447	0.1827	0.0009	0.0054	0.0062	0.1863	176.230	0.488	57.424	14.351
29/12/2019	10:00:00	10.725	0.2001	0.0021	0.0051	0.0072	0.2065	222.160	0.971	55.080	15.361
29/12/2019	11:00:00	11.248	0.1920	0.0019	0.0047	0.0067	0.2093	236.030	0.956	51.429	16.747
29/12/2019	12:00:00	13.231	0.1765	0.0021	0.0046	0.0067	0.1696	237.240	1.043	44.529	18.395
29/12/2019	13:00:00	15.024	0.1878	0.0026	0.0051	0.0077	0.2261	238.460	1.052	37.858	20.037
29/12/2019	14:00:00	16.297	0.1525	0.0013	0.0044	0.0057	0.4994	234.540	1.221	34.550	20.832
29/12/2019	15:00:00	16.878	0.1513	0.0009	0.0047	0.0056	0.3342	233.570	1.067	31.681	21.431
29/12/2019	16:00:00	17.805	0.1584	0.0011	0.0043	0.0054	0.2487	224.780	1.003	29.098	21.360
29/12/2019	17:00:00	16.836	0.1921	0.0013	0.0068	0.0081	0.1771	238.480	0.780	29.747	20.916
29/12/2019	18:00:00	15.064	0.2601	0.0010	0.0090	0.0100	0.3588	233.880	0.717	33.463	20.212
29/12/2019	19:00:00	12.545	0.4325	0.0011	0.0125	0.0136	0.2798	241.110	0.632	35.569	19.518
29/12/2019	20:00:00	11.521	0.3515	0.0012	0.0136	0.0148	0.3984	240.480	0.595	36.664	18.821
29/12/2019	21:00:00	9.063	0.4323	0.0020	0.0166	0.0186	0.3702	233.770	0.507	39.807	18.218
29/12/2019	22:00:00	11.406	0.2929	0.0008	0.0111	0.0119	0.3827	191.640	0.468	42.218	17.999
29/12/2019	23:00:00	4.320	0.5978	0.0033	0.0265	0.0298	0.4412	84.520	0.445	42.522	17.465

PROMEDIO 24 HORAS	13.364	0.239	0.001	0.007	0.008	0.25
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	30/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
30/12/2019	00:00:00	1.381	0.8451	0.0059	0.0271	0.0330	0.7704	256.340	0.475	45.173	16.785
30/12/2019	01:00:00	4.286	0.6104	0.0007	0.0186	0.0193	0.6117	228.300	0.304	48.162	16.622
30/12/2019	02:00:00	5.019	0.5027	0.0006	0.0158	0.0165	0.4104	236.550	0.308	51.901	15.955
30/12/2019	03:00:00	5.900	0.4405	0.0003	0.0124	0.0127	0.3223	273.090	0.336	55.437	15.162
30/12/2019	04:00:00	6.119	0.4474	0.0000	0.0110	0.0109	0.2256	210.460	0.280	57.502	14.807
30/12/2019	05:00:00	4.151	0.4565	0.0002	0.0134	0.0136	0.2502	200.420	0.296	62.515	13.804
30/12/2019	06:00:00	2.206	0.6342	0.0027	0.0178	0.0205	0.3416	208.810	0.392	65.202	12.902
30/12/2019	07:00:00	0.836	0.7381	0.0054	0.0207	0.0262	0.3985	292.870	0.417	65.615	11.834
30/12/2019	08:00:00	1.315	0.6822	0.0120	0.0194	0.0314	0.8791	263.060	0.380	67.801	12.078
30/12/2019	09:00:00	4.305	0.5858	0.0081	0.0147	0.0228	0.7004	283.820	0.416	64.806	13.193
30/12/2019	10:00:00	7.435	0.6794	0.0087	0.0150	0.0237	0.9857	181.760	0.367	64.463	14.564
30/12/2019	11:00:00	10.351	0.7782	0.0164	0.0233	0.0397	3.2012	112.750	0.422	54.182	16.484
30/12/2019	12:00:00	12.760	0.6781	0.0143	0.0222	0.0365	1.9688	121.790	0.559	52.583	17.919
30/12/2019	13:00:00	17.823	0.5085	0.0067	0.0156	0.0223	1.8452	157.170	0.521	47.944	19.428
30/12/2019	14:00:00	19.749	0.4472	0.0032	0.0125	0.0157	1.5382	142.030	0.520	43.829	20.442
30/12/2019	15:00:00	20.717	0.4528	0.0021	0.0115	0.0135	1.0524	59.985	0.805	47.312	20.257
30/12/2019	16:00:00	18.155	0.4673	0.0020	0.0109	0.0129	0.6293	83.829	0.900	52.495	19.712
30/12/2019	17:00:00	12.088	0.5903	0.0056	0.0143	0.0199	0.6647	111.270	0.891	59.104	18.342
30/12/2019	18:00:00	9.601	0.5872	0.0035	0.0146	0.0181	0.5110	117.570	0.753	69.831	16.071
30/12/2019	19:00:00	6.475	0.6578	0.0030	0.0177	0.0206	0.4537	123.940	0.738	81.254	14.023
30/12/2019	20:00:00	6.142	0.6853	0.0025	0.0174	0.0199	0.4565	112.850	0.696	83.930	13.280
30/12/2019	21:00:00	9.854	0.5909	0.0009	0.0141	0.0151	0.3621	100.350	0.730	85.386	12.801
30/12/2019	22:00:00	9.966	0.5645	0.0006	0.0145	0.0152	0.3715	104.490	0.769	85.615	12.683
30/12/2019	23:00:00	9.568	0.5197	0.0004	0.0146	0.0150	0.7144	90.439	0.702	85.282	12.686

