

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/12/2018

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
01/12/2018	01:00:00	BIT	0.1073	0.3631	5.611	5.974	5.2732	0.0141	239.450	1.549	47.097	15.323	606.960	2.306	0.000
01/12/2018	02:00:00	BIT	0.0000	0.2245	4.594	4.822	6.0874	0.0102	220.290	4.067	51.034	14.653	606.980	2.228	0.000
01/12/2018	03:00:00	BIT	0.0000	0.1170	4.434	4.550	6.1334	0.0092	241.310	5.509	53.976	14.090	606.790	2.220	0.000
01/12/2018	04:00:00	BIT	0.0000	0.1466	4.071	4.215	AE	0.0093	243.360	5.198	57.240	13.595	606.630	2.216	0.000
01/12/2018	05:00:00	BIT	0.0000	0.3159	4.104	4.424	5.9904	0.0086	238.320	5.230	62.195	13.244	606.600	2.241	0.000
01/12/2018	06:00:00	BIT	0.0000	0.3331	4.420	4.755	6.0212	0.0195	236.960	5.223	62.443	13.286	606.650	2.248	0.000
01/12/2018	07:00:00	BIT	0.0000	0.3280	5.139	5.466	6.3755	0.0161	239.590	4.822	65.355	12.902	606.870	2.354	0.000
01/12/2018	08:00:00	BIT	0.0000	0.7385	6.964	7.704	6.2271	0.0115	233.790	3.299	64.155	13.021	607.340	80.090	0.000
01/12/2018	09:00:00	BIT	0.0000	1.7128	7.021	8.738	6.3413	0.0113	214.430	4.399	58.498	14.514	607.400	288.160	0.000
01/12/2018	10:00:00	BIT	0.0000	2.3290	6.842	9.176	6.2412	0.0170	218.600	3.692	48.496	16.253	607.600	480.450	0.000
01/12/2018	11:00:00	BIT	0.0000	5.2827	11.101	16.424	6.5528	0.0221	206.740	2.920	41.551	18.234	607.610	631.250	0.000
01/12/2018	12:00:00	BIT	0.0000	2.6747	6.439	9.105	6.2291	0.0292	217.790	3.053	36.221	20.080	607.160	727.310	0.000
01/12/2018	13:00:00	BIT	0.0000	1.7878	5.486	7.272	6.2415	0.0196	210.450	2.878	31.047	21.975	606.410	754.480	0.000
01/12/2018	14:00:00	BIT	0.0000	2.1105	6.739	8.841	6.5589	0.0163	201.770	2.769	26.839	23.509	605.500	718.150	0.000
01/12/2018	15:00:00	BIT	0.0000	2.1198	7.055	9.156	6.3029	0.0157	205.700	2.590	19.628	24.689	604.800	627.890	0.000
01/12/2018	16:00:00	BIT	0.0000	2.3320	6.885	9.209	6.4116	0.0154	222.490	2.908	17.745	25.067	604.470	470.380	0.000
01/12/2018	17:00:00	BIT	0.0000	2.1633	7.740	9.886	6.5248	0.0108	214.550	2.885	20.639	24.774	604.460	272.420	0.000
01/12/2018	18:00:00	BIT	0.0409	1.7687	13.135	14.906	6.2713	0.0040	247.980	2.154	20.435	24.090	604.640	70.059	0.000
01/12/2018	19:00:00	BIT	0.4280	6.6240	33.683	40.337	6.7055	0.0066	248.290	1.554	29.135	21.793	605.070	2.933	0.000
01/12/2018	20:00:00	BIT	0.5726	13.6840	38.610	52.380	6.8562	0.0296	249.400	1.709	36.187	20.213	605.560	2.170	0.000
01/12/2018	21:00:00	BIT	0.3123	2.7737	20.441	23.266	6.6761	0.0405	237.730	1.953	37.486	19.272	606.000	2.212	0.000
01/12/2018	22:00:00	BIT	0.1396	2.5523	25.347	27.889	6.5448	0.0239	219.060	1.868	38.324	18.769	606.460	2.319	0.000
01/12/2018	23:00:00	BIT	0.3037	2.7762	19.948	22.681	6.4990	0.0298	249.400	2.425	41.431	17.627	606.620	2.208	0.000

PROMEDIO 24 HORAS	#iDIV/0!	0.08280	2.4025	11.122	13.529	6.32	0.0170
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:	02/12/2018

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
02/12/2018	00:00:00	BIT	0.0000	1.2233	10.081	11.327	6.5203	0.0248	236.590	3.872	40.561	17.326	606.730	2.195	0.000
02/12/2018	01:00:00	CAL	0.0219	0.5693	6.462	7.029	6.4262	0.0178	236.220	4.297	42.109	16.979	606.580	2.131	0.000
02/12/2018	02:00:00	BIT	0.2732	CAL	CAL	CAL	6.6880	0.0178	233.030	3.787	45.708	16.760	606.490	2.184	0.000
02/12/2018	03:00:00	BIT	CAL	0.1715	4.969	5.139	6.6818	0.0124	228.220	4.075	49.519	16.252	606.230	2.218	0.000
02/12/2018	04:00:00	BIT	0.1095	0.2522	5.492	5.746	6.7017	0.0219	237.510	4.518	56.125	15.416	606.180	2.217	0.000
02/12/2018	05:00:00	BIT	0.0000	0.3324	4.676	5.007	6.7677	0.0207	234.400	5.025	61.470	14.683	606.200	2.275	0.000
02/12/2018	06:00:00	BIT	0.0000	0.2430	4.614	4.856	6.6448	0.0182	213.770	3.302	64.364	14.213	606.440	2.345	0.000
02/12/2018	07:00:00	BIT	0.1891	0.3973	5.355	5.750	6.5270	0.0097	237.200	2.728	67.773	13.673	606.850	2.424	0.000
02/12/2018	08:00:00	BIT	0.1516	0.7726	5.574	6.349	6.5204	0.0097	220.390	3.323	69.218	13.440	607.290	75.592	0.000
02/12/2018	09:00:00	BIT	0.1339	1.3749	5.176	6.553	6.5223	0.0132	220.260	4.169	61.899	14.321	607.740	280.180	0.000
02/12/2018	10:00:00	BIT	0.3005	1.3851	4.543	5.929	6.6028	0.0168	209.910	4.177	52.136	15.956	608.050	472.350	0.000
02/12/2018	11:00:00	BIT	0.2443	1.7542	4.826	6.580	6.6483	0.0145	212.080	4.477	44.405	17.951	607.820	628.930	0.000
02/12/2018	12:00:00	BIT	0.4128	2.0379	5.220	7.257	6.8206	0.0149	225.330	4.480	38.519	19.760	607.510	721.840	0.000
02/12/2018	13:00:00	BIT	0.3186	2.1570	5.010	7.173	6.6005	0.0182	225.030	4.053	29.353	21.754	606.870	750.500	0.000
02/12/2018	14:00:00	BIT	0.2182	1.8196	4.838	6.666	6.6405	0.0239	224.360	3.955	21.889	23.258	606.020	717.530	0.000
02/12/2018	15:00:00	BIT	0.3979	2.1316	5.891	8.028	6.6445	0.0131	221.780	3.119	22.053	24.295	605.540	624.530	0.000
02/12/2018	16:00:00	BIT	0.2520	2.1796	5.927	8.106	6.5544	0.0108	232.040	3.957	20.156	24.699	605.230	469.160	0.000
02/12/2018	17:00:00	BIT	0.4168	2.2198	6.910	9.133	6.5162	0.0090	242.260	3.109	20.857	24.779	605.230	275.100	0.000
02/12/2018	18:00:00	BIT	0.4202	1.6389	9.458	11.077	7.0194	0.0074	231.350	2.887	23.629	23.539	605.630	70.627	0.000
02/12/2018	19:00:00	BIT	0.6204	1.8762	16.026	17.903	6.9306	0.0076	237.160	2.229	28.271	21.567	606.170	2.850	0.000
02/12/2018	20:00:00	BIT	1.1091	4.6758	28.642	33.256	7.0344	0.0167	249.640	1.222	33.056	19.937	606.780	2.248	0.000
02/12/2018	21:00:00	BIT	0.7873	4.0503	23.477	27.492	7.0321	0.0232	243.020	1.698	34.603	18.865	607.220	2.284	0.000
02/12/2018	22:00:00	BIT	0.6799	2.6328	17.320	19.967	6.6886	0.0190	236.670	1.931	35.335	18.155	607.440	2.290	0.000
02/12/2018	23:00:00	BIT	0.8048	11.9500	25.873	37.521	6.7335	0.0112	184.590	0.418	36.868	17.332	607.780	2.299	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	0.34182	2.0802	9.407	11.472	6.69	0.0155
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:	03/12/2018

