

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/02/2019

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	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
01/02/2019	01:00:00	22.931	DI	0.5595	6.499	7.060	5.9861	0.0164	233.640	3.648	26.542	14.893	608.300	2.144	0.000
01/02/2019	02:00:00	23.182	DI	0.3398	5.193	5.531	5.2666	0.0164	224.660	2.661	28.920	14.162	608.300	2.081	0.000
01/02/2019	03:00:00	11.290	DI	2.4344	19.107	21.460	5.4515	0.0141	137.080	0.511	32.398	12.396	608.250	2.099	0.000
01/02/2019	04:00:00	15.823	DI	2.2155	12.977	14.999	6.1391	0.0334	200.790	0.889	31.779	12.819	608.210	2.034	0.000
01/02/2019	05:00:00	23.092	DI	0.2404	4.499	4.739	5.4472	0.0217	227.410	1.241	35.726	12.748	608.250	2.031	0.000
01/02/2019	06:00:00	18.544	DI	0.4633	10.588	11.035	5.1758	0.0098	225.210	1.699	43.285	12.432	608.380	2.157	0.000
01/02/2019	07:00:00	1.907	DI	34.2350	30.346	64.598	6.9275	0.0211	22.222	0.402	43.010	9.394	608.840	2.143	0.000
01/02/2019	08:00:00	2.030	0.0000	106.1200	30.215	136.300	8.0532	0.0798	148.480	0.031	46.602	9.304	609.370	30.720	0.000
01/02/2019	09:00:00	3.441	0.0000	106.9800	37.571	144.580	8.8811	0.1127	80.301	0.000	38.866	12.085	609.800	217.390	0.000
01/02/2019	10:00:00	5.863	0.0000	139.5500	61.212	200.940	9.9083	0.1355	86.359	0.134	35.224	15.966	610.100	412.230	0.000
01/02/2019	11:00:00	17.341	0.0000	34.4700	40.657	75.460	8.1714	0.1726	162.210	1.008	38.784	17.554	610.220	591.160	0.000
01/02/2019	12:00:00	27.648	DI	2.3628	6.095	8.450	6.1055	0.1040	226.720	3.939	34.743	18.863	609.890	725.520	0.000
01/02/2019	13:00:00	30.084	DI	2.0557	5.651	7.712	5.7538	0.0340	223.410	3.015	29.155	20.363	609.390	788.650	0.000
01/02/2019	14:00:00	30.518	DI	2.2814	6.379	8.666	5.6633	0.0322	210.640	3.107	25.095	21.839	608.540	780.960	0.000
01/02/2019	15:00:00	31.048	DI	1.8010	5.139	6.959	5.3355	0.0345	203.460	2.857	22.824	22.615	607.780	704.720	0.000
01/02/2019	16:00:00	31.073	DI	1.6489	5.450	7.092	5.3449	0.0228	227.460	2.764	16.542	23.688	607.300	574.890	0.000
01/02/2019	17:00:00	31.593	DI	1.9190	6.060	7.984	5.4424	0.0148	244.120	2.753	15.946	24.123	607.170	390.890	0.000
01/02/2019	18:00:00	30.038	DI	1.7998	8.509	10.271	5.8699	0.0147	247.680	2.257	15.261	23.762	607.270	150.490	0.000
01/02/2019	19:00:00	23.163	DI	2.3486	21.525	23.934	5.4703	0.0190	242.150	2.221	17.733	22.342	607.370	13.033	0.000
01/02/2019	20:00:00	9.206	0.0000	8.8449	37.955	46.813	5.5155	0.0316	247.360	1.580	18.943	20.840	607.820	2.228	0.000
01/02/2019	21:00:00	6.951	0.0000	13.8920	38.229	52.137	5.7629	0.0394	237.690	1.559	18.856	19.434	608.320	2.191	0.000
01/02/2019	22:00:00	3.157	0.0000	40.8330	40.793	81.915	5.9110	0.0469	187.310	1.138	24.214	17.920	608.760	2.259	0.000
01/02/2019	23:00:00	2.213	0.0000	55.2550	44.694	99.882	6.3978	0.0652	198.130	0.468	32.641	17.283	609.160	2.225	0.000

PROMEDIO 24 HORAS	17.484	0.00000	24.4630	21.102	45.588	6.26	0.0475
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	02/02/2019

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	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
02/02/2019	00:00:00	13.842	DI	3.2831	21.351	24.704	5.4648	0.0726	236.280	1.331	26.736	16.662	609.370	2.173	0.000
02/02/2019	01:00:00	21.448	0.3946	0.6697	14.029	14.725	5.3428	0.0312	186.830	1.086	27.212	16.660	609.000	2.149	0.000
02/02/2019	02:00:00	12.171	1.6066	3.0789	28.914	31.915	6.3005	0.0276	115.180	0.527	32.586	15.189	608.770	2.196	0.000
02/02/2019	03:00:00	2.529	1.3905	16.7180	38.222	54.927	8.8119	0.0422	76.868	0.190	48.915	13.600	608.660	2.161	0.000
02/02/2019	04:00:00	2.825	1.3882	26.6190	35.346	61.876	8.7372	0.0870	60.282	0.397	52.926	12.168	608.490	2.037	0.000
02/02/2019	05:00:00	6.299	1.0696	3.7225	25.037	28.793	8.0794	0.1174	80.175	0.699	71.132	10.277	608.710	2.161	0.000
02/02/2019	06:00:00	4.741	0.8196	2.1320	26.303	28.445	7.3070	0.1018	303.830	0.407	88.784	9.411	608.990	2.039	0.000
02/02/2019	07:00:00	6.430	1.1486	9.1841	22.853	31.991	6.7705	0.1039	290.620	1.207	94.202	8.848	609.370	2.052	0.000
02/02/2019	08:00:00	8.154	0.8682	4.5866	17.104	21.766	6.7544	0.0466	62.380	0.334	100.000	6.703	609.750	20.558	0.000
02/02/2019	09:00:00	6.604	1.5363	17.7500	18.376	36.113	6.6672	0.0506	56.921	0.290	99.661	7.615	609.870	206.640	0.000
02/02/2019	10:00:00	12.544	1.6978	20.4570	23.565	44.155	7.1901	0.1386	70.949	0.903	71.361	12.354	610.300	405.230	0.000
02/02/2019	11:00:00	24.008	1.3547	7.1213	17.030	24.162	7.4658	0.1526	77.824	1.166	51.552	15.867	610.290	552.860	0.000
02/02/2019	12:00:00	26.297	1.4835	14.4920	29.041	43.520	8.6929	0.0942	93.125	1.189	40.909	19.098	609.760	711.640	0.000
02/02/2019	13:00:00	33.960	1.2960	5.6105	14.962	20.525	8.7235	0.1138	155.500	1.790	27.556	22.075	608.780	780.760	0.000
02/02/2019	14:00:00	31.985	1.2833	2.0552	6.549	8.606	6.9951	0.0667	192.730	3.164	20.083	23.671	607.700	773.790	0.000
02/02/2019	15:00:00	32.850	1.3956	1.8539	6.362	8.230	6.3909	0.0269	186.990	3.060	17.719	24.576	606.810	705.450	0.000
02/02/2019	16:00:00	32.819	1.0864	1.6627	6.020	7.691	6.5418	0.0251	188.450	2.886	14.805	25.399	606.180	575.360	0.000
02/02/2019	17:00:00	32.422	1.2686	1.7294	6.911	8.622	6.3010	0.0174	221.310	2.719	11.663	25.976	606.070	390.020	0.000
02/02/2019	18:00:00	31.984	1.1877	1.3962	7.611	8.933	6.6647	0.0167	222.500	2.059	12.440	25.892	606.110	181.670	0.000
02/02/2019	19:00:00	24.051	1.8909	1.3271	16.752	17.992	6.7697	0.0183	265.580	1.353	13.185	24.357	606.300	18.154	0.000
02/02/2019	20:00:00	12.276	2.2269	11.5830	32.907	44.377	10.5530	0.0289	151.570	2.005	28.236	21.420	606.790	2.263	0.000
02/02/2019	21:00:00	14.102	2.1336	2.1733	31.439	33.604	9.9654	0.0666	125.190	1.864	43.583	19.179	607.480	2.316	0.000
02/02/2019	22:00:00	12.271	2.0087	1.6398	32.126	33.751	7.3921	0.0538	123.070	1.885	45.260	18.207	607.870	2.269	0.000
02/02/2019	23:00:00	4.272	1.7713	9.5181	42.243	51.718	7.1416	0.0615	151.630	0.707	46.820	17.445	608.020	2.241	0.000

PROMEDIO 24 HORAS	17.120	1.40466	7.0985	21.711	28.798	7.38	0.0651
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	03/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
03/02/2019	00:00:00	1.548	2.6559	30.6040	39.762	70.543	7.4861	0.0575	225.550	0.255	46.543	15.992	608.090	2.254	0.000
03/02/2019	01:00:00	CAL	0.2192	45.0350	34.552	79.547	7.6549	0.0890	301.530	0.411	51.245	14.217	608.100	2.094	0.000
03/02/2019	02:00:00	5.914	0.0000	CAL	CAL	CAL	7.5645	0.1203	295.470	0.384	51.231	13.552	608.020	2.063	0.000
03/02/2019	03:00:00	4.714	CAL	14.8850	29.617	44.791	8.2288	0.0711	311.520	0.550	51.574	12.707	607.870	2.099	0.000
03/02/2019	04:00:00	7.290	0.0000	6.5544	23.922	30.524	AE	0.0748	271.350	0.062	51.323	12.177	607.650	2.150	0.000
03/02/2019	05:00:00	6.738	0.0000	6.5365	24.561	31.214	7.1601	0.0624	213.490	0.020	52.686	11.215	607.680	2.162	0.000
03/02/2019	06:00:00	2.690	0.0000	14.5030	26.254	40.789	7.3972	0.0522	354.340	0.000	52.645	10.396	607.740	2.124	0.000
03/02/2019	07:00:00	1.723	0.0000	43.3590	26.430	69.863	7.5766	0.0635	352.920	0.000	49.076	10.331	607.830	2.170	0.000
03/02/2019	08:00:00	1.755	0.0000	88.5420	27.686	115.990	8.1208	0.0553	228.330	0.000	52.858	9.730	608.310	33.498	0.000
03/02/2019	09:00:00	4.376	0.0000	54.4320	33.809	88.132	8.0647	0.0828	163.570	0.000	55.579	11.613	608.710	212.550	0.000
03/02/2019	10:00:00	14.669	0.0000	18.3530	26.941	45.139	8.6313	0.1533	38.463	0.831	43.514	14.192	608.950	335.120	0.000
03/02/2019	11:00:00	27.632	0.0000	13.3220	33.558	46.900	9.3211	0.1472	108.650	0.393	34.857	18.259	608.880	589.930	0.000
03/02/2019	12:00:00	33.242	0.0000	4.3375	12.987	17.282	7.7373	0.1689	184.330	1.967	21.156	22.249	608.310	710.330	0.000
03/02/2019	13:00:00	34.167	0.0000	1.7896	6.368	8.156	6.8269	0.0511	223.940	3.674	17.232	23.997	607.480	801.810	0.000
03/02/2019	14:00:00	34.870	0.0000	1.5843	5.566	7.160	7.0355	0.0303	231.400	3.363	15.272	25.284	606.670	777.440	0.000
03/02/2019	15:00:00	35.532	0.0000	1.1209	4.780	5.901	6.6711	0.0178	215.070	2.150	14.623	26.515	605.820	709.890	0.000
03/02/2019	16:00:00	35.353	0.0000	1.0396	4.564	5.592	6.5373	0.0190	235.130	2.234	13.319	27.350	605.230	548.510	0.000
03/02/2019	17:00:00	31.990	0.0000	1.4167	6.313	7.723	6.6004	0.0187	233.960	3.234	12.384	26.961	605.210	331.320	0.000
03/02/2019	18:00:00	30.830	0.0000	1.4099	9.384	10.800	6.6759	0.0206	239.700	2.636	13.319	25.949	605.410	83.540	0.000
03/02/2019	19:00:00	31.766	0.0000	0.8320	10.201	11.021	7.4355	0.0229	272.300	2.751	15.699	24.898	605.680	21.539	0.000
03/02/2019	20:00:00	26.328	0.0000	0.8063	15.366	16.199	21.2790	0.0373	268.980	2.295	17.796	23.219	605.990	2.068	0.000
03/02/2019	21:00:00	19.462	0.0000	2.2804	21.306	23.527	21.0980	0.0448	240.390	2.342	18.955	21.850	606.440	2.118	0.000
03/02/2019	22:00:00	21.697	0.0000	1.8880	14.943	16.827	6.9594	0.0392	231.680	2.887	19.536	21.075	606.600	2.077	0.000
03/02/2019	23:00:00	23.550	0.0000	0.9944	12.674	13.672	6.7082	0.0334	183.720	1.445	21.560	20.354	607.020	2.059	0.000

PROMEDIO 24 HORAS	19.036	0.12500	15.4620	19.632	35.100	8.64	0.0639
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	04/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
04/02/2019	00:00:00	23.611	0.0000	0.5846	13.568	14.170	6.8808	0.0264	207.610	1.022	25.499	19.466	607.300	2.059	0.000
04/02/2019	01:00:00	28.194	0.6683	0.4236	8.405	8.831	6.7233	0.0278	245.710	2.384	28.012	18.478	607.380	2.026	0.000
04/02/2019	02:00:00	33.380	1.0038	0.1478	5.873	6.019	5.8057	0.0232	255.380	2.681	27.927	18.249	607.370	2.092	0.000
04/02/2019	03:00:00	31.515	0.8891	0.1682	6.662	6.830	5.9498	0.0247	261.490	1.281	29.623	17.192	607.240	2.011	0.000
04/02/2019	04:00:00	16.658	0.8707	0.1567	13.029	13.217	6.4003	0.0312	274.270	1.006	34.215	14.634	606.970	2.062	0.000
04/02/2019	05:00:00	6.731	1.2972	1.2369	24.649	25.897	6.5498	0.0673	122.630	0.142	35.936	14.649	607.320	2.058	0.000
04/02/2019	06:00:00	5.873	1.0559	7.2700	30.728	37.907	7.6179	0.0665	69.379	0.499	37.746	14.627	606.940	2.059	0.000
04/02/2019	07:00:00	2.057	1.2528	32.1160	35.678	67.782	7.5017	0.0554	288.480	0.539	40.419	13.629	607.420	2.069	0.000
04/02/2019	08:00:00	17.075	0.9304	1.8282	18.257	20.028	7.1962	0.0789	245.330	1.464	35.242	14.404	608.150	37.102	0.000
04/02/2019	09:00:00	23.523	1.3384	8.1556	19.877	28.225	6.1475	0.0399	155.240	1.293	31.620	16.476	608.500	167.630	0.000
04/02/2019	10:00:00	15.911	1.7229	25.8180	37.051	62.925	7.2468	0.0613	83.773	0.386	30.527	18.851	608.800	419.210	0.000
04/02/2019	11:00:00	25.946	1.2973	12.2000	24.973	37.322	7.1718	0.1652	190.970	0.852	22.361	21.449	609.040	605.310	0.000
04/02/2019	12:00:00	30.182	1.0003	2.3460	6.286	8.681	5.8955	0.0677	282.480	1.894	16.667	22.860	608.650	741.400	0.000
04/02/2019	13:00:00	30.551	0.9352	1.9852	5.584	7.568	5.7265	0.0206	224.370	2.247	15.693	24.074	608.010	799.170	0.000
04/02/2019	14:00:00	32.440	0.9402	1.3910	4.281	5.685	5.7838	0.0189	214.000	1.583	14.344	25.147	607.250	792.730	0.000
04/02/2019	15:00:00	34.149	0.7595	0.9475	3.504	4.463	5.9818	0.0125	260.350	1.519	13.305	26.022	606.570	717.950	0.000
04/02/2019	16:00:00	33.463	0.6640	1.0304	4.563	5.582	6.2548	0.0104	228.650	2.170	11.024	26.789	605.990	524.980	0.000
04/02/2019	17:00:00	31.819	0.8518	1.0538	4.580	5.634	5.6825	0.0116	207.830	2.782	9.711	27.104	605.740	399.910	0.000
04/02/2019	18:00:00	30.893	0.7293	0.9231	6.293	7.218	5.3588	0.0199	217.860	2.512	10.046	26.916	605.730	189.200	0.000
04/02/2019	19:00:00	21.608	1.0154	1.7848	20.129	21.885	5.4933	0.0111	234.940	1.152	11.896	25.652	605.790	20.243	0.000
04/02/2019	20:00:00	3.297	2.2497	44.3870	40.720	84.965	6.7191	0.0221	298.140	0.673	15.516	23.234	606.240	2.127	0.000
04/02/2019	21:00:00	4.556	1.6252	17.0430	37.712	54.738	7.5960	0.1001	177.160	0.942	19.314	21.810	606.820	2.148	0.000
04/02/2019	22:00:00	9.284	1.3938	7.8380	38.419	46.228	6.1595	0.0754	78.715	1.406	30.652	20.431	607.090	2.157	0.000
04/02/2019	23:00:00	1.626	1.7246	49.4720	45.732	95.095	7.1775	0.0607	154.390	0.156	33.978	18.943	607.150	2.169	0.000