PROMEDIO 24 HORAS	8.592	0.590	0.004	0.016	0.021	0.82
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF)	95 PPB
CO	NOM-021-SSA1-1993 (DOF)	11 PPM
NO2	NOM-023-SSA1-1993(DOF)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	IPAC
Fecha:	31/12/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	DATOS METEOROLÓGICOS			
								WD	WS	HR	TEMP
31/12/2019	00:00:00	1.381	0.8451	0.0059	0.0271	0.0330	0.7704	256.340	0.475	45.173	16.785
31/12/2019	01:00:00	4.286	0.6104	0.0007	0.0186	0.0193	0.6117	228.300	0.304	48.162	16.622
31/12/2019	02:00:00	5.019	0.5027	0.0006	0.0158	0.0165	0.4104	236.550	0.308	51.901	15.955
31/12/2019	03:00:00	5.900	0.4405	0.0003	0.0124	0.0127	0.3223	273.090	0.336	55.437	15.162
31/12/2019	04:00:00	6.119	0.4474	0.0000	0.0110	0.0109	0.2256	210.460	0.280	57.502	14.807
31/12/2019	05:00:00	4.151	0.4565	0.0002	0.0134	0.0136	0.2502	200.420	0.296	62.515	13.804
31/12/2019	06:00:00	2.206	0.6342	0.0027	0.0178	0.0205	0.3416	208.810	0.392	65.202	12.902
31/12/2019	07:00:00	0.836	0.7381	0.0054	0.0207	0.0262	0.3985	292.870	0.417	65.615	11.834
31/12/2019	08:00:00	1.315	0.6822	0.0120	0.0194	0.0314	0.8791	263.060	0.380	67.801	12.078
31/12/2019	09:00:00	4.305	0.5858	0.0081	0.0147	0.0228	0.7004	283.820	0.416	64.806	13.193
31/12/2019	10:00:00	7.435	0.6794	0.0087	0.0150	0.0237	0.9857	181.760	0.367	64.463	14.564
31/12/2019	11:00:00	10.351	0.7782	0.0164	0.0233	0.0397	3.2012	112.750	0.422	54.182	16.484
31/12/2019	12:00:00	12.760	0.6781	0.0143	0.0222	0.0365	1.9688	121.790	0.559	52.583	17.919
31/12/2019	13:00:00	17.823	0.5085	0.0067	0.0156	0.0223	1.8452	157.170	0.521	47.944	19.428
31/12/2019	14:00:00	19.749	0.4472	0.0032	0.0125	0.0157	1.5382	142.030	0.520	43.829	20.442
31/12/2019	15:00:00	20.717	0.4528	0.0021	0.0115	0.0135	1.0524	59.985	0.805	47.312	20.257
31/12/2019	16:00:00	18.155	0.4673	0.0020	0.0109	0.0129	0.6293	83.829	0.900	52.495	19.712
31/12/2019	17:00:00	12.088	0.5903	0.0056	0.0143	0.0199	0.6647	111.270	0.891	59.104	18.342
31/12/2019	18:00:00	9.601	0.5872	0.0035	0.0146	0.0181	0.5110	117.570	0.753	69.831	16.071
31/12/2019	19:00:00	6.475	0.6578	0.0030	0.0177	0.0206	0.4537	123.940	0.738	81.254	14.023
31/12/2019	20:00:00	6.142	0.6853	0.0025	0.0174	0.0199	0.4565	112.850	0.696	83.930	13.280
31/12/2019	21:00:00	9.854	0.5909	0.0009	0.0141	0.0151	0.3621	100.350	0.730	85.386	12.801
31/12/2019	22:00:00	9.966	0.5645	0.0006	0.0145	0.0152	0.3715	104.490	0.769	85.615	12.683
31/12/2019	23:00:00	9.568	0.5197	0.0004	0.0146	0.0150	0.7144	90.439	0.702	85.282	12.686

PROMEDIO 24 HORAS	8.592	0.590	0.004	0.016	0.021	0.82
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	0.21	NAN	110

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF	95 PPB
CO	NOM-021-SSA1-1993 (DOF	11 PPM
NO2	NOM-023-SSA1-1993(DOF	210 PPB
SO2	NOM-022-SSA1-2010 (DOF	110 PPB
PM10	NOM-025-SSA1-2014 (DOF	75 µg/m <sup>3</sup>