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
03/12/2018	00:00:00	BIT	1.1348	16.7910	23.148	39.785	6.8105	0.0296	154.240	1.052	39.427	16.339	607.830	2.271	0.000
03/12/2018	01:00:00	BIT	1.9645	41.6810	31.950	73.733	7.0896	0.0391	81.379	0.538	50.875	13.454	607.790	2.246	0.000
03/12/2018	02:00:00	BIT	1.8282	23.0570	30.596	53.665	6.1968	0.0637	57.409	0.573	57.670	12.149	607.910	2.234	0.000
03/12/2018	03:00:00	BIT	1.8889	22.4460	29.212	51.605	6.4326	0.0583	72.727	0.530	60.906	11.645	607.800	2.267	0.000
03/12/2018	04:00:00	BIT	1.7160	10.0610	27.506	37.670	AE	0.0504	108.490	0.493	62.269	11.267	607.760	2.135	0.000
03/12/2018	05:00:00	BIT	1.8660	9.7385	27.941	37.709	6.2973	0.0369	127.960	0.324	63.287	11.036	607.920	2.350	0.000
03/12/2018	06:00:00	BIT	1.4229	14.7940	26.911	41.662	6.0125	0.0318	327.420	0.474	62.474	10.286	608.130	2.269	0.000
03/12/2018	07:00:00	BIT	2.6615	69.7290	25.474	95.208	6.3262	0.0484	93.060	0.233	67.943	9.318	608.620	2.498	0.000
03/12/2018	08:00:00	BIT	3.7703	171.6900	27.605	199.110	7.5618	0.1079	74.118	0.172	67.599	9.678	609.080	70.068	0.000
03/12/2018	09:00:00	BIT	3.5130	114.0100	37.711	151.890	7.6385	0.1951	71.936	0.314	56.529	13.075	609.550	268.230	0.000
03/12/2018	10:00:00	BIT	3.6446	104.2100	55.979	160.330	10.4140	0.2228	83.684	1.142	45.342	16.666	609.780	456.780	0.000
03/12/2018	11:00:00	BIT	2.8008	68.3010	52.744	120.810	16.7890	0.1972	93.123	1.598	38.849	18.865	609.770	609.910	0.000
03/12/2018	12:00:00	BIT	2.0772	20.5200	35.163	55.699	11.6020	0.1569	109.720	1.436	32.945	21.361	609.450	712.700	0.000
03/12/2018	13:00:00	BIT	1.9712	8.1908	21.115	29.255	9.8033	0.1071	159.270	1.192	27.941	22.935	608.770	741.720	0.000
03/12/2018	14:00:00	BIT	1.8200	3.0543	14.581	17.621	8.1116	0.0580	215.570	0.861	24.447	24.224	608.020	705.870	0.000
03/12/2018	15:00:00	BIT	2.0387	1.8964	12.686	14.586	7.7847	0.0474	231.400	1.050	21.759	24.800	607.490	613.140	0.000
03/12/2018	16:00:00	BIT	1.8288	1.6719	13.302	14.975	7.3678	0.0370	153.790	1.070	20.334	25.563	607.190	454.130	0.000
03/12/2018	17:00:00	BIT	1.9045	1.8921	16.765	18.632	7.1684	0.0478	80.044	1.640	19.642	25.615	607.180	253.830	0.000
03/12/2018	18:00:00	BIT	2.6342	5.7063	40.641	46.332	6.6866	0.0654	55.184	1.265	20.974	24.196	607.620	60.454	0.000
03/12/2018	19:00:00	BIT	2.5900	18.9950	51.829	70.920	6.6915	0.1036	80.855	1.748	28.815	21.642	608.060	2.880	0.000
03/12/2018	20:00:00	BIT	2.2730	3.4429	34.480	37.920	7.7266	0.1020	119.840	2.903	34.599	20.427	608.600	2.324	0.000
03/12/2018	21:00:00	BIT	2.2639	7.7522	41.896	49.556	5.6874	0.0547	133.560	2.318	34.666	19.561	609.070	2.401	0.000
03/12/2018	22:00:00	BIT	2.4146	22.1060	45.287	67.378	6.0543	0.0530	104.190	1.221	36.543	18.403	609.480	2.288	0.000
03/12/2018	23:00:00	BIT	2.0476	3.9750	20.998	25.017	6.3021	0.0638	114.990	2.992	63.322	15.940	609.930	2.194	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	2.25313	31.9046	31.063	62.961	7.76	0.0824
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:	04/12/2018