PROMEDIO 24 HORAS	20.598	1.09232	9.1795	19.023	28.204	6.46	0.0458
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1993)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1993)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	05/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
05/02/2019	00:00:00	2.963	1.2403	10.6890	35.193	46.036	6.9051	0.0913	267.530	0.559	29.848	17.794	607.340	2.187	0.000
05/02/2019	01:00:00	11.804	0.1133	1.1143	21.744	22.805	6.9999	0.0585	256.630	0.858	32.453	16.873	607.610	2.120	0.000
05/02/2019	02:00:00	17.350	0.0000	0.7742	16.334	17.067	6.4245	0.0426	209.000	0.901	30.136	16.182	607.920	2.116	0.000
05/02/2019	03:00:00	12.727	0.0000	0.8000	18.669	19.447	6.6962	0.0363	308.430	0.671	53.093	14.080	608.080	2.113	0.000
05/02/2019	04:00:00	16.354	0.0000	0.3334	11.485	11.853	6.3472	0.0469	321.340	0.314	79.541	13.357	608.140	2.141	0.000
05/02/2019	05:00:00	13.990	0.0000	0.2292	12.830	13.044	6.3065	0.0411	302.120	0.466	82.632	12.436	608.160	2.132	0.000
05/02/2019	06:00:00	6.195	0.0000	11.7060	24.909	36.696	6.3044	0.0466	310.910	0.000	65.680	11.694	608.330	2.113	0.000
05/02/2019	07:00:00	0.949	0.0000	36.3370	30.914	67.246	6.8238	0.0726	129.690	0.000	61.861	10.911	608.840	2.184	0.000
05/02/2019	08:00:00	1.038	1.6420	124.1300	30.530	154.580	7.5420	0.0927	47.924	0.000	71.358	11.067	609.390	36.412	0.000
05/02/2019	09:00:00	1.446	2.1165	165.7100	42.896	208.560	8.9176	0.1705	62.925	0.000	59.870	14.706	609.540	227.400	0.000
05/02/2019	10:00:00	11.426	0.4918	31.8170	29.342	60.999	8.6517	0.2164	223.320	0.000	37.432	18.489	609.770	435.330	0.000
05/02/2019	11:00:00	22.761	0.0000	5.7343	11.675	17.422	7.4907	0.0684	245.120	0.911	26.148	20.859	609.870	602.560	0.000
05/02/2019	12:00:00	24.982	0.0000	2.1060	5.320	7.414	6.4879	0.0440	147.050	1.464	21.402	22.612	609.660	718.890	0.000
05/02/2019	13:00:00	26.696	0.0000	1.0609	3.042	4.108	6.2439	0.0356	186.450	1.106	19.230	23.883	609.050	799.100	0.000
05/02/2019	14:00:00	27.874	0.0000	1.0665	3.787	4.857	6.2339	0.0214	176.170	1.093	17.377	25.261	608.290	795.510	0.000
05/02/2019	15:00:00	29.302	0.0000	0.8751	3.409	4.281	6.9005	0.0265	238.240	0.928	16.089	26.463	607.480	704.720	0.000
05/02/2019	16:00:00	29.355	0.0000	1.0162	3.968	4.980	7.5126	0.0219	195.030	1.324	14.608	27.412	606.780	563.130	0.000
05/02/2019	17:00:00	29.896	0.0000	1.1572	4.857	6.002	6.9644	0.0132	221.250	1.427	13.811	27.467	606.460	382.410	0.000
05/02/2019	18:00:00	27.949	0.0000	1.2685	7.682	8.969	6.5605	0.0123	115.560	0.994	14.326	27.127	606.470	162.550	0.000
05/02/2019	19:00:00	14.149	0.1899	9.8765	27.745	37.877	6.5586	0.0220	54.933	1.051	16.947	25.477	606.620	16.039	0.000
05/02/2019	20:00:00	2.199	1.1114	49.7430	40.893	90.256	7.3157	0.0595	111.530	0.918	19.605	23.872	606.990	2.089	0.000
05/02/2019	21:00:00	6.820	0.3376	9.7689	34.913	44.694	8.0943	0.1102	123.030	1.585	30.620	22.430	607.400	2.243	0.000
05/02/2019	22:00:00	2.209	0.6166	33.1500	38.879	72.299	7.0870	0.0627	177.380	0.637	33.282	21.323	607.820	2.216	0.000
05/02/2019	23:00:00	4.068	0.1855	11.4710	32.188	43.570	7.5041	0.0809	226.420	0.997	27.393	19.426	608.110	2.179	0.000

PROMEDIO 24 HORAS	14.354	0.33520	21.3306	20.550	41.878	7.04	0.0622
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	06/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
06/02/2019	00:00:00	4.285	0.4954	28.3790	32.891	61.267	7.5335	0.0455	236.300	0.118	29.616	18.435	608.240	2.103	0.000
06/02/2019	01:00:00	3.067	1.3683	16.0550	33.659	49.710	8.0741	0.0504	285.700	0.114	32.050	17.928	608.330	2.160	0.000
06/02/2019	02:00:00	3.599	1.3140	21.8840	29.537	51.587	7.8310	0.0558	207.320	0.720	38.512	16.398	608.340	2.167	0.000
06/02/2019	03:00:00	8.093	0.9693	1.5173	21.756	23.228	6.9229	0.0651	303.050	0.440	40.216	15.594	608.270	2.056	0.000
06/02/2019	04:00:00	11.906	0.8208	0.7328	16.389	17.026	7.3700	0.0375	230.730	0.743	40.586	15.754	608.120	2.137	0.000
06/02/2019	05:00:00	19.225	1.0477	0.3441	9.230	9.580	8.8016	0.0338	237.840	0.348	40.904	15.367	608.000	2.018	0.000
06/02/2019	06:00:00	8.232	0.8923	9.7522	23.051	32.932	8.2653	0.0200	210.950	0.034	43.801	14.331	608.210	2.063	0.000
06/02/2019	07:00:00	2.107	1.8241	80.4040	30.241	110.340	8.2576	0.0384	154.530	0.190	47.884	13.368	608.480	2.188	0.000
06/02/2019	08:00:00	1.750	2.5626	106.6100	31.334	137.760	8.8002	0.0824	146.760	0.234	55.731	12.192	608.890	41.046	0.000
06/02/2019	09:00:00	4.994	1.7829	34.7640	31.432	66.079	9.5972	0.2073	292.990	0.215	42.979	14.359	609.150	214.780	0.000
06/02/2019	10:00:00	20.791	1.6385	15.6360	28.105	43.811	9.2619	0.1079	177.770	1.145	29.647	19.923	609.220	421.100	0.000
06/02/2019	11:00:00	23.596	2.1256	31.0140	54.934	85.859	10.3280	0.0922	145.530	1.833	27.480	22.292	609.260	596.150	0.000
06/02/2019	12:00:00	45.345	1.1394	1.4787	8.225	9.703	7.2909	0.1721	240.150	2.640	22.025	24.615	608.870	724.620	0.000
06/02/2019	13:00:00	15.683	1.8367	14.5310	32.811	47.474	8.1381	0.0519	171.120	2.028	20.836	26.126	608.170	789.980	0.000
06/02/2019	14:00:00	8.265	1.5689	11.5430	30.081	41.370	8.2516	0.0570	117.980	2.091	19.318	27.208	607.410	768.310	0.000
06/02/2019	15:00:00	AE	AE	4.8425	18.769	23.623	AE	0.0747	118.450	1.665	17.653	28.461	606.550	694.380	0.000
06/02/2019	16:00:00	AE	AE	4.3118	15.696	20.054	AE	0.0739	97.413	1.649	15.565	29.186	605.830	562.550	0.000
06/02/2019	17:00:00	8.849	0.6673	2.3242	15.592	17.905	AE	0.0573	225.920	1.349	13.727	29.774	605.350	371.880	0.000
06/02/2019	18:00:00	13.945	0.3253	AE	AE	AE	AE	0.0420	241.340	3.388	14.128	29.501	605.390	171.420	0.000
06/02/2019	19:00:00	14.550	0.4392	2.6142	26.134	28.818	1.6150	0.9570	244.480	3.566	13.465	27.759	605.690	20.162	0.000
06/02/2019	20:00:00	7.468	0.5566	5.5915	37.611	43.121	1.4915	0.0534	238.560	2.749	16.168	25.872	606.050	2.178	0.000
06/02/2019	21:00:00	5.372	0.6486	7.4197	47.375	54.862	1.9170	0.0367	187.330	1.592	21.183	24.194	606.620	2.141	0.000
06/02/2019	22:00:00	5.348	0.7437	8.4701	34.608	42.794	1.8839	0.0486	73.095	1.601	31.993	22.625	607.220	2.158	0.000
06/02/2019	23:00:00	4.250	0.4400	12.0630	66.377	78.591	1.8907	0.0701	188.420	0.856	31.579	21.949	607.570	2.140	0.000

PROMEDIO 24 HORAS	10.942	1.14578	18.3601	29.384	47.717	6.68	0.1055
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	07/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
07/02/2019	00:00:00	5.492	0.4311	10.0480	48.154	58.468	1.6870	0.0708	246.560	1.725	26.085	21.283	607.790	2.098	0.000
07/02/2019	01:00:00	8.094	0.3939	6.0677	34.935	40.954	1.1359	0.0410	261.510	1.543	28.119	19.724	607.950	2.022	0.000
07/02/2019	02:00:00	7.162	0.5511	10.7730	55.625	65.864	0.6030	0.0341	267.490	0.732	29.861	18.658	608.130	2.060	0.000
07/02/2019	03:00:00	12.776	0.4225	4.4843	26.971	31.455	0.7517	0.0273	275.030	1.709	30.998	18.071	608.090	1.971	0.000
07/02/2019	04:00:00	13.617	0.3852	3.5405	25.130	28.703	1.0160	0.0272	276.190	1.861	32.404	17.456	608.030	2.107	0.000
07/02/2019	05:00:00	11.367	0.2241	7.6299	45.959	53.521	1.1025	0.0254	271.790	1.412	35.208	16.193	608.190	1.950	0.000
07/02/2019	06:00:00	6.966	0.4943	19.6960	77.668	97.245	0.7437	0.0282	224.200	0.531	37.283	15.323	608.210	1.967	0.000
07/02/2019	07:00:00	5.969	0.3396	15.8800	83.214	98.604	0.3528	0.0301	243.140	0.938	37.901	15.070	608.480	2.068	0.000
07/02/2019	08:00:00	2.258	1.0197	30.3490	85.801	116.420	0.7285	0.0327	294.820	0.495	42.315	13.574	608.940	38.314	0.000
07/02/2019	09:00:00	2.801	1.4793	61.2430	109.130	170.640	0.8276	0.0929	237.980	0.000	36.929	16.146	609.500	224.060	0.000
07/02/2019	10:00:00	2.755	1.6626	67.8830	86.711	154.100	1.5322	0.1271	60.625	0.543	34.347	18.393	609.850	421.160	0.000
07/02/2019	11:00:00	3.437	1.2701	34.5690	62.680	97.318	1.4655	0.1831	95.183	0.963	28.875	21.360	610.000	584.950	0.000
07/02/2019	12:00:00	4.299	0.8742	23.4440	40.133	63.737	1.3313	0.2219	122.380	1.530	25.867	22.575	609.660	731.020	0.000
07/02/2019	13:00:00	5.361	0.7364	16.5210	32.482	48.720	0.9702	0.1232	110.530	1.741	22.587	24.405	609.070	801.800	0.000
07/02/2019	14:00:00	4.794	0.5777	9.5319	31.007	40.563	1.0515	0.0645	104.020	1.816	20.182	26.004	608.170	783.170	0.000
07/02/2019	15:00:00	5.793	0.0000	4.9346	30.014	34.802	1.3569	0.0825	164.870	1.172	16.984	27.527	607.310	709.020	0.000
07/02/2019	16:00:00	5.092	0.0000	3.3659	23.474	26.710	2.8127	0.0662	113.460	1.588	14.545	28.487	606.690	568.560	0.000
07/02/2019	17:00:00	4.447	0.0000	2.7615	18.146	20.839	2.7310	0.0653	90.781	2.477	12.621	28.780	606.320	379.770	0.000
07/02/2019	18:00:00	4.039	0.0000	2.1117	16.012	18.122	1.9972	0.0568	75.782	2.612	13.553	28.499	606.470	177.140	0.000
07/02/2019	19:00:00	3.831	0.1984	2.8391	13.848	16.708	0.8929	0.0637	94.233	4.562	25.116	25.738	606.650	19.114	0.000
07/02/2019	20:00:00	2.779	0.2885	2.4356	14.289	16.736	0.2392	0.1126	111.170	4.814	38.376	23.020	607.290	2.123	0.000
07/02/2019	21:00:00	2.630	0.0896	2.0579	12.038	14.083	0.2523	0.1773	104.680	6.122	49.055	20.321	608.060	2.118	0.000
07/02/2019	22:00:00	2.840	0.1024	1.9411	12.509	14.443	0.3201	0.1795	93.165	5.632	53.967	18.736	609.000	2.060	0.000
07/02/2019	23:00:00	2.977	0.1242	2.8633	15.960	18.773	0.5422	0.1783	82.893	4.234	62.635	17.764	609.630	2.045	0.000

PROMEDIO 24 HORAS	5.482	0.48604	14.4571	41.745	56.147	1.10	0.0880
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	08/02/2019

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	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
08/02/2019	00:00:00	2.701	0.0000	2.9191	15.179	18.041	0.3278	0.0648	94.657	3.789	66.530	17.135	610.150	2.140	0.000
08/02/2019	01:00:00	2.819	1.9056	3.7664	16.434	20.337	0.5651	0.0497	123.960	4.153	65.593	17.140	610.260	2.028	0.000
08/02/2019	02:00:00	3.203	1.9035	4.0028	18.209	22.046	0.9836	0.0513	105.710	3.567	65.387	17.101	610.270	2.052	0.000
08/02/2019	03:00:00	3.069	1.8737	6.3133	26.142	32.527	0.3456	0.0492	76.469	2.566	66.972	16.777	610.230	2.038	0.000
08/02/2019	04:00:00	3.161	1.6900	4.7595	19.054	23.789	0.5072	0.0380	92.371	2.820	70.695	16.733	610.110	1.956	0.000
08/02/2019	05:00:00	3.142	1.5848	4.0986	16.443	20.403	0.5691	0.0498	96.604	3.566	70.768	16.494	610.080	2.039	0.000
08/02/2019	06:00:00	3.100	1.4993	5.1298	20.304	25.590	0.5743	0.0359	93.279	2.803	70.166	16.106	610.270	2.075	0.000
08/02/2019	07:00:00	3.305	1.4411	7.3626	28.613	35.901	0.3426	0.0386	120.060	3.206	70.756	15.755	610.510	2.050	0.000
08/02/2019	08:00:00	3.215	1.6942	7.5165	28.870	36.456	0.5715	0.0482	122.140	3.120	73.160	15.292	610.950	19.678	0.000
08/02/2019	09:00:00	3.298	0.8736	6.4724	22.322	28.738	0.2747	0.0522	123.020	3.671	71.056	15.637	611.480	99.297	0.000
08/02/2019	10:00:00	2.679	0.8440	5.8361	18.010	23.982	0.4782	0.0491	93.997	3.779	73.432	15.765	611.960	121.640	0.000
08/02/2019	11:00:00	2.515	0.0000	4.9671	14.794	19.779	0.3488	0.0493	95.401	4.425	70.682	16.521	612.050	265.920	0.000
08/02/2019	12:00:00	2.916	0.0000	4.0367	11.536	15.616	0.5859	0.0418	88.109	5.163	69.131	16.425	611.870	368.160	0.000
08/02/2019	13:00:00	2.397	0.0000	3.5055	13.158	16.651	0.1864	0.0625	101.940	5.189	64.532	16.674	611.530	331.060	0.000
08/02/2019	14:00:00	2.581	0.0000	3.2225	11.173	14.431	0.0000	0.0654	88.776	5.067	64.059	16.299	611.180	178.820	0.000
08/02/2019	15:00:00	2.428	0.0000	3.9675	14.163	18.155	0.2109	0.0533	108.190	5.151	60.941	16.660	610.610	241.040	0.000
08/02/2019	16:00:00	2.382	0.0000	3.9844	14.530	18.426	0.2643	0.0524	106.210	5.197	60.366	16.575	610.320	295.480	0.000
08/02/2019	17:00:00	2.654	0.0000	3.9434	13.976	17.882	0.0132	0.0646	73.503	4.304	68.608	15.167	610.470	154.130	0.000
08/02/2019	18:00:00	2.617	0.0000	4.3515	15.388	19.559	0.0000	0.0393	67.389	4.363	73.887	13.941	610.820	84.906	0.000
08/02/2019	19:00:00	2.906	0.0000	4.5882	14.949	19.489	0.0763	0.0383	72.622	4.168	83.760	12.509	611.410	11.193	0.000
08/02/2019	20:00:00	2.930	0.0000	5.1311	18.893	24.129	0.0000	0.0245	77.687	3.780	93.996	11.602	611.820	2.252	0.000
08/02/2019	21:00:00	2.530	0.0000	6.6107	22.849	29.279	0.0000	0.0268	71.225	3.171	98.351	11.244	612.380	2.103	0.000
08/02/2019	22:00:00	2.713	0.0000	8.0654	27.561	35.554	0.0000	0.0194	73.805	3.041	97.234	11.158	612.790	2.092	0.000
08/02/2019	23:00:00	2.778	0.0000	8.8214	30.911	40.139	0.0000	0.0197	75.622	2.661	98.334	10.911	612.730	2.115	0.000

PROMEDIO 24 HORAS	<b>2.835</b>	<b>0.63791</b>	<b>5.1405</b>	<b>18.894</b>	<b>24.037</b>	<b>0.30</b>	<b>0.0452</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	09/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
09/02/2019	00:00:00	2.819	0.0000	10.6370	39.506	50.397	0.0000	0.0194	65.490	1.937	94.455	11.316	612.680	2.051	0.000
09/02/2019	01:00:00	2.642	AE	10.6410	38.249	48.697	0.0000	0.0127	65.922	2.208	91.133	11.630	612.540	2.034	0.000
09/02/2019	02:00:00	2.577	1.6808	9.1825	29.708	39.032	0.0000	0.0146	73.167	2.542	89.637	11.804	612.150	2.056	0.000
09/02/2019	03:00:00	2.140	0.0000	8.1775	26.357	34.281	0.0000	0.0158	101.770	2.764	86.391	12.013	611.720	1.930	0.000
09/02/2019	04:00:00	2.446	0.0000	9.0994	31.466	40.489	0.0000	0.0156	104.730	2.731	82.085	12.281	611.430	1.956	0.000
09/02/2019	05:00:00	3.814	0.0000	8.1600	30.770	38.779	0.0000	0.0150	48.975	2.058	88.404	11.614	611.490	1.977	0.000
09/02/2019	06:00:00	2.696	0.8650	10.1650	32.817	42.752	0.0000	0.0152	64.719	2.313	86.500	11.573	611.610	1.927	0.000
09/02/2019	07:00:00	4.444	0.0000	8.7177	39.028	47.514	0.0000	0.0088	129.340	1.663	89.718	10.849	612.640	1.973	0.000
09/02/2019	08:00:00	4.143	0.0000	12.0120	49.424	61.303	0.0000	0.0052	56.888	1.316	91.849	10.525	612.960	7.740	0.000
09/02/2019	09:00:00	2.784	0.0000	14.5140	44.224	58.958	0.0000	0.0129	82.252	2.081	85.754	11.114	613.430	85.910	0.000
09/02/2019	10:00:00	2.872	0.0000	13.5990	38.342	52.144	0.0000	0.0376	96.153	2.101	72.304	12.445	613.540	159.480	0.000
09/02/2019	11:00:00	2.991	0.0000	10.1300	23.178	33.081	0.0000	0.0364	118.960	3.368	61.799	14.436	613.400	581.390	0.000
09/02/2019	12:00:00	2.247	0.0000	7.7476	17.529	25.390	0.0000	0.0471	102.510	3.312	56.984	15.803	613.140	726.360	0.000
09/02/2019	13:00:00	3.008	0.0000	6.9004	20.039	26.512	0.0000	0.0465	93.535	2.670	51.687	17.432	612.450	788.460	0.000
09/02/2019	14:00:00	4.077	0.0000	6.3277	21.463	27.644	0.0000	0.0539	86.273	2.517	46.592	19.090	611.560	771.580	0.000
09/02/2019	15:00:00	3.266	0.0000	5.7406	20.966	26.618	0.0000	0.0535	104.030	2.544	44.826	20.156	610.810	711.160	0.000
09/02/2019	16:00:00	2.639	0.0000	4.1827	14.833	19.085	0.0000	0.0435	81.840	3.901	45.777	20.504	610.260	570.700	0.000
09/02/2019	17:00:00	1.926	0.0000	3.2203	10.401	13.609	0.0000	0.0368	74.262	5.000	48.147	19.638	610.020	387.000	0.000
09/02/2019	18:00:00	2.368	0.0000	2.8073	11.652	14.484	0.0000	0.0501	77.881	5.132	53.897	17.968	610.190	187.510	0.000
09/02/2019	19:00:00	2.487	0.0000	2.5747	11.094	13.608	0.0000	0.0519	78.548	5.009	61.049	15.946	610.710	21.609	0.000
09/02/2019	20:00:00	1.992	0.0000	3.8717	14.681	18.578	0.0000	0.0325	92.819	3.994	68.035	14.780	611.300	2.101	0.000
09/02/2019	21:00:00	2.130	0.0000	8.3859	30.515	39.037	0.0000	0.0251	97.373	2.852	71.787	14.017	611.760	2.035	0.000
09/02/2019	22:00:00	1.897	0.0000	9.2784	30.312	39.461	0.0000	0.0176	96.594	3.010	73.664	13.524	612.010	2.071	0.000
09/02/2019	23:00:00	1.895	0.0000	11.3950	37.742	49.175	0.0000	0.0237	107.480	2.444	82.081	12.622	612.060	2.073	0.000

PROMEDIO 24 HORAS	2.762	0.11069	8.2278	27.679	35.860	0.00	0.0288
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	10/02/2019

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	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
10/02/2019	00:00:00	1.635	0.0000	18.6150	65.785	84.694	0.0000	0.0173	124.570	1.760	80.731	12.508	611.930	1.999	0.000
10/02/2019	01:00:00	DI	0.3844	25.7280	96.775	123.000	0.0000	0.0211	213.210	0.318	79.427	12.442	611.930	2.139	0.000
10/02/2019	02:00:00	1.172	0.8208	CAL	CAL	CAL	1.5265	0.0335	102.190	0.700	81.400	12.225	611.650	2.016	0.000
10/02/2019	03:00:00	2.483	CAL	11.8670	42.869	54.691	0.9336	0.0650	208.940	1.637	93.604	11.328	611.330	1.969	0.000
10/02/2019	04:00:00	3.818	0.2519	8.1087	30.868	38.907	CAL	0.0188	218.040	2.172	100.000	9.787	611.030	2.021	0.000
10/02/2019	05:00:00	3.461	0.0177	11.2760	45.813	57.040	0.2424	0.0164	157.730	1.252	100.000	9.662	610.670	2.072	0.000
10/02/2019	06:00:00	1.686	0.0000	17.4140	66.998	84.285	0.0871	0.0163	180.270	0.726	100.000	9.593	610.190	2.076	0.000
10/02/2019	07:00:00	3.316	0.0000	9.9362	40.469	50.525	0.6389	0.0090	308.360	1.349	100.000	9.802	610.550	2.068	0.000
10/02/2019	08:00:00	3.227	0.0000	11.9950	49.866	62.008	0.6367	0.0196	269.980	1.116	100.000	9.521	610.780	14.095	0.000
10/02/2019	09:00:00	3.266	0.2411	8.9498	33.240	42.069	0.1057	0.0197	324.180	1.613	99.924	10.137	611.070	65.737	0.000
10/02/2019	10:00:00	5.157	0.0311	9.4941	36.569	45.491	0.0000	0.0317	250.220	1.316	91.246	10.828	611.190	173.840	0.000
10/02/2019	11:00:00	6.144	0.1686	10.1460	35.660	45.729	0.5386	0.0234	175.530	0.814	72.400	12.749	611.240	606.000	0.000
10/02/2019	12:00:00	6.490	0.2406	11.1150	37.686	48.842	0.1885	0.0381	131.380	0.998	60.262	15.179	610.810	728.320	0.000
10/02/2019	13:00:00	5.011	0.1593	10.9310	40.187	51.384	0.0907	0.0681	133.300	1.019	51.928	17.433	609.910	791.830	0.000
10/02/2019	14:00:00	6.778	0.1655	7.6350	32.364	40.204	0.2958	0.0762	141.060	1.165	44.394	20.089	608.950	783.350	0.000
10/02/2019	15:00:00	8.133	0.0412	5.4517	24.909	30.356	0.0000	0.0894	214.460	1.240	37.243	22.248	608.130	717.470	0.000
10/02/2019	16:00:00	9.808	0.0000	4.9181	22.953	28.008	0.0000	0.0573	149.580	2.005	33.547	23.192	607.550	580.720	0.000
10/02/2019	17:00:00	7.755	0.0000	5.1432	22.687	27.835	0.0000	0.0425	80.140	2.083	29.638	24.283	607.110	393.610	0.000
10/02/2019	18:00:00	3.646	0.0000	5.2862	22.171	27.445	0.0000	0.0339	62.294	1.544	28.170	24.304	607.020	170.280	0.000
10/02/2019	19:00:00	2.137	0.0525	6.2446	21.636	27.945	0.0000	0.0295	76.780	2.455	33.712	22.346	607.220	18.013	0.000
10/02/2019	20:00:00	1.004	0.3093	17.4260	54.555	71.690	0.0000	0.0431	108.270	1.307	43.727	20.349	607.520	2.071	0.000
10/02/2019	21:00:00	1.001	0.3411	18.8680	50.997	69.759	0.0000	0.0432	130.210	1.848	47.811	19.099	607.970	2.033	0.000
10/02/2019	22:00:00	0.211	0.2288	19.9850	62.731	82.698	0.0000	0.0427	119.080	1.536	53.710	17.627	608.280	2.085	0.000
10/02/2019	23:00:00	0.000	0.3777	39.5460	98.101	137.310	0.0000	0.0340	79.974	0.425	57.357	16.629	608.280	2.145	0.000