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
04/12/2018	00:00:00	1.7340	0.5127	8.896	9.410	6.4276	0.0488	115.450	2.936	95.068	13.566	610.360	2.284	0.000
04/12/2018	01:00:00	2.6346	0.4664	7.894	8.365	6.7623	0.0322	78.173	2.473	97.799	12.791	610.560	2.251	0.000
04/12/2018	02:00:00	2.5212	0.2372	8.771	8.997	6.8789	0.0265	93.107	2.567	97.431	12.781	610.580	2.246	0.000
04/12/2018	03:00:00	2.5155	0.1887	9.551	9.742	6.7300	0.0320	113.790	2.876	93.383	12.813	610.370	2.211	0.000
04/12/2018	04:00:00	2.6708	0.1102	7.538	7.648	6.3677	0.0277	114.700	2.851	88.012	12.880	610.260	2.164	0.000
04/12/2018	05:00:00	2.5386	0.1715	11.524	11.690	6.3876	0.0238	109.670	2.101	88.118	12.901	610.290	2.239	0.000
04/12/2018	06:00:00	2.7289	0.3215	12.641	12.964	6.4107	0.0253	122.340	1.117	86.628	12.951	610.460	2.213	0.000
04/12/2018	07:00:00	2.7265	0.6783	17.241	17.906	6.3674	0.0366	143.920	1.212	84.679	12.959	610.820	2.306	0.000
04/12/2018	08:00:00	3.0924	2.4346	16.515	18.968	6.2097	0.0378	237.150	1.164	86.486	12.567	611.280	20.901	0.000
04/12/2018	09:00:00	3.2778	4.5518	20.147	24.675	6.5178	0.0423	232.630	0.787	82.631	13.045	611.630	93.437	0.000
04/12/2018	10:00:00	3.2367	6.2905	21.502	27.793	6.6515	0.0517	152.760	1.406	77.381	14.068	611.980	194.900	0.000
04/12/2018	11:00:00	3.1418	5.7314	15.605	21.321	7.0124	0.0639	105.660	1.637	68.685	15.670	611.930	453.540	0.000
04/12/2018	12:00:00	3.0872	4.3882	12.166	16.559	7.1677	0.0638	81.513	1.866	63.663	16.740	611.540	666.850	0.000
04/12/2018	13:00:00	2.9031	3.2669	11.885	15.149	7.0388	0.0657	113.500	1.666	59.079	17.960	610.880	704.450	0.000
04/12/2018	14:00:00	2.8434	2.1322	10.045	12.194	7.1967	0.0717	109.940	1.294	52.461	19.837	610.070	672.750	0.000
04/12/2018	15:00:00	2.6685	1.6269	9.028	10.658	7.3797	0.0755	116.160	1.618	47.317	20.707	609.610	577.370	0.000
04/12/2018	16:00:00	2.7132	1.5514	8.492	10.046	7.0347	0.0649	159.270	1.958	47.373	20.872	609.350	418.620	0.000
04/12/2018	17:00:00	2.6838	2.1043	8.331	10.440	6.9043	0.0651	197.140	3.107	55.482	19.682	609.310	224.580	0.000
04/12/2018	18:00:00	2.7387	2.8973	11.380	14.091	6.9695	0.0536	152.110	2.473	63.741	17.907	609.590	53.133	0.000
04/12/2018	19:00:00	2.7498	2.4292	16.198	18.619	6.6044	0.0533	295.360	1.659	73.664	15.653	610.030	2.706	0.000
04/12/2018	20:00:00	2.8275	1.9781	18.739	20.719	6.1219	0.0625	272.420	0.942	81.010	14.737	610.460	2.348	0.000
04/12/2018	21:00:00	3.0383	3.1760	26.848	30.040	6.4990	0.0581	158.730	0.863	82.263	14.472	610.980	2.320	0.000
04/12/2018	22:00:00	2.9080	3.3161	20.464	23.839	6.8486	0.0520	111.010	2.447	81.764	13.725	611.490	2.276	0.000
04/12/2018	23:00:00	2.8738	1.1913	12.888	14.076	7.1024	0.0353	77.992	2.616	88.326	12.995	611.660	2.242	0.000

PROMEDIO 24 HORAS	2.78559	2.1564	13.512	15.663	6.73	0.0488
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 ³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	05/12/2018

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
05/12/2018	00:00:00	3.0207	0.9313	15.347	16.265	6.9977	0.0308	88.639	2.430	88.912	12.678	611.660	2.297	0.000
05/12/2018	01:00:00	0.0000	0.5027	12.731	13.233	6.4789	0.0320	81.079	2.351	86.862	12.492	611.580	2.217	0.000
05/12/2018	02:00:00	0.0000	0.3645	12.819	13.199	6.2376	0.0280	76.186	2.249	87.518	12.312	611.520	2.166	0.000
05/12/2018	03:00:00	0.0000	0.3222	11.076	11.403	5.9927	0.0277	79.664	2.175	87.065	12.150	611.520	2.186	0.000
05/12/2018	04:00:00	0.0000	0.3801	11.188	11.554	AE	0.0239	128.790	1.208	92.136	11.708	611.520	2.214	0.000
05/12/2018	05:00:00	0.0000	0.4208	13.473	13.893	6.4104	0.0271	153.470	1.149	94.983	11.503	611.570	2.118	0.000
05/12/2018	06:00:00	0.0000	0.6134	12.449	13.071	6.4602	0.0320	66.591	1.391	93.647	11.492	611.820	2.269	0.000
05/12/2018	07:00:00	0.0000	0.9747	12.538	13.511	6.2062	0.0480	40.562	1.391	93.124	11.523	612.240	2.332	0.000
05/12/2018	08:00:00	0.0000	2.1645	15.028	17.192	5.9019	0.0438	47.051	1.182	90.030	11.640	612.560	9.380	0.000
05/12/2018	09:00:00	0.0000	3.8733	21.641	25.558	6.4052	0.0437	110.400	2.425	86.962	11.726	612.890	34.102	0.000
05/12/2018	10:00:00	0.0000	3.7021	16.900	20.623	6.4343	0.0432	110.580	2.288	85.455	12.007	613.260	70.907	0.000
05/12/2018	11:00:00	0.0000	3.9774	13.921	17.920	6.3481	0.0395	129.350	2.567	81.889	12.802	613.260	147.750	0.000
05/12/2018	12:00:00	0.0000	3.2218	8.226	11.452	6.3569	0.0538	118.800	3.633	76.108	13.727	612.890	362.970	0.000
05/12/2018	13:00:00	0.0000	3.3824	8.269	11.643	6.4918	0.0363	114.020	3.827	71.333	14.826	612.270	531.220	0.000
05/12/2018	14:00:00	0.0000	3.3719	7.401	10.785	6.3681	0.0403	117.780	4.345	67.028	15.620	611.410	698.420	0.000
05/12/2018	15:00:00	0.0000	3.1700	7.624	10.790	6.4540	0.0348	111.010	4.017	62.611	16.511	611.030	594.440	0.000
05/12/2018	16:00:00	0.0000	2.9348	7.296	10.234	6.8201	0.0344	126.440	4.252	61.758	16.687	610.810	475.880	0.000
05/12/2018	17:00:00	0.0000	3.0108	8.990	11.994	6.3227	0.0252	91.349	3.135	62.615	17.010	610.750	315.550	0.000
05/12/2018	18:00:00	0.0000	2.5011	10.023	12.508	6.3750	0.0373	78.205	3.386	69.958	15.512	611.090	80.958	0.000
05/12/2018	19:00:00	0.0000	2.2637	13.269	15.543	6.3430	0.0255	92.621	3.852	82.139	13.391	611.500	2.665	0.000
05/12/2018	20:00:00	0.0000	1.5973	12.455	14.058	6.9486	0.0230	82.239	3.736	88.385	12.853	611.990	2.268	0.000
05/12/2018	21:00:00	0.0000	1.5726	13.142	14.692	6.7058	0.0223	87.405	3.243	91.431	12.491	612.360	2.358	0.000
05/12/2018	22:00:00	0.0000	1.6393	17.262	18.882	7.0039	0.0269	87.155	2.344	89.508	12.729	612.610	2.250	0.000
05/12/2018	23:00:00	0.0000	1.5369	17.354	18.918	7.0456	0.0317	98.304	2.481	85.129	13.304	612.750	2.324	0.000