PROMEDIO 24 HORAS	<b>3.797</b>	<b>0.16659</b>	<b>12.8730</b>	<b>45.039</b>	<b>57.909</b>	<b>0.23</b>	<b>0.0371</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 20	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 19	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 199	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 20	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 20	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	11/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
11/02/2019	00:00:00	0.000	0.6801	44.7960	87.191	131.440	0.0349	0.0498	93.912	0.178	60.894	15.619	608.060	2.129	0.000
11/02/2019	01:00:00	0.000	0.0000	34.2020	55.730	90.010	0.3964	0.0732	317.290	1.198	61.503	14.479	608.150	2.165	0.000
11/02/2019	02:00:00	0.000	0.0000	17.7920	55.039	73.067	0.1935	0.1218	332.780	1.181	68.527	13.404	608.250	2.037	0.000
11/02/2019	03:00:00	0.779	0.0000	22.6830	82.111	105.230	0.0000	0.0364	336.600	0.278	69.794	13.212	608.300	2.092	0.000
11/02/2019	04:00:00	0.092	0.0000	19.1600	69.192	88.280	0.0000	0.0263	317.530	0.610	68.047	12.861	608.190	2.052	0.000
11/02/2019	05:00:00	0.032	0.0000	27.8550	99.180	127.340	0.0000	0.0325	240.460	0.024	69.437	12.739	607.850	2.119	0.000
11/02/2019	06:00:00	0.000	0.0000	37.7900	107.450	145.240	0.0219	0.0242	194.990	0.250	69.364	12.742	607.810	2.081	0.000
11/02/2019	07:00:00	0.000	0.0000	89.1080	106.720	195.460	0.2336	0.0349	169.370	0.081	71.933	12.439	607.960	2.048	0.000
11/02/2019	08:00:00	0.000	1.1241	197.9900	106.800	303.860	1.3083	0.0701	162.710	0.449	69.627	12.616	608.190	33.119	0.000
11/02/2019	09:00:00	0.000	0.8169	163.6700	94.799	258.490	1.7814	0.1569	127.860	0.875	62.073	14.602	608.260	205.300	0.000
11/02/2019	10:00:00	2.544	0.0000	34.1110	47.935	82.209	0.6859	0.1815	206.090	2.070	47.403	17.921	608.390	417.800	0.000
11/02/2019	11:00:00	3.448	0.0000	26.8940	34.591	61.647	0.0000	0.0507	201.380	2.032	39.887	20.383	608.220	594.510	0.000
11/02/2019	12:00:00	7.003	0.0000	18.5020	25.795	44.119	0.0000	0.0573	218.300	3.742	35.755	21.927	607.880	730.840	0.000
11/02/2019	13:00:00	7.943	0.0000	12.7550	19.825	32.675	0.0000	0.0514	223.380	3.370	32.000	23.369	607.100	811.890	0.000
11/02/2019	14:00:00	3.844	0.0000	10.7430	20.133	30.961	0.0000	0.0517	226.880	3.591	28.706	24.338	606.300	790.930	0.000
11/02/2019	15:00:00	8.409	0.0000	9.3502	19.873	29.112	0.0000	0.0497	227.140	3.939	26.470	25.192	605.530	718.760	0.000
11/02/2019	16:00:00	10.674	0.0000	5.4793	14.918	20.384	0.0000	0.0488	243.840	4.118	25.199	25.570	605.100	580.030	0.000
11/02/2019	17:00:00	9.838	0.0000	5.6625	17.381	23.093	0.0000	0.0523	235.280	4.107	23.299	25.854	604.980	389.940	0.000
11/02/2019	18:00:00	6.938	0.0000	5.4359	19.206	24.609	0.0000	0.0498	236.780	3.610	23.655	25.588	605.100	184.950	0.000
11/02/2019	19:00:00	4.838	0.0000	4.7283	22.776	27.534	0.0000	0.0444	243.270	3.315	25.590	24.470	605.380	20.243	0.000
11/02/2019	20:00:00	5.934	0.0000	3.7670	22.362	26.186	0.5073	0.0478	263.030	2.822	27.622	23.438	605.780	2.178	0.000
11/02/2019	21:00:00	7.305	0.0000	3.7037	21.928	25.650	0.0000	0.0500	269.650	3.048	29.894	22.448	606.180	2.075	0.000
11/02/2019	22:00:00	3.265	0.0000	3.6943	22.041	25.718	0.0000	0.0447	279.940	2.173	32.025	21.563	607.000	2.114	0.000
11/02/2019	23:00:00	1.900	0.0000	13.7550	57.807	71.236	0.0000	0.0390	248.230	0.917	34.757	20.518	607.300	2.060	0.000

PROMEDIO 24 HORAS	<b>3.533</b>	<b>0.10921</b>	<b>33.9011</b>	<b>51.283</b>	<b>85.148</b>	<b>0.22</b>	<b>0.0602</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1993)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1993)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	12/02/2019

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	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
								WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
12/02/2019	00:00:00	0.0000	3.5857	20.079	23.609	0.0000	0.0374	267.240	1.992	36.151	19.811	607.500	2.014	0.000
12/02/2019	01:00:00	0.0000	14.6390	55.524	70.426	0.0000	0.0274	197.650	1.144	39.064	18.636	607.400	2.062	0.000
12/02/2019	02:00:00	0.0000	16.9640	64.377	81.564	0.6566	0.0306	188.960	1.155	41.805	17.689	607.510	2.029	0.000
12/02/2019	03:00:00	0.0000	16.5420	68.994	85.183	0.7900	0.0246	119.090	0.701	46.139	16.266	607.460	2.084	0.000
12/02/2019	04:00:00	0.6784	14.6150	62.581	76.914	1.0514	0.0275	279.590	0.377	47.861	15.714	607.720	2.076	0.000
12/02/2019	05:00:00	0.3278	6.9009	31.938	38.635	0.7591	0.0341	298.400	1.823	50.572	14.653	607.800	1.987	0.000
12/02/2019	06:00:00	0.4637	5.8431	30.211	36.042	0.4003	0.0293	284.290	1.620	52.428	14.105	607.870	2.056	0.000
12/02/2019	07:00:00	0.8876	24.7770	76.444	101.310	0.4869	0.0235	216.590	0.838	52.621	14.282	608.260	2.103	0.000
12/02/2019	08:00:00	1.2766	65.7890	86.359	152.690	1.1372	0.0340	151.580	0.445	52.997	14.441	609.020	21.352	0.000
12/02/2019	09:00:00	1.8318	67.2690	82.399	149.940	1.3998	0.0658	117.020	0.277	51.519	14.965	609.580	68.252	0.000
12/02/2019	10:00:00	1.7770	61.5890	72.135	133.500	1.1023	0.0761	204.410	0.311	48.216	16.110	609.850	115.010	0.000
12/02/2019	11:00:00	2.0676	60.5970	68.074	128.740	1.6633	0.0903	152.250	0.939	48.222	16.594	610.530	145.550	0.000
12/02/2019	12:00:00	1.2515	23.7920	44.696	68.457	1.1948	0.1779	96.544	1.290	42.547	17.945	610.430	535.610	0.000
12/02/2019	13:00:00	1.1327	22.7300	28.438	50.877	0.6404	0.0803	119.810	1.818	40.350	19.434	609.430	733.190	0.000
12/02/2019	14:00:00	1.0890	19.5530	16.776	36.337	0.8883	0.0607	92.700	3.839	45.266	19.555	608.720	462.630	0.000
12/02/2019	15:00:00	0.8117	11.2760	15.056	26.320	0.3833	0.0888	74.163	4.692	54.274	18.560	608.380	532.680	0.000
12/02/2019	16:00:00	0.8199	6.1115	13.705	19.812	0.2378	0.0785	83.563	4.839	51.620	18.906	608.210	480.650	0.000
12/02/2019	17:00:00	0.9973	4.3538	15.787	20.047	0.4306	0.0745	71.057	4.224	52.677	18.203	608.470	257.580	0.000
12/02/2019	18:00:00	0.7318	3.0492	12.545	15.606	0.3487	0.0641	83.960	4.813	58.631	16.636	608.760	156.050	0.000
12/02/2019	19:00:00	0.9771	2.8595	14.758	17.646	0.3751	0.0638	96.637	4.960	71.807	13.307	609.600	14.242	0.000
12/02/2019	20:00:00	0.8753	2.5714	13.842	16.445	0.1259	0.0710	96.055	5.614	78.283	11.754	610.160	2.153	0.000
12/02/2019	21:00:00	0.9933	2.6487	13.369	16.178	0.5211	0.0702	85.810	4.699	77.163	11.070	610.770	2.228	0.000
12/02/2019	22:00:00	0.9792	2.8382	12.954	15.622	0.3350	0.0329	84.887	4.742	84.372	10.298	611.350	2.072	0.000
12/02/2019	23:00:00	1.1466	2.5088	14.590	17.126	0.3489	0.0324	81.750	4.474	92.564	9.622	611.670	1.997	0.000

PROMEDIO 24 HORAS	0.87984	19.3085	38.985	58.293	0.64	0.0582
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	13/02/2019

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	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
								WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
13/02/2019	00:00:00	1.2394	2.7092	13.228	15.935	0.2056	0.0223	79.657	4.741	99.887	8.404	612.000	1.997	0.000
13/02/2019	01:00:00	0.7231	2.6106	12.558	15.195	0.5270	0.0205	76.277	4.671	96.999	7.853	612.180	1.987	0.000
13/02/2019	02:00:00	0.9401	3.2372	15.641	18.854	1.2638	0.0257	86.010	4.036	91.241	7.412	612.280	1.911	0.000
13/02/2019	03:00:00	1.2054	5.5714	23.732	29.485	1.1154	0.0194	86.856	3.236	76.590	7.282	612.030	1.812	0.000
13/02/2019	04:00:00	1.3286	5.6861	25.537	31.057	1.1550	0.0287	67.870	3.073	69.417	7.256	611.900	1.877	0.000
13/02/2019	05:00:00	0.9079	7.0445	30.628	37.364	1.1483	0.0229	101.940	2.978	70.094	7.376	611.900	1.889	0.000
13/02/2019	06:00:00	1.5842	7.8306	32.690	40.655	1.1980	0.0243	121.300	2.954	73.706	7.509	611.900	1.943	0.000
13/02/2019	07:00:00	1.5185	8.4584	35.815	44.076	0.9176	0.0305	131.930	3.207	66.115	7.651	612.040	1.898	0.000
13/02/2019	08:00:00	1.2480	9.4178	38.999	48.945	0.9854	0.0310	122.810	2.863	59.881	7.826	612.470	14.471	0.000
13/02/2019	09:00:00	1.6082	7.5582	30.241	37.898	0.9903	0.0323	124.760	3.265	56.719	8.521	612.580	106.830	0.000
13/02/2019	10:00:00	1.6363	4.9065	18.441	23.340	1.0018	0.0315	111.940	4.084	53.332	9.525	612.760	323.830	0.000
13/02/2019	11:00:00	1.9370	4.5576	17.447	22.104	0.9013	0.0443	110.690	3.946	53.115	11.467	612.690	595.980	0.000
13/02/2019	12:00:00	1.4505	6.0286	26.850	33.102	1.1263	0.0480	121.200	2.973	47.998	13.167	612.270	724.600	0.000
13/02/2019	13:00:00	1.4693	7.4486	32.319	39.917	1.0475	0.0506	108.600	1.907	42.577	15.195	611.580	787.410	0.000
13/02/2019	14:00:00	1.5415	7.4169	29.798	37.868	1.2540	0.0634	109.890	1.903	38.684	17.258	610.430	741.920	0.000
13/02/2019	15:00:00	1.1684	6.9219	33.005	39.746	1.1652	0.0785	95.116	1.644	35.706	19.217	609.360	707.320	0.000
13/02/2019	16:00:00	1.3070	5.9516	30.038	36.022	1.0679	0.0663	124.010	1.603	33.988	20.645	608.760	573.550	0.000
13/02/2019	17:00:00	1.0830	6.3295	34.134	40.342	1.1207	0.0731	115.950	0.785	32.578	21.941	608.250	381.670	0.000
13/02/2019	18:00:00	1.1763	6.5469	30.325	36.576	1.1684	0.0649	76.732	1.536	33.311	21.615	607.760	131.270	0.000
13/02/2019	19:00:00	1.1132	5.9873	25.043	31.167	1.3465	0.0707	76.435	2.622	36.518	19.088	607.960	9.718	0.000
13/02/2019	20:00:00	1.2391	10.5190	42.094	52.447	1.2697	0.0572	83.280	1.927	39.620	17.508	608.560	2.097	0.000
13/02/2019	21:00:00	1.6554	23.9000	88.280	111.820	1.4213	0.0559	88.110	0.858	42.496	16.447	609.110	2.149	0.000
13/02/2019	22:00:00	1.4738	19.0790	72.690	91.870	1.0585	0.0542	247.580	0.674	45.201	15.203	609.490	2.233	0.000
13/02/2019	23:00:00	1.7159	35.7350	105.190	141.020	1.2400	0.0780	136.860	0.283	47.761	14.545	609.640	1.986	0.000

PROMEDIO 24 HORAS	1.34459	8.8105	35.197	44.034	1.07	0.0456
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	14/02/2019

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	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
								WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
14/02/2019	00:00:00	1.6389	32.8490	102.490	135.340	1.1262	0.0694	45.256	0.108	50.570	13.824	609.500	2.118	0.000
14/02/2019	01:00:00	0.0000	47.4920	101.620	148.900	0.7291	0.0714	323.910	0.000	51.722	13.529	609.240	2.129	0.000
14/02/2019	02:00:00	0.0000	50.1320	85.024	135.550	0.2370	0.1055	153.500	0.108	54.637	12.638	608.970	1.995	0.000
14/02/2019	03:00:00	0.0000	29.3700	75.397	105.240	0.2608	0.1348	221.430	0.583	56.610	11.957	608.890	1.920	0.000
14/02/2019	04:00:00	DI	20.0240	79.045	99.002	0.4081	0.0753	206.090	0.093	57.694	11.288	608.770	1.949	0.000
14/02/2019	05:00:00	DI	20.7680	84.609	105.610	0.0000	0.0513	137.670	0.085	59.061	10.815	608.670	1.982	0.000
14/02/2019	06:00:00	DI	21.4750	87.085	108.360	0.0000	0.0390	139.070	0.172	60.642	10.330	608.680	1.906	0.000
14/02/2019	07:00:00	0.0000	54.1780	81.914	136.370	0.2566	0.0426	301.170	0.000	61.742	10.302	608.950	2.106	0.000
14/02/2019	08:00:00	0.0000	73.4780	102.390	175.830	0.5366	0.0733	76.301	0.102	62.659	10.262	609.420	42.114	0.000
14/02/2019	09:00:00	0.0000	94.8190	86.489	181.410	1.1059	0.1079	67.326	0.355	55.233	13.092	609.460	231.150	0.000
14/02/2019	10:00:00	0.0000	57.6730	65.356	122.630	1.1421	0.1599	173.950	1.494	48.538	18.154	609.560	438.740	0.000
14/02/2019	11:00:00	0.0000	16.0150	23.819	39.914	0.0000	0.1052	221.030	4.055	40.342	20.735	609.400	623.350	0.000
14/02/2019	12:00:00	DI	13.6860	19.098	32.682	0.0000	0.0463	223.960	4.333	34.823	22.723	608.930	750.570	0.000
14/02/2019	13:00:00	DI	11.3690	17.542	28.863	0.0000	0.0398	228.560	3.827	27.727	24.588	608.000	817.350	0.000
14/02/2019	14:00:00	DI	10.1840	17.804	27.966	0.0000	0.0392	230.820	3.783	24.001	25.733	607.190	810.400	0.000
14/02/2019	15:00:00	DI	8.9735	15.734	24.744	0.0000	0.0232	236.820	3.642	21.639	26.585	606.620	735.440	0.000
14/02/2019	16:00:00	DI	9.3856	16.753	26.234	0.0000	0.0263	228.580	3.411	20.740	27.292	606.350	598.690	0.000
14/02/2019	17:00:00	DI	6.5570	15.306	21.820	0.0000	0.0269	245.160	3.208	20.862	27.308	606.130	411.700	0.000
14/02/2019	18:00:00	DI	9.4618	22.363	31.690	0.0000	0.0261	225.610	2.929	21.098	27.037	606.250	207.770	0.000
14/02/2019	19:00:00	DI	6.8551	22.574	29.440	0.0000	0.0228	247.120	2.231	22.613	25.972	606.510	27.796	0.000
14/02/2019	20:00:00	0.0000	8.5849	30.343	39.082	0.0748	0.0274	277.790	1.373	25.288	24.388	607.090	2.122	0.000
14/02/2019	21:00:00	0.0000	19.5990	39.133	58.509	0.0000	0.0410	238.310	2.095	27.597	23.313	607.760	2.081	0.000
14/02/2019	22:00:00	0.0000	12.1100	34.910	46.905	0.0000	0.0398	235.940	2.717	29.039	22.382	608.050	2.063	0.000
14/02/2019	23:00:00	DI	8.6211	31.727	40.364	0.0000	0.0317	238.080	2.828	30.534	21.174	608.160	2.009	0.000

PROMEDIO 24 HORAS	0.13658	26.8192	52.439	79.269	0.24	0.0594
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	15/02/2019