PROMEDIO 24 HORAS	0.12586	2.0179	12.518	14.538	6.48	0.0338
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 ³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	06/12/2018

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
06/12/2018	00:00:00	DI	0.6495	7.060	7.714	6.5534	0.0261	133.410	3.554	87.982	13.149	612.630	2.139	0.000
06/12/2018	01:00:00	1.1346	0.0864	6.118	6.200	6.5598	0.0140	121.560	3.925	92.709	12.696	612.380	2.080	0.000
06/12/2018	02:00:00	1.5087	0.1472	4.499	4.648	6.5125	0.0101	124.770	3.701	89.502	12.795	612.050	2.096	0.000
06/12/2018	03:00:00	1.5822	0.0639	3.349	3.411	6.4012	0.0110	127.730	2.809	87.542	12.761	611.760	2.222	0.000
06/12/2018	04:00:00	1.6161	0.1258	4.163	4.292	6.6163	0.0134	130.010	2.107	90.573	12.501	611.690	2.148	0.000
06/12/2018	05:00:00	1.5709	0.2170	4.916	5.131	6.3641	0.0112	122.780	1.747	91.389	12.450	611.810	2.128	0.000
06/12/2018	06:00:00	1.5195	0.2874	6.617	6.903	6.5368	0.0077	120.890	1.290	90.232	12.475	611.870	2.264	0.000
06/12/2018	07:00:00	1.8482	1.5454	23.778	25.304	6.8267	0.0157	146.220	0.994	90.587	12.456	611.940	2.275	0.000
06/12/2018	08:00:00	2.0133	8.6518	22.967	31.623	6.9463	0.0289	188.160	0.615	94.107	12.366	612.260	19.839	0.000
06/12/2018	09:00:00	2.2697	19.4110	25.950	45.314	6.7863	0.0669	87.690	0.759	90.090	12.779	612.610	109.270	0.000
06/12/2018	10:00:00	2.2571	16.9430	22.389	39.344	7.3070	0.0870	173.480	0.889	77.239	14.339	612.980	390.010	0.000
06/12/2018	11:00:00	1.9941	11.6920	19.090	30.754	7.2175	0.0952	121.660	1.014	69.556	15.657	613.090	551.300	0.000
06/12/2018	12:00:00	1.8721	7.6667	15.355	23.033	7.5484	0.1006	115.160	1.051	61.515	17.409	612.630	629.260	0.000
06/12/2018	13:00:00	1.7571	5.4288	15.675	21.105	7.7386	0.0948	134.420	0.710	56.472	18.859	611.740	665.020	0.000
06/12/2018	14:00:00	1.6120	2.8918	12.297	15.196	8.2757	0.1017	119.180	0.957	50.802	20.888	610.850	633.830	0.000
06/12/2018	15:00:00	1.3557	1.6905	8.122	9.815	8.1361	0.1111	67.631	2.118	46.063	22.216	610.260	545.220	0.000
06/12/2018	16:00:00	1.3386	1.6390	7.094	8.769	7.3843	0.0737	63.125	2.298	44.630	22.389	609.960	345.630	0.000
06/12/2018	17:00:00	1.3162	1.5229	8.527	10.058	7.0355	0.0469	55.126	2.247	46.804	21.392	609.960	120.920	0.000
06/12/2018	18:00:00	1.4313	1.4822	15.332	16.794	7.0612	0.0446	51.999	1.670	51.722	19.862	610.230	10.307	0.000
06/12/2018	19:00:00	1.7312	4.9677	30.924	35.989	7.5153	0.0867	158.330	0.739	56.223	19.259	610.560	2.566	0.000
06/12/2018	20:00:00	1.7272	3.1065	27.250	30.405	7.7229	0.1060	183.300	1.584	55.395	19.240	611.050	2.288	0.000
06/12/2018	21:00:00	1.4984	1.5866	21.738	23.317	7.4986	0.0561	91.696	1.740	58.882	18.214	611.420	2.293	0.000
06/12/2018	22:00:00	1.6559	1.1255	15.858	16.979	7.2512	0.0414	70.536	1.826	60.924	17.470	611.720	2.275	0.000
06/12/2018	23:00:00	1.3566	0.2948	15.543	15.855	7.2933	0.0422	90.821	2.463	62.544	16.762	611.930	2.280	0.000

PROMEDIO 24 HORAS	1.65073	3.8843	14.359	18.248	7.13	0.0539
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 ³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	07/12/2018

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
07/12/2018	00:00:00	1.5984	0.4418	18.676	19.132	8.2163	0.0362	93.025	1.547	70.572	15.784	612.080	2.306	0.000
07/12/2018	01:00:00	0.0000	2.1661	25.854	28.028	7.6372	0.0352	62.498	0.844	80.135	14.974	611.910	2.269	0.000
07/12/2018	02:00:00	0.0000	1.6455	19.167	20.785	7.0717	0.0430	64.146	0.768	91.933	14.033	611.880	2.228	0.000
07/12/2018	03:00:00	0.0000	0.6189	15.641	16.253	7.1475	0.0481	208.290	0.427	97.927	13.280	611.750	2.332	0.000
07/12/2018	04:00:00	0.0000	0.5454	10.070	10.620	AE	0.0262	317.880	0.879	100.000	12.391	611.590	2.131	0.000
07/12/2018	05:00:00	0.0000	0.4383	10.697	11.141	6.1499	0.0173	318.120	1.086	100.000	11.970	611.600	2.218	0.000
07/12/2018	06:00:00	0.0000	0.4708	11.784	12.251	6.1589	0.0165	309.870	0.749	100.000	12.164	611.660	2.211	0.000
07/12/2018	07:00:00	0.0000	0.4728	14.223	14.685	6.4748	0.0218	259.170	0.238	100.000	12.522	611.880	2.311	0.000
07/12/2018	08:00:00	0.0000	2.4340	15.391	17.817	7.7105	0.0327	202.360	0.560	100.000	12.733	612.090	9.961	0.000
07/12/2018	09:00:00	0.0000	20.8490	23.826	44.735	7.2966	0.0425	57.566	1.028	100.000	12.981	612.440	46.401	0.000
07/12/2018	10:00:00	0.0000	18.1400	24.222	42.471	6.9281	0.0815	89.007	0.874	94.489	13.600	612.640	120.170	0.000
07/12/2018	11:00:00	0.0000	9.1082	16.508	25.617	6.6216	0.0757	91.074	1.544	88.392	14.273	612.680	276.030	0.000
07/12/2018	12:00:00	0.0000	10.8370	15.315	26.145	6.8045	0.0515	87.547	1.580	73.944	16.121	612.130	660.670	0.000
07/12/2018	13:00:00	0.0000	12.2800	21.263	33.530	7.2565	0.0694	92.900	1.394	67.763	17.339	611.260	668.450	0.000
07/12/2018	14:00:00	0.0000	8.4335	27.448	35.883	7.6171	0.1066	102.940	1.293	59.895	19.053	610.120	526.000	0.000
07/12/2018	15:00:00	0.0000	7.3607	30.147	37.566	7.6369	0.1122	84.603	1.719	55.834	20.488	609.430	485.490	0.000
07/12/2018	16:00:00	0.0000	2.6333	25.394	27.984	7.5258	0.1130	152.400	1.329	60.434	19.895	609.090	93.855	0.200
07/12/2018	17:00:00	0.0000	4.3530	37.033	41.705	7.0049	0.0846	154.600	0.781	79.873	18.558	608.980	59.600	0.900
07/12/2018	18:00:00	0.0000	7.7379	48.291	56.050	7.2252	0.0954	273.660	1.004	91.981	18.172	609.080	24.748	0.500
07/12/2018	19:00:00	0.0000	38.4040	51.157	89.901	7.3464	0.0692	220.190	0.466	98.918	17.457	609.090	2.722	0.000
07/12/2018	20:00:00	0.1322	55.0870	51.424	106.410	7.4870	0.0822	267.250	0.165	100.000	17.359	609.460	2.399	0.000
07/12/2018	21:00:00	1.3983	150.1700	46.756	197.040	8.3277	0.0904	218.830	0.151	100.000	17.136	609.870	2.388	0.000
07/12/2018	22:00:00	0.0000	70.9550	41.897	112.230	8.0819	0.1899	252.050	0.543	95.827	17.089	610.260	2.284	0.000
07/12/2018	23:00:00	0.0000	75.4080	30.660	105.950	7.7403	0.0955	193.780	0.549	100.000	15.581	610.390	2.184	0.100

PROMEDIO 24 HORAS	0.13037	20.8746	26.369	47.247	7.28	0.0682
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:	08/12/2018

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
08/12/2018	00:00:00	0.0000	71.9990	25.364	97.361	7.8387	0.0936	222.490	0.502	100.000	14.768	610.260	2.323	0.000
08/12/2018	01:00:00	0.0000	29.9290	27.161	57.114	7.0765	0.1044	224.820	1.051	92.551	16.059	610.210	2.347	0.000
08/12/2018	02:00:00	0.0000	0.6954	16.809	17.505	5.6477	0.0685	233.810	0.749	81.635	16.511	610.150	2.269	0.000
08/12/2018	03:00:00	0.0000	0.5914	18.576	19.165	5.7202	0.0365	238.300	0.596	87.012	15.724	610.050	2.302	0.000
08/12/2018	04:00:00	0.0000	0.9323	13.919	14.878	5.4656	0.0309	202.100	0.939	92.740	15.219	609.780	2.250	0.000
08/12/2018	05:00:00	0.0000	0.3180	8.554	8.867	5.8099	0.0247	257.930	2.254	93.727	14.984	609.740	2.233	0.000
08/12/2018	06:00:00	0.0000	0.4801	5.863	6.346	5.4396	0.0153	237.220	3.684	92.832	15.318	609.860	2.350	0.000
08/12/2018	07:00:00	0.0000	1.0965	7.307	8.402	5.2721	0.0178	228.420	2.872	97.335	14.807	610.080	2.326	0.000
08/12/2018	08:00:00	0.0000	2.6889	10.634	13.339	5.3399	0.0143	245.470	2.783	96.871	14.815	610.320	56.814	0.000
08/12/2018	09:00:00	0.0000	5.2601	9.247	14.530	5.8520	0.0249	247.280	3.535	85.922	16.176	610.810	247.350	0.000
08/12/2018	10:00:00	0.0000	4.2719	7.375	11.636	5.6137	0.0264	235.890	4.381	74.988	17.334	611.090	435.010	0.000
08/12/2018	11:00:00	0.0000	3.6400	6.579	10.203	5.5982	0.0243	229.270	4.351	65.588	18.486	611.150	529.370	0.000
08/12/2018	12:00:00	0.0000	2.4988	5.845	8.374	5.7192	0.0221	251.030	2.650	55.600	19.996	610.650	536.360	0.000
08/12/2018	13:00:00	0.0000	2.9612	6.637	9.604	5.5057	0.0256	238.240	3.707	49.665	20.970	610.020	436.530	0.000
08/12/2018	14:00:00	0.0000	2.9156	5.527	8.447	5.5436	0.0250	241.600	4.193	44.493	22.323	609.230	721.700	0.000
08/12/2018	15:00:00	0.0000	2.8927	6.228	9.117	5.3669	0.0221	235.760	4.158	42.152	22.720	608.660	446.500	0.000
08/12/2018	16:00:00	0.0000	2.8668	6.578	9.442	5.8986	0.0173	242.030	3.665	40.401	23.259	608.300	388.050	0.000
08/12/2018	17:00:00	0.0000	2.7383	7.913	10.692	5.7093	0.0164	253.940	2.466	41.725	22.836	608.280	161.910	0.000
08/12/2018	18:00:00	0.0000	2.1175	10.291	12.416	6.9210	0.0152	268.570	2.041	42.841	22.502	608.630	70.126	0.000
08/12/2018	19:00:00	0.0000	6.1423	21.907	28.075	13.0680	0.0170	266.010	1.250	44.093	21.343	609.080	2.816	0.000
08/12/2018	20:00:00	0.2171	19.9310	26.827	46.705	8.9244	0.0364	261.760	1.152	48.639	20.245	609.630	2.273	0.000
08/12/2018	21:00:00	0.0365	12.0920	24.544	36.683	6.3742	0.0500	275.800	0.977	53.276	18.911	610.080	2.390	0.000
08/12/2018	22:00:00	0.1229	21.5500	24.288	45.777	6.4153	0.0499	246.930	0.995	56.228	18.492	610.500	2.358	0.000
08/12/2018	23:00:00	0.0000	11.8820	19.982	31.804	5.9504	0.0403	239.150	2.011	59.721	17.546	610.660	2.251	0.000

PROMEDIO 24 HORAS	0.01569	8.8538	13.498	22.353	6.34	0.0341
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:	09/12/2018