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	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
								WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
15/02/2019	00:00:00	0.0000	5.7556	21.653	27.391	0.0000	0.0347	233.430	4.399	30.686	20.648	608.140	1.932	0.000
15/02/2019	01:00:00	0.0000	4.0870	19.440	23.539	0.0000	0.0336	238.750	4.191	32.765	19.845	608.030	2.052	0.000
15/02/2019	02:00:00	0.0000	4.4477	19.806	24.207	0.0000	0.0258	236.580	4.646	35.045	19.213	607.870	2.079	0.000
15/02/2019	03:00:00	0.0000	5.9170	26.063	31.591	0.0000	0.0367	235.130	2.710	36.989	18.555	607.830	2.004	0.000
15/02/2019	04:00:00	0.0000	8.4038	33.703	41.966	0.1983	0.0162	225.870	1.936	40.372	17.927	607.840	2.008	0.000
15/02/2019	05:00:00	0.0000	7.8925	31.461	39.605	0.0118	0.0188	230.820	2.487	44.008	17.225	608.050	1.936	0.000
15/02/2019	06:00:00	0.0000	6.5706	27.989	34.308	0.0000	0.0166	243.330	2.509	46.622	16.822	608.180	1.970	0.000
15/02/2019	07:00:00	0.0000	21.9390	66.689	88.848	0.1752	0.0194	211.890	1.190	48.489	16.547	608.410	1.980	0.000
15/02/2019	08:00:00	0.0000	66.1270	82.145	149.040	0.4210	0.0244	157.970	0.659	49.850	16.277	608.610	48.746	0.000
15/02/2019	09:00:00	0.4750	99.4200	69.818	168.630	1.9753	0.0971	68.894	0.554	46.396	17.274	608.930	242.830	0.000
15/02/2019	10:00:00	0.0000	30.5380	43.416	73.773	1.6643	0.1870	201.130	1.120	39.565	20.141	609.250	451.690	0.000
15/02/2019	11:00:00	0.0000	16.8350	31.472	48.256	0.3659	0.0553	206.240	0.677	33.897	22.475	609.200	630.880	0.000
15/02/2019	12:00:00	0.0000	14.0250	21.487	35.770	0.4978	0.0381	218.010	2.998	29.500	24.534	608.650	759.870	0.000
15/02/2019	13:00:00	0.0000	11.2720	20.835	32.106	0.3601	0.0330	214.180	2.926	26.226	26.194	607.990	822.840	0.000
15/02/2019	14:00:00	0.0000	11.9350	20.148	31.945	0.4171	0.0326	199.250	2.589	22.677	27.948	607.190	810.810	0.000
15/02/2019	15:00:00	0.0000	7.5516	16.548	24.130	0.6888	0.0269	218.670	2.271	19.949	29.066	606.320	737.890	0.000
15/02/2019	16:00:00	0.0000	4.8112	12.518	17.309	0.3014	0.0273	248.780	1.698	18.170	29.559	605.820	603.100	0.000
15/02/2019	17:00:00	0.0000	2.4157	11.336	13.762	0.0596	0.0140	230.320	1.128	16.764	30.349	605.730	414.910	0.000
15/02/2019	18:00:00	AE	4.4165	17.522	21.775	0.0942	0.0145	273.550	1.597	16.855	29.998	605.820	209.530	0.000
15/02/2019	19:00:00	0.0000	6.1304	19.470	25.771	0.3791	0.0311	274.480	1.285	18.002	28.927	606.080	29.920	0.000
15/02/2019	20:00:00	1.0192	28.2670	23.931	52.164	0.5888	0.0521	278.260	0.913	21.379	26.621	606.400	2.204	0.000
15/02/2019	21:00:00	0.7881	38.8970	26.905	66.015	0.7404	0.0661	209.760	0.950	24.216	24.673	606.900	2.196	0.000
15/02/2019	22:00:00	0.8364	42.6810	29.195	71.947	0.7032	0.0608	244.050	0.955	25.387	23.759	607.240	2.153	0.000
15/02/2019	23:00:00	0.6933	38.3210	40.015	77.703	0.8935	0.0537	221.930	0.892	27.588	22.456	607.460	2.152	0.000

PROMEDIO 24 HORAS	0.16574	20.3607	30.565	50.898	0.44	0.0423
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	16/02/2019

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	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
16/02/2019	00:00:00	DI	0.7881	38.8410	46.320	85.257	0.8684	0.0421	240.510	0.622	29.017	21.501	607.710	2.034	0.000
16/02/2019	01:00:00	2.299	1.1009	25.6570	53.893	79.667	0.7807	0.0418	233.230	1.191	29.161	20.945	607.650	2.029	0.000
16/02/2019	02:00:00	3.530	1.0603	11.8760	29.585	41.575	0.4435	0.0268	237.990	2.500	29.528	20.953	607.580	2.075	0.000
16/02/2019	03:00:00	4.507	1.0965	11.5720	33.914	45.555	0.7324	0.0261	231.730	2.579	32.724	20.457	607.370	2.046	0.000
16/02/2019	04:00:00	4.342	1.2002	17.0760	47.327	64.802	1.0075	0.0662	201.030	1.984	35.396	19.761	607.150	2.059	0.000
16/02/2019	05:00:00	7.710	0.0000	7.6806	29.073	36.730	0.7084	0.0339	236.060	2.927	36.523	19.672	607.070	2.062	0.000
16/02/2019	06:00:00	8.869	0.0000	8.7434	30.413	39.043	0.9484	0.0310	223.890	3.222	38.035	19.393	607.220	2.123	0.000
16/02/2019	07:00:00	3.083	0.0000	55.0220	73.741	129.530	1.5506	0.0389	114.720	0.905	44.177	17.068	607.480	2.114	0.000
16/02/2019	08:00:00	0.960	0.0000	124.5200	120.300	244.980	2.0775	0.1044	127.010	0.007	47.802	16.101	607.770	49.306	0.000
16/02/2019	09:00:00	1.465	0.0000	111.6500	88.342	199.350	2.8214	0.1259	110.950	0.418	41.277	18.679	607.820	241.780	0.000
16/02/2019	10:00:00	1.945	0.0000	68.5290	43.104	111.670	2.1322	0.1824	109.210	1.309	33.203	22.196	607.700	447.010	0.000
16/02/2019	11:00:00	1.944	0.0000	53.3920	36.674	90.453	1.9783	0.1553	116.780	1.835	28.595	24.993	607.520	619.910	0.000
16/02/2019	12:00:00	3.789	0.0000	27.6180	28.911	56.761	1.7268	0.1805	194.990	2.764	23.295	28.008	607.000	764.050	0.000
16/02/2019	13:00:00	3.587	0.0000	20.7880	21.819	42.601	1.0956	0.0606	206.080	2.271	19.318	29.825	606.170	831.710	0.000
16/02/2019	14:00:00	3.925	0.0000	12.0990	18.040	30.370	1.0145	0.0278	191.330	1.620	18.015	30.937	605.190	820.840	0.000
16/02/2019	15:00:00	3.890	0.0542	9.1829	15.764	24.939	1.0311	0.0241	217.370	1.625	16.027	32.217	604.270	743.690	0.000
16/02/2019	16:00:00	4.376	0.0270	6.2420	12.775	18.996	0.6261	0.0220	242.630	2.010	14.255	32.954	603.620	608.810	0.000
16/02/2019	17:00:00	5.531	0.0000	5.8574	12.293	18.169	0.7106	0.0133	263.300	2.389	13.093	32.996	603.220	420.570	0.000
16/02/2019	18:00:00	4.312	0.0031	4.7205	11.645	16.390	0.8514	0.0135	260.010	2.003	12.856	32.795	603.210	213.770	0.000
16/02/2019	19:00:00	3.522	0.1544	4.5758	16.773	21.376	0.9508	0.0141	252.030	2.105	15.087	31.277	603.490	30.271	0.000
16/02/2019	20:00:00	6.339	0.0000	4.0184	21.120	25.167	2.9872	0.0270	258.480	2.546	20.397	29.174	604.050	2.127	0.000
16/02/2019	21:00:00	4.645	0.0000	6.0801	23.720	29.667	0.9700	0.0526	239.250	3.006	23.056	27.744	604.680	2.080	0.000
16/02/2019	22:00:00	9.407	0.0000	5.7823	19.998	25.727	0.7569	0.0468	235.990	4.492	26.154	26.417	605.180	2.001	0.000
16/02/2019	23:00:00	12.502	0.0000	4.2339	17.196	21.427	0.7456	0.0682	234.580	5.383	27.620	25.044	605.550	2.030	0.000

PROMEDIO 24 HORAS	4.629	0.22852	26.9066	35.531	62.508	1.23	0.0594
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 201	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 199	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 199	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 201	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 201	75 µg/m³



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	17/02/2019

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	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
17/02/2019	00:00:00	14.617	0.0000	3.1438	14.953	18.170	0.4750	0.0766	239.590	5.732	31.285	23.779	605.670	1.995	0.000
17/02/2019	01:00:00	164.890	0.0000	3.0511	12.876	15.946	0.4218	0.0720	234.310	5.869	35.983	22.857	605.650	1.994	0.000
17/02/2019	02:00:00	16.811	0.0000	CAL	CAL	CAL	0.0000	0.0724	239.220	5.918	38.652	22.110	605.570	2.064	0.000
17/02/2019	03:00:00	15.443	CAL	2.3980	10.910	13.271	0.0412	0.0878	240.150	6.375	41.083	21.320	605.520	1.960	0.000
17/02/2019	04:00:00	13.053	0.0000	2.9138	11.656	14.570	CAL	0.0847	238.950	6.067	43.379	20.495	605.520	2.093	0.000
17/02/2019	05:00:00	13.828	0.0000	2.4436	10.728	13.104	0.0000	0.0653	238.940	6.576	45.808	19.915	605.460	2.150	0.000
17/02/2019	06:00:00	10.196	0.0000	4.2538	16.928	21.370	0.0000	0.0651	223.150	5.677	48.470	19.042	605.780	2.079	0.000
17/02/2019	07:00:00	10.611	0.0000	3.7995	16.561	20.420	0.0000	0.0525	233.260	4.965	49.753	18.541	606.120	2.089	0.000
17/02/2019	08:00:00	10.316	0.0000	3.8757	15.257	19.180	0.0000	0.0300	244.420	4.390	50.047	18.558	606.670	55.490	0.000
17/02/2019	09:00:00	11.001	0.0459	4.0436	15.635	19.684	0.0000	0.0310	245.230	3.672	46.457	19.664	607.090	255.830	0.000
17/02/2019	10:00:00	10.480	0.0488	4.4060	15.076	19.456	0.0000	0.0278	240.580	4.396	37.310	21.884	607.450	463.840	0.000
17/02/2019	11:00:00	12.557	0.1257	3.7050	12.993	16.722	0.0000	0.0434	237.740	5.179	32.509	23.685	607.590	637.670	0.000
17/02/2019	12:00:00	10.866	0.0905	4.3625	15.490	19.810	0.0000	0.0551	226.770	4.429	28.161	25.758	607.360	765.930	0.000
17/02/2019	13:00:00	10.777	0.0735	4.3879	14.279	18.686	0.0000	0.0563	230.920	4.484	23.992	27.392	606.740	826.320	0.000
17/02/2019	14:00:00	12.283	0.1228	3.7543	11.830	15.589	0.0000	0.0516	241.290	4.923	20.742	28.470	606.000	817.110	0.000
17/02/2019	15:00:00	11.445	0.1087	3.8383	11.303	15.161	0.0000	0.0516	238.800	4.574	17.903	29.408	605.370	742.410	0.000
17/02/2019	16:00:00	11.566	0.0565	3.6826	11.797	15.338	0.0000	0.0406	244.360	4.445	17.412	29.947	604.860	605.800	0.000
17/02/2019	17:00:00	10.681	0.0630	3.8803	13.282	17.235	0.0000	0.0469	234.710	4.712	17.294	29.772	604.800	417.420	0.000
17/02/2019	18:00:00	9.997	0.0927	3.9118	14.029	18.055	0.0000	0.0438	239.400	4.370	18.045	29.314	605.110	202.640	0.000
17/02/2019	19:00:00	9.543	0.2747	3.7540	15.570	19.323	0.0000	0.0361	240.730	3.775	20.589	27.913	605.640	29.200	0.000
17/02/2019	20:00:00	4.035	0.4241	6.2884	24.846	31.178	0.0000	0.0303	229.270	2.575	21.902	26.569	606.340	2.126	0.000
17/02/2019	21:00:00	3.341	0.5721	6.3646	22.895	29.201	0.0000	0.0346	237.520	2.380	23.675	25.461	606.920	2.170	0.000
17/02/2019	22:00:00	4.917	0.4745	6.4113	21.996	28.396	0.0000	0.0337	238.500	3.389	25.555	24.182	607.330	2.153	0.000
17/02/2019	23:00:00	6.412	0.4524	4.7203	18.563	23.387	0.0000	0.0172	243.350	3.558	27.513	23.119	607.390	2.154	0.000

PROMEDIO 24 HORAS	<b>17.069</b>	<b>0.13156</b>	<b>4.0604</b>	<b>15.194</b>	<b>19.272</b>	<b>0.04</b>	<b>0.0503</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1993)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1993)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	18/02/2019

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	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
18/02/2019	00:00:00	9.140	0.3728	3.2987	12.993	16.360	0.0000	0.0255	246.200	4.194	29.509	22.110	607.440	2.105	0.000
18/02/2019	01:00:00	9.445	1.6724	3.6642	14.555	18.171	0.0000	0.0277	242.210	4.403	32.399	21.037	607.360	2.094	0.000
18/02/2019	02:00:00	8.708	1.9912	4.8962	17.749	22.689	0.3785	0.0284	234.420	3.713	34.845	20.485	607.260	2.031	0.000
18/02/2019	03:00:00	5.803	1.9987	9.1888	34.231	43.268	0.5846	0.0257	218.600	2.070	36.570	19.866	607.210	2.033	0.000
18/02/2019	04:00:00	4.098	2.0775	14.5000	53.319	67.768	0.5888	0.0128	197.640	1.036	37.204	19.535	607.020	2.059	0.000
18/02/2019	05:00:00	4.364	2.0113	10.8400	44.854	55.890	0.7331	0.0131	260.920	0.898	40.066	18.252	607.230	2.062	0.000
18/02/2019	06:00:00	4.993	1.9066	8.5941	37.350	45.207	0.9616	0.0130	264.330	1.438	42.557	17.316	607.390	2.063	0.000
18/02/2019	07:00:00	3.102	2.1855	17.0630	61.740	78.970	0.3032	0.0133	206.790	1.612	43.043	17.153	607.600	2.160	0.000
18/02/2019	08:00:00	1.264	2.6525	34.0310	87.122	121.510	0.6602	0.0145	189.180	0.562	44.080	16.939	608.150	53.014	0.000
18/02/2019	09:00:00	3.109	2.4201	12.8310	37.515	50.247	0.5920	0.0498	253.520	1.236	41.250	18.327	608.480	254.830	0.000
18/02/2019	10:00:00	1.862	2.9305	33.5090	55.099	87.890	1.2490	0.0297	157.290	1.101	35.391	21.092	608.690	455.090	0.000
18/02/2019	11:00:00	4.973	2.5769	16.8280	27.528	44.609	1.2537	0.0922	215.750	2.895	30.072	23.236	608.780	640.780	0.000
18/02/2019	12:00:00	6.558	2.4047	10.6960	21.867	32.551	0.7546	0.0545	192.670	2.578	25.772	25.103	608.380	772.750	0.000
18/02/2019	13:00:00	3.287	2.4756	10.3950	19.331	29.806	0.8628	0.0461	100.070	2.123	24.265	26.405	607.570	828.070	0.000
18/02/2019	14:00:00	2.230	2.3658	6.1408	17.062	23.372	1.2333	0.0653	113.010	2.164	20.945	28.122	606.640	814.950	0.000
18/02/2019	15:00:00	2.852	2.2127	3.8249	17.428	21.161	0.9370	0.0581	168.560	1.559	18.344	28.901	605.740	739.180	0.000
18/02/2019	16:00:00	3.408	2.2252	3.5689	13.442	16.987	0.6816	0.0439	184.550	2.984	13.598	30.253	604.970	613.330	0.000
18/02/2019	17:00:00	11.157	2.5173	3.2447	13.671	16.883	0.5326	0.0422	239.560	4.860	10.988	30.085	604.670	428.440	0.000
18/02/2019	18:00:00	9.904	2.5284	3.5676	15.053	18.582	0.9408	0.0532	240.330	4.146	14.062	29.046	604.800	208.030	0.000
18/02/2019	19:00:00	5.828	2.5221	4.2065	20.059	24.261	0.9544	0.0457	234.930	3.303	17.052	27.700	605.220	30.356	0.000
18/02/2019	20:00:00	3.345	2.4789	6.6588	23.586	30.204	0.9299	0.0455	232.310	3.615	14.963	26.346	605.810	2.149	0.000
18/02/2019	21:00:00	2.713	2.7250	7.6958	25.285	33.050	0.7464	0.0438	238.150	3.136	16.028	24.939	606.570	2.175	0.000
18/02/2019	22:00:00	1.683	2.7802	10.2440	32.763	43.030	1.4469	0.0460	242.390	2.429	20.395	23.178	607.030	2.140	0.000
18/02/2019	23:00:00	3.227	2.6311	7.3574	26.944	34.328	1.0099	0.0445	238.240	2.506	23.056	22.153	607.240	2.119	0.000