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
09/12/2018	00:00:00	0.0000	5.5552	15.605	21.138	5.6058	0.0337	258.100	1.752	62.601	16.497	610.670	2.286	0.000
09/12/2018	01:00:00	0.0000	3.5359	13.578	17.155	6.0706	0.0268	193.400	1.941	68.716	15.027	610.730	2.246	0.000
09/12/2018	02:00:00	0.0000	CAL	CAL	CAL	6.6005	0.0383	318.900	1.439	98.369	13.486	610.740	2.162	0.000
09/12/2018	03:00:00	CAL	2.0927	9.990	12.055	6.4795	0.0334	317.820	1.786	100.000	12.764	610.600	2.255	0.000
09/12/2018	04:00:00	0.0000	0.6406	6.107	6.743	AE	0.0288	316.220	1.804	100.000	12.034	610.650	2.165	0.000
09/12/2018	05:00:00	0.0000	0.5984	6.106	6.702	6.4976	0.0236	279.180	1.255	100.000	11.872	610.750	2.199	0.000
09/12/2018	06:00:00	0.0000	0.3428	5.550	5.896	6.7885	0.0175	298.980	0.970	100.000	12.042	610.960	2.234	0.000
09/12/2018	07:00:00	0.0000	0.7736	6.774	7.511	6.5787	0.0152	317.970	0.755	100.000	12.042	611.350	2.328	0.000
09/12/2018	08:00:00	0.0000	1.6545	8.047	9.688	6.3270	0.0133	287.930	1.072	100.000	11.741	611.710	11.193	0.000
09/12/2018	09:00:00	0.0000	3.7538	8.235	11.976	6.3230	0.0143	204.510	1.378	100.000	11.753	612.120	76.865	0.000
09/12/2018	10:00:00	0.0000	4.4399	6.747	11.207	6.3276	0.0206	299.290	1.427	100.000	12.125	612.550	143.160	0.000
09/12/2018	11:00:00	0.0000	2.8229	5.189	8.006	6.4451	0.0230	198.310	1.730	92.341	14.010	612.560	475.450	0.000
09/12/2018	12:00:00	0.0000	4.2187	6.254	10.477	6.4621	0.0239	186.470	2.060	78.096	15.109	612.230	492.010	0.000
09/12/2018	13:00:00	0.0000	1.9118	4.607	6.507	6.5629	0.0271	127.680	1.558	66.341	16.688	611.530	615.290	0.000
09/12/2018	14:00:00	0.0000	1.9725	4.638	6.622	6.5922	0.0369	116.530	1.773	61.241	17.793	610.670	644.610	0.000
09/12/2018	15:00:00	0.0000	1.7500	5.055	6.805	6.6488	0.0380	121.430	1.893	56.497	18.914	610.130	514.610	0.000
09/12/2018	16:00:00	0.0000	3.8669	5.990	9.775	6.7304	0.0337	118.670	1.846	53.950	19.457	609.810	396.830	0.000
09/12/2018	17:00:00	0.0000	1.7452	5.373	7.117	6.8131	0.0317	86.446	2.558	57.660	18.849	609.850	225.450	0.000
09/12/2018	18:00:00	0.0000	2.7945	7.520	10.277	6.7103	0.0274	41.984	2.039	65.507	16.946	610.330	42.919	0.000
09/12/2018	19:00:00	0.0000	3.8471	17.048	20.873	6.7979	0.0288	121.110	1.589	72.711	15.421	610.750	2.735	0.000
09/12/2018	20:00:00	0.0000	3.9844	19.053	23.042	6.5214	0.0269	139.300	1.829	75.458	14.587	611.140	2.367	0.000
09/12/2018	21:00:00	0.0000	6.1011	20.126	26.151	6.7800	0.0343	148.220	1.856	83.367	13.239	611.650	2.216	0.000
09/12/2018	22:00:00	0.0000	4.1898	13.649	17.852	6.6302	0.0266	318.360	1.065	100.000	11.216	612.230	2.273	0.000
09/12/2018	23:00:00	0.0000	1.8210	11.328	13.136	6.6908	0.0264	296.600	0.791	100.000	10.789	612.330	2.239	0.000

PROMEDIO 24 HORAS	0.00000	2.8006	9.242	12.031	6.52	0.0271
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 ³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	10/12/2018

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
10/12/2018	00:00:00	0.0000	0.8302	10.824	11.649	6.4215	0.0232	163.490	1.641	100.000	11.393	612.270	2.187	0.000
10/12/2018	01:00:00	0.0000	0.3999	6.371	6.759	6.6250	0.0204	82.963	2.421	100.000	11.349	612.100	2.164	0.000
10/12/2018	02:00:00	0.0000	0.6760	6.891	7.567	6.6082	0.0143	54.091	1.579	100.000	10.967	612.190	2.262	0.000
10/12/2018	03:00:00	0.0000	0.4289	7.646	8.076	6.7029	0.0184	40.368	1.410	100.000	10.488	612.160	2.195	0.000
10/12/2018	04:00:00	0.0000	0.2268	4.929	5.144	6.7189	0.0155	70.792	1.654	97.422	10.299	612.120	2.241	0.000
10/12/2018	05:00:00	0.0000	0.2889	4.126	4.417	6.7490	0.0107	87.829	1.678	95.215	9.910	612.230	2.114	0.000
10/12/2018	06:00:00	0.0000	0.4350	5.383	5.817	7.4061	0.0080	100.260	2.258	96.697	9.564	612.330	2.140	0.000
10/12/2018	07:00:00	0.0000	1.6485	8.901	10.533	7.3102	0.0101	90.289	2.199	98.378	9.436	612.600	2.255	0.000
10/12/2018	08:00:00	0.0000	7.1871	16.923	24.005	7.2339	0.0208	77.298	1.651	96.350	9.718	612.940	8.186	0.000
10/12/2018	09:00:00	0.0000	7.1832	13.663	20.796	7.3633	0.0390	66.407	2.044	92.752	9.884	613.520	34.052	0.000
10/12/2018	10:00:00	0.0000	4.8879	11.563	16.445	7.4007	0.0337	87.644	2.648	90.288	9.944	613.820	70.897	0.000
10/12/2018	11:00:00	0.0000	4.3781	11.631	16.021	7.4476	0.0301	93.616	1.992	87.240	10.275	613.930	102.890	0.000
10/12/2018	12:00:00	0.0000	6.2237	11.084	17.288	7.1300	0.0349	80.049	1.220	80.045	11.032	613.700	160.950	0.000
10/12/2018	13:00:00	0.0000	7.4711	12.453	19.953	7.0593	0.0466	103.920	1.137	74.605	11.783	613.300	211.270	0.000
10/12/2018	14:00:00	0.0000	9.9357	13.566	23.542	7.2034	0.0521	164.400	1.188	65.602	13.282	612.510	523.440	0.000
10/12/2018	15:00:00	0.0000	9.2423	14.850	24.081	7.5240	0.0591	134.490	1.158	58.892	14.950	611.860	579.090	0.000
10/12/2018	16:00:00	0.0000	7.9342	17.044	24.938	7.6807	0.0635	119.890	1.287	57.164	15.606	611.510	425.380	0.000
10/12/2018	17:00:00	0.0000	4.5524	7.455	11.986	6.9912	0.0753	126.390	3.508	67.728	13.686	611.700	238.520	0.000
10/12/2018	18:00:00	0.0000	4.8512	8.823	13.572	6.9295	0.0468	121.990	2.436	79.080	11.572	611.940	64.020	0.000
10/12/2018	19:00:00	0.0000	5.7309	14.351	20.042	6.6517	0.0390	238.370	1.977	95.466	10.002	612.310	2.862	0.000
10/12/2018	20:00:00	0.0000	3.6583	13.128	16.773	6.6051	0.0387	294.270	1.431	100.000	8.809	612.830	2.288	0.000
10/12/2018	21:00:00	0.0000	1.6422	10.287	11.931	6.5244	0.0365	302.790	1.371	100.000	8.540	613.110	2.207	0.000
10/12/2018	22:00:00	0.0000	1.6686	11.185	12.821	6.6248	0.0256	311.160	1.497	100.000	8.705	613.500	2.284	0.000
10/12/2018	23:00:00	0.0000	1.9185	12.090	13.998	6.8706	0.0251	78.600	2.207	99.940	8.838	613.570	2.277	0.000

PROMEDIO 24 HORAS	0.00000	3.8916	10.632	14.506	6.99	0.0328
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 ³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	11/12/2018

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
11/12/2018	00:00:00	16.259	DI	0.6010	7.951	8.553	6.5464	0.0245	68.707	2.045	98.052	8.602	613.660	2.252
11/12/2018	01:00:00	17.891	1.1172	0.3967	5.832	6.223	6.4432	0.0174	58.973	2.123	97.541	8.394	613.700	2.268
11/12/2018	02:00:00	16.566	1.4603	0.1653	5.150	5.314	5.6923	0.0152	72.417	1.258	97.579	8.408	613.570	2.256
11/12/2018	03:00:00	16.548	1.5219	0.1024	6.806	6.907	5.7890	0.0171	81.170	1.280	98.172	8.262	613.450	2.178
11/12/2018	04:00:00	17.809	1.7343	0.3888	6.395	6.786	5.6382	0.0169	132.430	1.041	97.846	8.117	613.410	2.150
11/12/2018	05:00:00	17.213	1.2159	0.3146	6.020	6.340	5.4326	0.0166	120.480	1.353	100.000	7.881	613.420	2.221
11/12/2018	06:00:00	13.393	1.6934	0.2787	9.189	9.498	5.4579	0.0220	110.000	0.682	100.000	7.671	613.440	2.203
11/12/2018	07:00:00	10.146	1.2292	1.3576	12.398	13.780	5.5001	0.0303	227.490	1.234	100.000	7.330	613.590	2.264
11/12/2018	08:00:00	8.405	2.1646	3.7694	15.334	19.086	5.5842	0.0304	204.940	1.517	100.000	7.104	613.950	7.400
11/12/2018	09:00:00	7.127	1.5502	7.1977	17.802	24.995	5.7031	0.0312	283.900	1.476	100.000	7.192	614.360	37.388
11/12/2018	10:00:00	9.751	2.2230	7.3565	14.424	21.759	6.0805	0.0594	129.760	1.191	100.000	7.588	614.520	90.603
11/12/2018	11:00:00	11.249	2.0018	5.8285	14.806	20.636	5.7985	0.0681	148.370	0.389	99.790	8.217	614.470	114.740
11/12/2018	12:00:00	11.998	1.7611	10.0640	17.145	27.231	5.8757	0.0799	247.610	0.388	92.195	9.343	614.050	259.890
11/12/2018	13:00:00	15.963	1.8072	21.3800	25.683	47.114	5.8581	0.0893	114.850	1.122	72.380	11.953	612.950	634.950
11/12/2018	14:00:00	19.936	1.4500	18.9510	25.402	44.350	6.4804	0.1161	94.705	1.491	63.492	14.142	611.930	661.730
11/12/2018	15:00:00	22.386	1.5710	13.3980	24.740	38.185	8.6496	0.1263	101.340	1.085	54.617	16.547	611.190	520.750
11/12/2018	16:00:00	24.509	1.1815	10.5310	25.818	36.351	12.8720	0.1181	79.202	1.420	48.124	18.241	610.710	401.560
11/12/2018	17:00:00	23.795	1.1932	6.4007	21.197	27.598	13.3750	0.1119	62.801	1.638	45.039	18.694	610.570	221.410
11/12/2018	18:00:00	17.646	0.9771	3.9052	17.984	21.895	7.9849	0.0801	74.191	2.197	55.921	16.712	610.740	48.966
11/12/2018	19:00:00	10.295	1.2435	5.9056	20.859	26.726	6.4009	0.1046	271.270	1.946	67.250	14.104	611.000	2.612
11/12/2018	20:00:00	7.812	1.3591	5.4051	21.601	27.045	5.9246	0.0741	289.200	1.195	71.690	12.884	611.470	2.373
11/12/2018	21:00:00	7.555	1.3972	5.4645	21.361	26.804	6.0764	0.0534	288.750	1.138	73.837	12.407	611.630	2.273
11/12/2018	22:00:00	1.631	1.8964	45.6550	27.953	73.475	6.5045	0.0459	136.480	0.544	79.082	11.663	611.670	2.309
11/12/2018	23:00:00	2.497	1.4486	13.3200	22.101	35.422	6.2365	0.1168	245.030	1.129	94.459	10.063	611.640	2.307

PROMEDIO 24 HORAS	13.682	1.53033	7.8391	16.415	24.253	6.75	0.0611
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:	12/12/2018

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
12/12/2018	00:00:00	3.002	1.0637	5.4230	21.549	26.949	5.8628	0.0605	306.360	0.370	96.662	9.666	611.540	2.233	0.000
12/12/2018	01:00:00	1.643	1.9815	7.0394	21.835	28.882	5.6833	0.0357	304.170	0.528	97.873	9.485	611.390	2.177	0.000
12/12/2018	02:00:00	1.086	1.6887	29.9390	20.943	50.958	6.1008	0.0633	303.120	0.020	99.137	9.173	611.020	2.248	0.000
12/12/2018	03:00:00	1.688	1.9868	8.5296	18.288	26.858	6.0403	0.0693	0.550	0.105	100.000	8.400	610.870	2.184	0.000
12/12/2018	04:00:00	1.433	1.4857	5.7444	17.628	23.404	5.7741	0.0830	11.177	0.000	100.000	8.269	610.630	2.320	0.000
12/12/2018	05:00:00	1.164	2.0637	23.8970	15.166	39.032	6.1707	0.0779	6.520	0.000	100.000	8.431	610.500	2.205	0.000
12/12/2018	06:00:00	1.354	2.1270	58.6570	17.110	75.669	6.6571	0.0735	0.207	0.033	100.000	8.362	610.560	2.199	0.000
12/12/2018	07:00:00	1.494	2.6463	103.0900	17.282	120.260	7.9259	0.0855	0.214	0.000	100.000	8.149	610.740	2.503	0.000
12/12/2018	08:00:00	2.060	2.8833	134.8100	23.711	158.550	9.1690	0.1175	20.866	0.001	100.000	8.677	610.900	23.001	0.000
12/12/2018	09:00:00	2.865	3.6050	178.5100	35.665	214.120	10.5610	0.1553	79.079	0.350	93.390	10.375	611.190	161.420	0.000
12/12/2018	10:00:00	3.664	3.7460	175.2000	51.942	227.110	11.1840	0.2089	88.652	0.853	70.691	13.213	611.450	306.150	0.000
12/12/2018	11:00:00	7.125	2.8537	80.7330	47.496	128.820	11.7550	0.2127	94.436	1.596	57.854	16.196	611.120	447.440	0.000
12/12/2018	12:00:00	15.137	1.7753	20.1130	24.181	44.373	10.9480	0.1741	143.060	2.315	51.000	18.713	610.430	516.110	0.000
12/12/2018	13:00:00	23.434	1.3206	2.9048	6.984	9.887	7.6054	0.0986	234.590	4.074	44.773	20.370	609.580	635.460	0.000
12/12/2018	14:00:00	21.346	1.0158	3.0171	5.788	8.802	6.8793	0.0576	248.360	4.269	37.946	21.561	608.670	565.620	0.000
12/12/2018	15:00:00	19.746	1.1915	2.9311	5.855	8.785	6.9990	0.0382	257.560	4.284	35.479	21.581	608.150	335.650	0.000
12/12/2018	16:00:00	20.069	1.0339	2.6333	6.875	9.527	7.0104	0.0400	256.750	3.636	36.737	21.386	607.640	164.940	0.000
12/12/2018	17:00:00	19.193	1.1628	2.3558	7.618	9.971	6.5152	0.0250	254.470	3.810	39.885	20.878	607.640	63.554	0.000
12/12/2018	18:00:00	17.618	1.1762	2.3973	7.718	10.122	6.2737	0.0222	249.240	3.546	42.944	20.096	607.700	16.004	0.000
12/12/2018	19:00:00	14.481	1.1265	2.9782	9.458	12.452	6.3018	0.0195	250.490	3.368	45.927	19.352	607.820	2.609	0.000
12/12/2018	20:00:00	13.911	1.2192	2.7917	9.474	12.302	6.8029	0.0158	263.820	2.688	50.709	18.705	608.050	2.349	0.000
12/12/2018	21:00:00	12.369	1.1450	5.9639	11.238	17.195	8.2426	0.0249	258.790	2.807	58.670	17.558	608.400	2.337	0.000
12/12/2018	22:00:00	8.186	1.1817	4.0642	15.363	19.389	7.8389	0.0785	233.240	1.603	61.922	16.944	608.630	2.280	0.000
12/12/2018	23:00:00	10.293	0.9371	3.0936	10.414	13.538	6.5205	0.0312	224.430	2.623	64.993	16.505	608.870	2.224	0.000