PROMEDIO 24 HORAS	4.877	2.27762	10.2852	30.439	40.700	0.76	0.0389
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 201	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 199	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 201	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 201	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	19/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
19/02/2019	00:00:00	1.821	2.6153	13.1750	49.996	62.642	1.1333	0.0420	154.170	0.986	47.562	18.189	607.460	2.136	0.000
19/02/2019	01:00:00	0.000	1.8637	16.6490	60.458	77.297	1.1234	0.0752	248.550	0.703	50.024	17.500	607.540	2.238	0.000
19/02/2019	02:00:00	6.335	1.4802	4.1519	14.643	18.689	0.4438	0.0535	240.680	3.992	32.106	19.808	607.330	2.126	0.000
19/02/2019	03:00:00	6.906	1.3115	3.2781	14.460	17.822	0.3676	0.0337	264.230	2.860	39.527	18.620	607.170	2.111	0.000
19/02/2019	04:00:00	7.707	1.3201	3.6926	17.335	20.996	0.3071	0.0273	247.670	3.065	43.746	18.224	606.940	2.093	0.000
19/02/2019	05:00:00	3.449	1.2865	23.4160	67.194	90.920	0.4918	0.0277	249.470	0.285	48.120	17.287	606.610	2.180	0.000
19/02/2019	06:00:00	0.909	1.1006	19.7020	72.931	93.220	0.5385	0.0217	157.400	0.299	55.910	15.399	606.600	2.030	0.000
19/02/2019	07:00:00	0.000	1.5327	34.1780	70.972	105.000	1.0458	0.0253	50.711	0.433	74.730	12.426	606.870	2.080	0.000
19/02/2019	08:00:00	0.000	2.1236	65.3630	87.876	153.130	1.1875	0.0950	119.080	0.236	76.645	12.673	607.310	57.031	0.000
19/02/2019	09:00:00	3.115	2.6081	82.3520	75.680	157.930	1.6485	0.1526	140.880	0.164	53.852	16.497	607.370	266.330	0.000
19/02/2019	10:00:00	1.946	1.8676	35.1920	49.465	84.679	1.1957	0.1226	146.060	1.474	38.398	19.816	607.540	474.230	0.000
19/02/2019	11:00:00	5.160	1.4584	12.0160	18.596	30.665	0.5243	0.0795	231.880	3.806	25.255	22.073	607.480	658.490	0.000
19/02/2019	12:00:00	8.090	1.4051	8.6192	13.296	21.905	0.4889	0.0360	234.130	4.306	17.791	24.298	607.070	785.470	0.000
19/02/2019	13:00:00	10.169	1.6193	6.3813	9.626	15.967	0.3028	0.0656	240.880	7.239	11.825	25.711	606.280	851.980	0.000
19/02/2019	14:00:00	11.132	1.5780	7.0539	12.060	19.019	0.5594	0.2131	230.220	6.541	14.195	26.135	605.700	834.150	0.000
19/02/2019	15:00:00	12.374	1.4714	5.5484	10.894	16.368	0.6873	0.1523	233.020	6.557	11.600	27.082	604.900	757.800	0.000
19/02/2019	16:00:00	10.222	1.4505	6.1440	11.946	18.097	0.4148	0.1387	224.860	6.214	10.373	27.476	604.360	616.070	0.000
19/02/2019	17:00:00	11.497	1.4631	4.5425	10.354	14.916	0.5692	0.1200	243.690	5.660	10.699	27.318	604.180	434.160	0.000
19/02/2019	18:00:00	6.400	1.4109	4.3545	11.993	16.351	0.3269	0.0626	243.760	5.390	11.515	26.723	604.340	229.190	0.000
19/02/2019	19:00:00	12.214	1.5010	3.3079	12.121	15.434	0.5033	0.0468	254.110	4.734	12.884	25.360	604.640	36.182	0.000
19/02/2019	20:00:00	5.346	1.6031	3.7328	18.480	22.214	0.3416	0.0467	254.700	3.298	15.331	24.215	605.090	2.349	0.000
19/02/2019	21:00:00	3.624	1.8374	9.5326	35.600	44.957	0.4416	0.0376	221.730	2.210	17.774	23.078	605.700	2.327	0.000
19/02/2019	22:00:00	1.878	1.7088	11.0240	39.785	50.805	0.6226	0.0277	230.880	1.885	20.556	21.898	606.140	2.187	0.000
19/02/2019	23:00:00	13.067	1.7708	16.5350	55.265	71.882	0.8594	0.0190	228.000	1.243	24.039	20.730	606.340	2.231	0.000

PROMEDIO 24 HORAS	<b>5.973</b>	<b>1.64115</b>	<b>16.6642</b>	<b>35.043</b>	<b>51.704</b>	<b>0.67</b>	<b>0.0718</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	20/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
20/02/2019	00:00:00	5.506	1.5452	13.6650	48.483	61.218	0.7666	0.0269	221.980	2.033	26.251	19.602	606.580	2.216	0.000
20/02/2019	01:00:00	16.617	1.6872	15.2140	55.667	71.023	0.3271	0.0194	227.400	1.539	28.718	18.347	606.600	2.141	0.000
20/02/2019	02:00:00	14.547	1.6433	6.6153	28.622	35.507	0.0570	0.0157	262.000	1.482	31.069	17.739	606.370	2.209	0.000
20/02/2019	03:00:00	18.025	1.5184	6.0426	27.506	33.616	0.0308	0.0217	258.860	1.716	35.165	16.946	606.100	2.120	0.000
20/02/2019	04:00:00	14.570	1.6789	7.2437	33.571	40.767	0.0000	0.0258	254.800	1.423	39.223	16.716	605.840	2.158	0.000
20/02/2019	05:00:00	0.170	1.5993	9.5011	38.450	47.799	0.1336	0.0282	244.560	1.651	44.272	16.175	605.780	2.241	0.000
20/02/2019	06:00:00	10.600	1.3514	5.6953	25.830	31.519	0.1440	0.0264	257.110	1.897	48.493	15.486	605.870	2.118	0.000
20/02/2019	07:00:00	4.051	1.4158	5.6994	23.783	29.440	0.4602	0.0222	261.050	2.264	51.942	14.924	606.150	2.162	0.000
20/02/2019	08:00:00	8.304	1.6257	14.2500	33.563	47.749	0.2231	0.0210	252.590	2.196	53.425	15.007	606.480	65.109	0.000
20/02/2019	09:00:00	15.936	2.0546	32.7130	50.277	83.052	0.6693	0.0430	187.460	0.870	47.437	16.538	606.760	269.990	0.000
20/02/2019	10:00:00	2.691	2.1276	37.2370	54.049	90.988	1.1129	0.0748	108.760	1.234	40.127	18.475	607.030	469.600	0.000
20/02/2019	11:00:00	0.000	1.7034	20.1900	36.328	56.783	1.2638	0.1075	97.438	1.139	34.889	19.947	607.060	648.960	0.000
20/02/2019	12:00:00	2.124	1.7657	16.1790	24.353	40.825	0.7291	0.0635	124.760	1.871	28.838	21.844	606.620	780.740	0.000
20/02/2019	13:00:00	3.958	1.5417	11.8040	18.528	30.519	1.5556	0.0507	120.560	2.696	25.288	23.450	605.710	839.220	0.000
20/02/2019	14:00:00	1.479	1.3347	7.1009	15.260	22.316	0.8014	0.0545	207.920	3.410	16.885	25.539	604.590	837.660	0.000
20/02/2019	15:00:00	6.281	1.3459	5.7940	12.885	18.665	0.4285	0.0387	234.230	3.332	13.769	26.636	603.610	762.380	0.000
20/02/2019	16:00:00	3.915	1.5822	5.6030	15.442	21.024	0.1530	0.0217	224.150	4.157	11.909	27.242	603.110	621.650	0.000
20/02/2019	17:00:00	4.689	1.9167	6.0139	16.301	22.259	0.4743	0.0411	216.650	3.429	15.035	26.880	602.980	388.080	0.000
20/02/2019	18:00:00	2.072	2.0278	4.3896	14.082	18.576	0.3699	0.0335	230.030	4.259	13.185	26.886	602.970	238.420	0.000
20/02/2019	19:00:00	0.825	2.2423	4.4552	13.859	18.345	0.2503	0.0401	240.440	4.925	12.522	25.464	603.260	33.905	0.000
20/02/2019	20:00:00	DI	2.6079	8.5905	26.929	35.444	0.1845	0.0379	231.130	3.394	14.646	24.130	603.760	2.286	0.000
20/02/2019	21:00:00	0.000	3.0699	11.7650	37.521	49.414	0.5121	0.0339	197.910	1.746	15.074	23.321	604.380	2.320	0.000
20/02/2019	22:00:00	DI	3.0510	10.6220	35.390	45.802	0.5396	0.0307	220.100	2.555	17.198	22.533	604.970	2.264	0.000
20/02/2019	23:00:00	9.075	2.9829	8.5055	28.895	37.573	0.5691	0.0243	234.290	2.878	20.687	21.120	605.400	2.252	0.000

PROMEDIO 24 HORAS	6.611	1.89248	11.4537	29.816	41.259	0.49	0.0376
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	21/02/2019

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								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
21/02/2019	00:00:00	13.824	3.0431	6.7487	23.815	30.607	0.4194	0.0246	229.760	3.384	24.276	20.516	605.670	2.179	0.000
21/02/2019	01:00:00	16.386	0.0111	5.9288	23.236	29.161	0.3338	0.0246	244.500	2.821	27.920	18.809	605.720	2.094	0.000
21/02/2019	02:00:00	10.060	0.0000	6.0897	25.311	31.459	0.0000	0.0242	243.520	2.316	31.556	17.955	605.420	2.190	0.000
21/02/2019	03:00:00	11.917	0.0000	6.7838	28.905	35.525	0.0000	0.0188	241.300	2.623	35.546	16.882	605.300	2.169	0.000
21/02/2019	04:00:00	12.861	0.0000	6.0968	25.199	31.463	0.0000	0.0141	240.510	2.812	38.551	16.177	605.280	2.013	0.000
21/02/2019	05:00:00	12.440	0.0000	9.4746	38.250	47.604	0.0000	0.0145	237.490	1.744	40.732	15.401	605.170	2.144	0.000
21/02/2019	06:00:00	8.870	0.0000	15.8320	59.369	75.629	0.0000	0.0126	230.770	1.100	44.612	14.890	605.280	2.169	0.000
21/02/2019	07:00:00	2.533	0.0000	35.0520	79.747	115.350	0.0000	0.0090	235.610	0.009	50.335	14.439	605.730	2.397	0.000
21/02/2019	08:00:00	6.495	0.2933	79.9790	66.230	145.530	1.0981	0.0277	114.980	0.423	49.655	12.603	606.140	65.872	0.000
21/02/2019	09:00:00	15.148	0.0000	70.3800	63.579	133.140	1.6920	0.1849	79.402	0.749	39.215	15.241	606.180	273.620	0.000
21/02/2019	10:00:00	17.882	0.0000	34.6650	40.540	75.238	1.6501	0.1815	198.140	1.613	26.696	19.495	606.210	491.820	0.000
21/02/2019	11:00:00	13.222	0.0000	11.5180	16.454	27.973	0.2423	0.0523	226.800	3.961	20.203	21.345	606.300	642.520	0.000
21/02/2019	12:00:00	0.709	0.0000	11.2840	14.514	25.824	0.0000	0.0454	220.790	4.187	15.365	23.281	605.800	760.780	0.000
21/02/2019	13:00:00	2.369	0.0000	11.6010	17.066	28.604	0.0000	0.0633	200.760	4.889	12.399	24.806	605.080	862.960	0.000
21/02/2019	14:00:00	7.509	0.0000	9.1019	14.907	23.991	0.0000	0.0754	210.490	5.359	11.770	25.811	604.320	847.860	0.000
21/02/2019	15:00:00	3.017	0.0000	7.4695	11.856	19.347	0.0000	0.0818	217.510	6.052	11.622	26.364	603.680	770.260	0.000
21/02/2019	16:00:00	8.886	0.0000	6.5337	12.604	19.126	0.1697	0.1402	221.030	5.900	10.898	26.772	603.510	634.100	0.000
21/02/2019	17:00:00	9.484	0.0000	5.2100	12.454	17.774	0.0000	0.0933	225.030	6.556	11.353	26.594	603.350	457.810	0.000
21/02/2019	18:00:00	3.397	0.0000	6.2089	16.364	22.688	0.0000	0.1036	220.760	4.873	12.155	26.268	603.760	233.120	0.000
21/02/2019	19:00:00	0.729	0.0000	6.0766	16.904	23.052	0.0000	0.0584	226.860	4.718	13.899	24.720	604.380	30.677	0.000
21/02/2019	20:00:00	4.909	0.0000	6.2532	19.772	25.962	0.0855	0.0488	235.210	4.127	18.037	23.178	605.040	2.248	0.000
21/02/2019	21:00:00	DI	0.0000	9.0525	26.904	35.742	0.0719	0.0376	230.570	2.795	21.439	22.027	605.810	2.182	0.000
21/02/2019	22:00:00	DI	0.0000	9.5850	31.579	40.916	0.0000	0.0298	202.150	2.607	24.692	21.504	606.260	2.217	0.000
21/02/2019	23:00:00	2.949	0.0000	11.1930	38.303	49.630	0.2160	0.0319	191.180	2.294	27.911	20.785	606.600	2.292	0.000

PROMEDIO 24 HORAS	8.436	0.13948	16.1716	30.161	46.306	0.25	0.0583
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1993)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1993)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	22/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
22/02/2019	00:00:00	0.000	0.0000	11.6100	39.153	50.732	0.2173	0.0239	202.720	2.314	30.535	20.171	606.650	2.267	0.000
22/02/2019	01:00:00	11.770	0.9180	12.6200	42.701	55.483	0.2610	0.0208	192.520	2.137	35.080	19.339	606.570	2.102	0.000
22/02/2019	02:00:00	1.010	1.3956	11.8020	40.714	52.467	0.3025	0.0200	194.170	1.986	38.862	18.855	606.240	2.166	0.000
22/02/2019	03:00:00	11.380	1.2335	13.0690	47.012	60.297	0.5114	0.0152	150.380	1.238	41.017	17.710	606.140	2.216	0.000
22/02/2019	04:00:00	13.059	1.2175	14.5380	55.856	70.250	1.1697	0.0244	139.810	1.079	44.670	16.018	606.000	2.196	0.000
22/02/2019	05:00:00	15.782	0.9891	3.7124	17.012	20.682	0.6309	0.0301	256.440	3.212	49.586	16.348	606.220	2.107	0.000
22/02/2019	06:00:00	14.898	0.9469	2.9208	13.695	16.653	0.1317	0.0178	258.320	3.077	54.469	16.004	606.600	2.056	0.000
22/02/2019	07:00:00	6.911	1.1118	3.7015	15.422	19.080	0.4251	0.0075	260.950	3.641	57.598	15.877	607.110	2.180	0.000
22/02/2019	08:00:00	8.789	1.1573	8.5238	26.290	34.819	0.3421	0.0174	249.240	2.641	58.917	15.508	607.740	52.302	0.000
22/02/2019	09:00:00	6.711	1.1806	7.2739	19.028	26.352	0.1477	0.0297	244.270	3.972	57.269	16.123	608.090	185.120	0.000
22/02/2019	10:00:00	12.862	1.2699	6.1676	16.576	22.691	0.3540	0.0255	244.180	4.275	54.193	17.133	608.530	377.150	0.000
22/02/2019	11:00:00	3.366	1.2541	6.9478	18.638	25.509	0.3416	0.0285	225.410	3.933	44.374	19.072	608.670	643.100	0.000
22/02/2019	12:00:00	1.423	1.1615	5.5014	13.409	18.866	0.2854	0.0432	237.620	4.524	32.501	21.073	608.390	510.040	0.000
22/02/2019	13:00:00	4.956	1.2500	4.5136	9.867	14.357	0.3799	0.0353	249.630	4.476	27.909	22.093	608.040	621.240	0.000
22/02/2019	14:00:00	4.390	1.2949	5.9479	12.314	18.098	0.4271	0.0378	238.960	4.459	25.907	22.870	607.400	539.680	0.000
22/02/2019	15:00:00	7.686	1.1723	7.1094	16.288	23.328	0.3720	0.0356	226.250	4.500	24.523	24.027	606.690	586.740	0.000
22/02/2019	16:00:00	9.439	1.1069	6.0932	13.817	19.952	0.4060	0.0519	229.130	5.042	25.221	24.111	606.380	427.060	0.000
22/02/2019	17:00:00	6.835	1.1133	6.1751	13.094	19.293	0.2546	0.0493	228.980	5.236	25.637	24.584	606.390	325.110	0.000
22/02/2019	18:00:00	7.440	1.1591	6.1345	14.282	20.424	0.2162	0.0414	224.010	5.346	26.991	24.065	606.590	115.510	0.000
22/02/2019	19:00:00	6.744	1.2219	5.4502	14.295	19.664	0.2145	0.0388	240.160	5.384	29.299	23.063	607.190	35.664	0.000
22/02/2019	20:00:00	7.518	1.3388	5.9009	19.146	24.988	0.0929	0.0400	242.580	4.112	32.041	22.125	607.820	2.254	0.000
22/02/2019	21:00:00	5.708	1.3828	6.2381	20.225	26.444	0.2924	0.0358	247.830	3.350	33.323	21.399	608.490	2.256	0.000
22/02/2019	22:00:00	3.697	1.3426	8.5691	28.123	36.663	0.4383	0.0246	239.630	2.433	36.415	20.607	609.040	2.203	0.000
22/02/2019	23:00:00	7.026	1.4774	6.8083	21.655	28.582	0.5284	0.0199	240.620	3.046	39.077	19.933	609.480	2.230	0.000

PROMEDIO 24 HORAS	<b>7.475</b>	<b>1.15399</b>	<b>7.3887</b>	<b>22.859</b>	<b>30.236</b>	<b>0.36</b>	<b>0.0298</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	23/02/2019

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	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
23/02/2019	00:00:00	4.999	1.3047	9.7308	31.573	41.117	0.3192	0.0162	226.650	2.527	41.541	19.279	609.590	2.254	0.000
23/02/2019	01:00:00	4.461	0.8759	11.1420	36.816	47.827	0.3742	0.0140	224.600	2.197	44.931	18.544	609.500	2.107	0.000
23/02/2019	02:00:00	6.079	0.7259	11.0430	36.787	47.859	0.5589	0.0117	216.550	2.432	47.846	17.830	609.200	2.152	0.000
23/02/2019	03:00:00	10.636	0.5476	6.5896	19.992	26.533	0.6569	0.0139	224.720	3.908	50.484	17.231	608.960	2.226	0.000
23/02/2019	04:00:00	11.012	0.3397	5.1851	17.425	22.795	0.5302	0.0142	231.220	4.292	51.320	16.693	608.690	2.181	0.000
23/02/2019	05:00:00	3.319	0.3337	5.9099	20.913	26.969	0.5273	0.0113	224.210	4.326	53.172	16.081	608.840	2.149	0.000
23/02/2019	06:00:00	7.675	0.4892	7.0493	23.768	30.733	0.4770	0.0097	223.510	3.742	54.629	15.766	608.880	2.107	0.000
23/02/2019	07:00:00	0.000	0.6285	7.4247	28.568	35.878	0.5279	0.0117	232.140	2.891	52.573	15.757	608.810	2.110	0.000
23/02/2019	08:00:00	1.790	0.6659	6.6786	22.906	29.546	0.5566	0.0077	235.370	3.908	51.136	15.892	609.640	20.805	0.000
23/02/2019	09:00:00	8.312	0.6867	7.6866	21.561	29.177	0.4695	0.0036	232.250	3.939	53.510	15.825	610.060	156.780	0.000
23/02/2019	10:00:00	3.991	0.7956	7.9687	21.499	29.404	0.5005	0.0109	228.600	4.206	48.247	17.564	610.230	402.550	0.000
23/02/2019	11:00:00	10.018	0.6277	8.5028	24.204	32.770	0.5340	0.0200	226.930	3.417	40.574	19.385	610.010	523.410	0.000
23/02/2019	12:00:00	6.600	0.6810	6.9247	20.274	27.162	0.7426	0.0293	219.730	3.265	35.411	21.145	609.370	621.610	0.000
23/02/2019	13:00:00	1.672	0.4856	6.0653	15.320	21.373	0.5532	0.0253	230.560	4.382	31.408	22.993	608.580	657.890	0.000
23/02/2019	14:00:00	0.000	0.4020	6.5239	17.834	24.177	0.6468	0.0378	216.120	4.295	29.281	23.912	607.950	559.290	0.000
23/02/2019	15:00:00	5.347	0.2850	4.4863	11.198	15.684	0.6282	0.0357	242.030	4.657	26.142	24.568	607.390	352.180	0.000
23/02/2019	16:00:00	3.215	0.2758	3.9016	10.319	14.247	0.8855	0.0377	256.240	4.070	25.981	24.547	607.320	305.790	0.000
23/02/2019	17:00:00	31.466	0.2910	3.7747	12.184	16.005	1.0001	0.0255	259.260	3.416	25.773	24.541	607.320	211.760	0.000
23/02/2019	18:00:00	5.597	0.1881	2.7810	11.757	14.518	1.4785	0.0180	273.360	2.643	26.397	23.957	607.600	90.269	0.000
23/02/2019	19:00:00	18.390	0.4138	3.7613	19.478	23.130	0.9522	0.0142	289.130	1.798	28.220	23.207	607.940	15.988	0.000
23/02/2019	20:00:00	1.140	0.5289	6.5573	30.272	36.879	0.6108	0.0226	254.410	1.427	28.810	22.637	608.380	2.214	0.000
23/02/2019	21:00:00	DI	0.6001	11.7190	41.969	53.942	0.7067	0.0181	234.070	1.480	29.918	22.083	608.990	2.207	0.000
23/02/2019	22:00:00	26.512	0.7510	12.5490	45.706	58.540	0.9654	0.0220	217.880	1.451	31.069	21.575	609.490	2.228	0.000
23/02/2019	23:00:00	1.678	0.6457	15.2240	56.970	72.271	0.9317	0.0235	175.480	1.049	31.723	21.228	609.810	2.120	0.000

PROMEDIO 24 HORAS	<b>7.561</b>	<b>0.56538</b>	<b>7.4658</b>	<b>24.971</b>	<b>32.439</b>	<b>0.67</b>	<b>0.0189</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	24/02/2019

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							DATOS METEOROLÓGICOS						
		CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/02/2019	00:00:00	0.5466	15.6020	50.691	65.937	1.1738	0.0166	142.720	1.470	36.639	20.569	610.040	2.169	0.000
24/02/2019	01:00:00	1.2973	17.6090	56.977	75.224	1.2190	0.0260	100.770	0.945	50.522	18.989	609.950	2.154	0.000
24/02/2019	02:00:00	1.8514	CAL	CAL	CAL	0.9170	0.0387	76.269	2.066	60.699	17.788	609.800	2.179	0.000
24/02/2019	03:00:00	CAL	12.0210	32.186	44.220	0.8813	0.0414	88.331	2.080	71.051	16.793	609.730	2.047	0.000
24/02/2019	04:00:00	1.4967	10.8650	27.347	38.128	CAL	0.0485	85.657	2.236	75.244	16.111	609.670	2.147	0.000
24/02/2019	05:00:00	1.4956	10.8430	33.854	45.047	1.0094	0.0414	75.062	1.955	80.905	15.451	609.810	1.986	0.000
24/02/2019	06:00:00	1.1586	16.4170	66.283	82.588	1.3677	0.0426	56.684	0.644	89.476	14.891	610.070	2.171	0.000
24/02/2019	07:00:00	1.2354	11.8090	39.585	51.859	1.2022	0.0442	74.459	2.074	93.075	14.755	610.340	2.177	0.000
24/02/2019	08:00:00	1.2630	6.1412	18.290	24.556	0.5601	0.0487	85.576	3.152	93.915	14.913	610.870	23.510	0.000
24/02/2019	09:00:00	1.2428	4.9124	13.591	18.620	0.8008	0.0441	90.755	3.805	93.785	14.979	611.500	105.870	0.000
24/02/2019	10:00:00	1.4195	4.3760	14.138	18.521	0.6871	0.0404	84.645	3.742	89.447	15.329	611.860	92.901	0.000
24/02/2019	11:00:00	1.3588	3.0924	12.071	15.208	0.5292	0.0344	84.044	4.438	86.075	15.507	611.990	120.850	0.000
24/02/2019	12:00:00	1.2254	2.8495	10.521	13.402	0.5424	0.0413	92.143	4.907	75.882	16.310	611.700	220.300	0.000
24/02/2019	13:00:00	1.1041	2.3409	11.206	13.732	0.6104	0.0520	115.610	5.949	70.515	16.656	611.200	401.770	0.000
24/02/2019	14:00:00	1.2368	2.2351	10.390	12.590	0.7061	0.0591	100.430	4.774	73.304	15.754	610.820	159.780	0.000
24/02/2019	15:00:00	1.1077	2.0731	11.309	13.312	0.6439	0.0313	87.800	4.563	66.160	16.321	610.090	217.580	0.000
24/02/2019	16:00:00	1.0034	2.1183	10.726	12.913	0.6631	0.0528	79.888	4.687	59.244	17.056	609.540	346.170	0.000
24/02/2019	17:00:00	1.0544	2.0641	10.054	12.199	0.7261	0.0709	82.016	5.454	57.616	16.834	609.110	390.450	0.000
24/02/2019	18:00:00	1.0259	1.9091	9.878	11.785	0.6865	0.1151	77.267	5.598	61.682	15.043	609.380	216.550	0.000
24/02/2019	19:00:00	1.1278	1.7060	9.361	11.064	0.7010	0.0917	78.939	5.329	65.862	13.198	609.730	22.545	0.000
24/02/2019	20:00:00	1.1895	2.2900	11.404	13.716	0.9669	0.0574	81.378	4.760	61.109	12.398	610.120	1.948	0.000
24/02/2019	21:00:00	1.4385	4.0102	20.143	23.947	0.6470	0.0496	83.242	3.499	61.420	12.056	610.680	1.879	0.000
24/02/2019	22:00:00	1.6401	4.7411	20.732	25.366	0.5983	0.0332	101.140	3.182	62.827	11.887	611.200	1.948	0.000
24/02/2019	23:00:00	1.6051	6.3383	26.948	33.276	0.8245	0.0321	124.720	3.234	64.411	12.008	611.480	2.028	0.000

PROMEDIO 24 HORAS	1.26628	6.4506	22.943	29.444	0.81	0.0481
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	25/02/2019

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	DATOS METEOROLÓGICOS												
		CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
25/02/2019	00:00:00	1.4204	6.2478	26.017	32.218	0.6570	0.0300	123.670	3.440	66.701	11.719	611.490	1.983	0.000
25/02/2019	01:00:00	0.0000	5.0588	19.007	24.223	0.3243	0.0258	110.700	3.557	69.829	11.413	611.580	1.967	0.000
25/02/2019	02:00:00	0.0000	7.8611	32.728	40.554	0.0000	0.0251	117.610	2.881	74.631	11.041	611.410	1.884	0.000
25/02/2019	03:00:00	0.0000	8.2254	38.578	46.836	0.0000	0.0325	247.310	2.069	72.444	10.027	611.150	2.021	0.000
25/02/2019	04:00:00	0.0000	6.6212	34.002	40.551	0.0000	0.0351	305.490	1.562	71.348	9.161	610.930	1.882	0.000
25/02/2019	05:00:00	0.0000	9.1062	44.334	53.735	0.0000	0.0229	311.000	1.065	72.897	8.988	610.980	1.953	0.000
25/02/2019	06:00:00	0.0000	12.0680	57.295	69.734	0.0000	0.0264	169.800	0.218	74.018	8.882	610.990	2.068	0.000
25/02/2019	07:00:00	0.0000	9.2715	47.708	56.416	0.0000	0.0278	305.570	1.073	74.362	8.761	611.170	2.026	0.000
25/02/2019	08:00:00	0.0000	20.5240	62.225	82.608	0.0000	0.0317	323.180	1.055	75.642	8.772	611.630	44.205	0.000
25/02/2019	09:00:00	0.0000	22.5250	67.709	89.723	0.0065	0.0526	254.110	0.401	72.132	9.832	612.060	144.790	0.000
25/02/2019	10:00:00	0.0000	32.4870	77.797	110.770	0.0000	0.0558	132.210	0.807	62.661	12.191	612.020	381.060	0.000
25/02/2019	11:00:00	0.0000	28.4810	55.050	83.705	0.1456	0.0923	115.390	1.126	56.975	14.710	612.050	522.630	0.000
25/02/2019	12:00:00	0.0000	20.3540	45.073	65.349	2.7045	0.1090	104.840	0.569	51.010	17.877	611.610	650.730	0.000
25/02/2019	13:00:00	0.0000	16.4860	38.173	54.517	4.3124	0.1189	113.620	0.947	42.551	20.915	610.690	719.090	0.000
25/02/2019	14:00:00	0.0000	12.4410	28.349	40.537	5.4850	0.0988	93.325	1.636	35.097	23.608	609.740	585.730	0.000
25/02/2019	15:00:00	0.0000	9.7963	24.612	34.308	2.0399	0.0905	103.210	1.999	32.981	23.650	608.960	221.920	0.000
25/02/2019	16:00:00	0.0000	8.5125	18.954	27.357	0.9198	0.0647	117.990	3.045	34.485	23.567	608.440	234.060	0.000
25/02/2019	17:00:00	0.0000	8.6945	24.695	33.580	0.7842	0.0703	157.590	2.824	32.941	23.375	608.110	122.720	0.000
25/02/2019	18:00:00	0.0000	6.7116	24.126	30.949	0.4615	0.0893	152.380	3.337	41.359	22.111	608.460	91.996	0.000
25/02/2019	19:00:00	0.0000	7.8425	32.656	40.350	0.4616	0.1029	82.256	2.225	48.884	20.080	609.080	18.750	0.000
25/02/2019	20:00:00	0.0000	22.7490	72.697	95.581	0.2618	0.0893	157.220	1.087	48.502	19.834	609.370	2.214	0.000
25/02/2019	21:00:00	0.0000	37.4380	71.046	108.610	0.4634	0.0633	146.250	1.685	50.125	18.737	609.680	2.144	0.000
25/02/2019	22:00:00	0.0000	28.9140	66.490	95.751	0.7286	0.0686	122.480	1.493	52.147	17.566	610.110	2.166	0.000
25/02/2019	23:00:00	0.0000	33.1180	98.921	132.180	0.6596	0.0992	140.810	0.489	54.200	17.209	610.720	2.092	0.000

PROMEDIO 24 HORAS	0.05918	15.8973	46.177	62.089	0.85	0.0635
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	26/02/2019

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	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
								WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
26/02/2019	00:00:00	0.0000	33.6550	82.186	114.950	0.2003	0.0539	118.630	1.284	57.244	16.423	610.880	2.089	0.000
26/02/2019	01:00:00	0.0000	38.8620	102.990	142.030	0.6759	0.0402	113.750	0.160	60.734	15.614	610.700	2.127	0.000
26/02/2019	02:00:00	0.0000	15.9700	55.187	71.183	1.6207	0.0507	308.290	1.082	66.622	14.220	610.590	2.094	0.000
26/02/2019	03:00:00	0.0000	17.0270	62.593	79.598	1.2865	0.0871	307.270	0.647	68.588	13.536	610.410	1.970	0.000
26/02/2019	04:00:00	0.0000	19.6190	69.953	89.591	1.2573	0.0657	297.490	0.240	69.087	12.961	610.270	2.085	0.000
26/02/2019	05:00:00	0.0000	36.9230	99.312	135.980	1.4904	0.0700	300.720	0.000	69.929	12.591	610.160	2.000	0.000
26/02/2019	06:00:00	0.0000	58.0490	107.080	165.070	1.4403	0.0626	303.820	0.000	72.285	11.823	610.320	2.097	0.000
26/02/2019	07:00:00	0.0000	117.2000	108.540	226.050	1.7311	0.0663	304.580	0.000	73.445	11.549	610.520	2.207	0.000
26/02/2019	08:00:00	0.5109	212.3600	118.370	331.480	2.7118	0.0900	287.860	0.002	70.304	12.374	610.750	64.233	0.000
26/02/2019	09:00:00	0.2427	138.8300	88.676	227.130	3.0624	0.1569	178.430	0.573	65.216	14.762	610.950	256.380	0.000
26/02/2019	10:00:00	0.0000	92.5460	79.798	172.100	3.5769	0.1534	89.625	0.447	55.571	17.627	611.340	472.020	0.000
26/02/2019	11:00:00	0.0000	49.5000	55.462	104.630	3.0713	0.1715	122.350	0.441	42.833	20.774	611.570	624.940	0.000
26/02/2019	12:00:00	0.0000	44.0650	38.615	82.723	2.4610	0.1658	128.320	0.538	30.815	23.915	611.230	781.810	0.000
26/02/2019	13:00:00	0.0000	28.7300	30.655	59.717	1.9407	0.0823	172.970	1.058	23.477	25.785	610.520	863.610	0.000
26/02/2019	14:00:00	0.0000	18.0340	19.870	37.780	1.4663	0.0539	203.590	1.774	17.705	27.017	609.560	886.060	0.000
26/02/2019	15:00:00	0.0000	13.0020	15.943	28.949	0.9491	0.0251	226.660	2.084	14.887	27.860	608.630	803.510	0.000
26/02/2019	16:00:00	0.0000	10.1300	16.622	26.838	1.3532	0.0151	217.280	1.828	13.750	28.214	607.960	543.470	0.000
26/02/2019	17:00:00	0.0000	5.1284	13.441	18.707	1.4091	0.0178	234.440	1.305	11.991	28.456	607.690	402.390	0.000
26/02/2019	18:00:00	0.0000	6.3793	15.401	21.904	1.5719	0.0125	211.480	1.436	12.669	28.380	607.680	277.210	0.000
26/02/2019	19:00:00	0.0000	5.0581	16.477	21.469	1.1910	0.0185	195.590	1.857	16.437	26.951	607.970	38.822	0.000
26/02/2019	20:00:00	0.0000	10.0240	15.545	25.520	1.3975	0.0223	105.470	4.058	29.044	24.077	608.540	2.050	0.000
26/02/2019	21:00:00	0.0000	10.3780	24.004	34.257	1.4300	0.0462	129.870	2.822	29.941	23.513	609.080	2.182	0.000
26/02/2019	22:00:00	0.0000	13.6510	32.608	46.405	1.4253	0.0483	121.880	2.281	32.340	22.601	609.510	2.148	0.000
26/02/2019	23:00:00	0.0000	44.6140	56.555	100.910	2.1651	0.0530	130.380	0.384	35.961	21.221	609.660	2.231	0.000

PROMEDIO 24 HORAS	0.03140	43.3223	55.245	98.540	1.70	0.0679
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110	0.075

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
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	27/02/2019

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	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
27/02/2019	00:00:00	DI	0.0000	65.8230	77.574	144.340	2.3796	0.0685	323.690	0.047	39.832	19.624	609.800	2.149	0.000
27/02/2019	01:00:00	DI	0.6123	46.1810	62.715	108.770	1.8731	0.0896	296.860	0.937	42.327	18.430	610.010	2.092	0.000
27/02/2019	02:00:00	DI	0.5520	18.6240	63.292	82.119	0.0000	0.0775	308.290	0.971	52.722	16.087	610.180	2.115	0.000
27/02/2019	03:00:00	DI	0.3787	22.2480	79.549	102.310	0.0000	0.0455	338.430	0.032	57.611	15.784	610.010	2.097	0.000
27/02/2019	04:00:00	DI	0.6699	13.8130	50.148	64.030	0.0000	0.0388	305.720	0.602	51.897	15.216	609.890	2.007	0.000
27/02/2019	05:00:00	DI	0.3974	25.1040	87.664	112.960	0.0000	0.0492	318.330	0.026	51.896	14.224	610.070	2.056	0.000
27/02/2019	06:00:00	DI	0.4325	28.5270	101.590	130.510	0.0576	0.0384	319.620	0.001	65.587	13.606	610.230	2.098	0.000
27/02/2019	07:00:00	DI	0.8896	45.5220	103.430	149.250	0.0000	0.0385	299.070	0.000	59.623	13.969	610.310	2.280	0.000
27/02/2019	08:00:00	DI	1.3418	66.3220	94.481	160.450	0.2571	0.0367	161.320	0.000	54.982	14.119	610.550	74.767	0.000
27/02/2019	09:00:00	DI	1.7053	67.5200	78.657	146.160	0.6757	0.0887	101.820	0.627	60.386	15.709	610.830	275.790	0.000
27/02/2019	10:00:00	DI	1.2768	39.7130	72.796	111.890	0.4314	0.1359	90.193	0.378	50.450	19.372	611.000	486.010	0.000
27/02/2019	11:00:00	DI	1.1759	28.0950	42.906	71.086	0.3883	0.0946	128.190	0.773	40.415	21.732	611.000	665.000	0.000
27/02/2019	12:00:00	DI	0.9797	18.7700	34.379	53.141	0.4447	0.0857	134.960	0.920	28.509	23.678	610.520	799.860	0.000
27/02/2019	13:00:00	AE	0.7321	11.6360	27.062	38.759	0.3832	0.0538	121.620	0.736	23.692	25.262	609.730	860.660	0.000
27/02/2019	14:00:00		1.149	0.7779	2.4824	19.807	0.2185	0.0569	145.470	0.933	20.330	26.731	608.820	836.950	0.000
27/02/2019	15:00:00		4.074	0.6302	2.2235	16.485	0.0729	0.0531	99.845	1.120	18.785	27.621	607.900	755.520	0.000
27/02/2019	16:00:00		4.920	0.5363	1.5022	15.296	0.1064	0.0444	186.250	0.867	16.581	28.301	607.300	614.990	0.000
27/02/2019	17:00:00		6.234	0.4971	2.1074	13.907	0.0000	0.0363	128.630	1.531	14.411	28.713	606.920	425.840	0.000
27/02/2019	18:00:00		3.053	0.6368	2.4056	14.064	0.0000	0.0299	78.838	1.985	12.990	28.703	606.900	203.740	0.000
27/02/2019	19:00:00		2.772	0.6761	2.4266	11.683	0.0000	0.0226	85.931	4.002	29.070	25.807	607.130	19.027	0.000
27/02/2019	20:00:00		2.236	0.7561	2.2205	11.113	0.0000	0.0591	101.970	4.348	33.394	23.828	607.580	2.060	0.000
27/02/2019	21:00:00		2.109	0.9407	4.2179	23.089	0.0000	0.0537	111.250	2.716	33.851	22.929	608.050	2.041	0.000
27/02/2019	22:00:00		2.137	0.9451	16.7180	43.560	0.2649	0.0460	98.669	1.439	36.736	22.208	608.440	2.094	0.000
27/02/2019	23:00:00		2.202	1.3147	30.5720	45.222	0.5480	0.0734	104.840	1.106	39.604	21.505	608.470	2.039	0.000

PROMEDIO 24 HORAS	3.089	0.78562	23.5323	49.603	73.188	0.34	0.0590
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1993)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1993)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	28/02/2019

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	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
28/02/2019	00:00:00	1.196	1.3847	44.3860	76.659	121.260	1.1396	0.0968	179.170	0.069	43.450	19.905	608.430	2.033	0.000
28/02/2019	01:00:00	0.818	1.4785	32.1250	56.427	88.476	1.5385	0.1016	313.710	1.362	46.351	18.428	608.460	2.030	0.000
28/02/2019	02:00:00	2.366	1.0779	12.5200	48.797	61.337	0.5750	0.1223	250.270	1.480	52.625	17.073	608.620	1.986	0.000
28/02/2019	03:00:00	3.216	1.0323	16.4960	58.460	75.306	0.3366	0.0505	186.750	0.493	60.999	16.095	608.530	2.020	0.000
28/02/2019	04:00:00	1.866	0.7069	20.8070	78.865	99.692	0.4410	0.0424	177.590	0.000	74.452	14.744	608.190	1.960	0.000
28/02/2019	05:00:00	1.772	1.0459	19.4810	70.872	89.872	0.2558	0.1228	314.130	0.000	74.904	14.885	607.920	1.954	0.000
28/02/2019	06:00:00	1.365	0.6892	27.0210	78.329	105.470	0.5055	0.0553	281.070	0.000	65.847	14.450	608.040	1.928	0.000
28/02/2019	07:00:00	0.947	1.3679	58.3710	102.420	160.790	0.6505	0.0698	199.380	0.000	63.427	13.499	608.370	2.136	0.000
28/02/2019	08:00:00	1.005	2.6076	139.6000	90.087	230.260	1.3558	0.1098	230.640	0.000	63.262	14.250	608.620	56.540	0.000
28/02/2019	09:00:00	0.581	2.5501	110.9800	88.027	198.980	2.0178	0.1766	33.328	0.000	66.837	15.098	608.960	174.840	0.000
28/02/2019	10:00:00	1.345	2.3023	72.9220	68.161	141.690	1.9184	0.2381	84.880	0.345	50.333	19.490	608.990	482.010	0.000
28/02/2019	11:00:00	2.064	2.0021	54.7150	40.277	95.441	1.4253	0.1716	110.850	1.884	35.925	22.528	608.700	658.100	0.000
28/02/2019	12:00:00	3.000	1.7346	37.2150	37.953	75.161	1.4062	0.1727	119.270	1.401	23.033	25.708	608.160	795.890	0.000
28/02/2019	13:00:00	3.050	1.6855	21.1460	29.945	50.943	1.0229	0.0867	121.180	1.111	19.392	27.609	607.310	852.410	0.000
28/02/2019	14:00:00	4.809	1.2413	9.3345	21.830	31.068	0.6067	0.0766	202.610	1.924	13.752	29.601	606.310	856.590	0.000
28/02/2019	15:00:00	6.979	1.1520	7.2457	15.406	22.632	0.1077	0.0411	241.190	3.327	10.339	30.607	605.310	787.030	0.000
28/02/2019	16:00:00	8.320	1.0513	6.3045	14.097	20.434	0.1485	0.0333	244.140	3.798	9.095	31.063	604.640	649.610	0.000
28/02/2019	17:00:00	12.208	1.0987	4.2399	13.230	17.494	0.3935	0.0262	261.610	3.622	9.105	30.928	604.580	451.910	0.000
28/02/2019	18:00:00	12.252	1.0567	3.2698	12.021	15.311	0.3001	0.0303	265.830	3.085	9.738	30.588	604.800	234.970	0.000
28/02/2019	19:00:00	8.358	1.4168	4.1408	17.300	21.499	0.6417	0.0245	249.620	2.601	10.607	29.632	605.100	43.098	0.000
28/02/2019	20:00:00	3.496	1.6008	6.1858	28.119	34.388	0.4504	0.0261	236.280	2.150	12.203	27.945	605.420	2.383	0.000
28/02/2019	21:00:00	2.552	1.8952	14.9190	35.879	50.860	0.5737	0.0279	135.580	1.415	20.576	25.377	606.120	2.269	0.000
28/02/2019	22:00:00	2.583	1.7774	9.3698	29.993	39.105	0.6341	0.0642	100.710	1.924	38.836	22.765	607.050	2.267	0.000
28/02/2019	23:00:00	2.037	1.6793	12.4590	34.424	47.089	0.6888	0.0693	128.800	2.225	54.603	20.325	607.560	2.004	0.000

PROMEDIO 24 HORAS	3.674	1.48479	31.0522	47.816	78.940	0.80	0.0848
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 201	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 199	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 199	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 201	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 201	75 µg/m <sup>3</sup>