PROMEDIO 24 HORAS	9.348	1.76737	36.1174	17.899	54.040	7.53	0.0779
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:	13/12/2018

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
13/12/2018	00:00:00	13.806	0.9308	1.2862	5.968	7.266	6.4048	0.0130	217.940	3.461	66.329	16.274	608.710	2.273	0.000
13/12/2018	01:00:00	16.253	2.6389	0.7969	4.427	5.230	5.9907	0.0105	213.930	3.914	66.287	16.070	608.400	2.305	0.000
13/12/2018	02:00:00	18.748	2.8228	0.4641	3.006	3.469	5.7600	0.0208	236.330	3.158	64.592	16.009	607.960	2.237	0.000
13/12/2018	03:00:00	18.409	2.7852	0.2115	2.653	2.864	5.9802	0.0181	241.760	3.513	66.767	15.666	607.810	2.247	0.000
13/12/2018	04:00:00	18.841	2.7350	0.2701	2.412	2.682	5.7125	0.0155	241.300	4.271	65.075	15.441	607.380	2.313	0.000
13/12/2018	05:00:00	18.593	2.8335	0.2514	2.525	2.777	5.5894	0.0127	239.080	3.153	65.993	15.175	607.350	2.252	0.000
13/12/2018	06:00:00	17.764	2.9732	0.4352	3.251	3.687	5.5622	0.0114	229.550	2.954	67.024	15.016	607.350	2.282	0.000
13/12/2018	07:00:00	17.155	2.9474	1.0664	4.467	5.543	5.5974	0.0112	231.010	4.383	67.621	14.792	607.410	2.294	0.000
13/12/2018	08:00:00	15.235	3.0398	2.4655	6.502	8.956	5.7378	0.0091	241.880	4.488	67.800	14.526	607.640	26.835	0.000
13/12/2018	09:00:00	14.731	3.0283	3.8421	7.543	11.384	5.5309	0.0098	251.230	4.097	64.629	14.758	608.130	116.410	0.000
13/12/2018	10:00:00	15.289	3.4184	4.3334	7.076	11.411	5.6117	0.0133	247.880	4.054	58.442	15.546	608.590	235.120	0.000
13/12/2018	11:00:00	18.090	3.2183	3.2194	4.754	7.966	6.0346	0.0237	256.810	5.810	49.348	16.496	608.290	385.260	0.000
13/12/2018	12:00:00	20.137	3.3285	2.6206	4.354	6.974	6.0784	0.0677	254.350	5.975	43.765	17.299	607.940	504.200	0.000
13/12/2018	13:00:00	22.135	3.4062	2.4903	4.760	7.241	6.0846	0.0710	257.260	5.143	41.494	17.753	607.730	488.000	0.000
13/12/2018	14:00:00	24.045	3.3957	2.9438	5.817	8.752	6.2688	0.0391	255.090	4.831	39.761	18.116	607.210	531.690	0.000
13/12/2018	15:00:00	26.377	3.5511	3.0261	6.213	9.251	6.2287	0.0257	256.530	4.636	37.172	18.870	606.910	465.260	0.000
13/12/2018	16:00:00	27.232	3.2570	2.5967	5.782	8.369	6.1867	0.0241	256.680	4.456	35.543	19.309	606.800	362.420	0.000
13/12/2018	17:00:00	26.206	3.4852	1.8874	6.142	8.032	7.5125	0.0181	275.420	4.077	37.056	18.581	606.880	134.190	0.000
13/12/2018	18:00:00	24.052	3.4875	1.6971	8.560	10.243	7.0130	0.0168	277.530	2.937	37.455	18.034	607.220	46.993	0.000
13/12/2018	19:00:00	16.890	4.1878	2.6597	18.450	21.107	8.6546	0.0167	264.610	2.089	39.076	17.211	607.620	2.539	0.000
13/12/2018	20:00:00	14.603	3.9109	4.0756	18.853	22.937	6.0795	0.0277	234.990	2.316	43.425	16.463	608.100	2.282	0.000
13/12/2018	21:00:00	17.028	3.7752	3.1353	14.864	17.945	6.6183	0.0167	260.130	2.645	43.443	15.871	608.470	2.233	0.000
13/12/2018	22:00:00	18.641	3.9812	1.7253	12.724	14.438	10.2680	0.0189	289.710	2.879	44.609	15.294	609.180	2.230	0.000
13/12/2018	23:00:00	19.171	3.7951	1.0926	8.510	9.599	5.8905	0.0177	303.770	2.208	46.613	13.804	609.760	2.212	0.000

PROMEDIO 24 HORAS	19.143	3.20554	2.0247	7.067	9.088	6.35	0.0221
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:	14/12/2018

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
14/12/2018	00:00:00	14.740	4.1798	1.2891	15.710	17.002	5.9839	0.0104	241.650	0.933	37.708	12.530	610.050	2.276
14/12/2018	01:00:00	16.341	3.0406	0.4633	16.265	16.732	6.2507	0.0085	290.830	0.370	30.457	12.208	610.210	2.181
14/12/2018	02:00:00	12.957	3.5062	0.9873	20.210	21.219	6.8017	0.0130	314.320	1.374	29.772	12.037	610.270	2.208
14/12/2018	03:00:00	15.238	3.2738	0.5199	16.326	16.838	6.5504	0.0203	298.280	1.441	32.636	10.731	610.190	2.197
14/12/2018	04:00:00	18.758	3.0320	0.4525	11.094	11.570	6.5538	0.0172	295.870	0.847	32.596	9.655	610.050	2.169
14/12/2018	05:00:00	20.652	3.0397	0.7426	10.090	10.835	6.5529	0.0152	307.770	1.253	30.675	8.929	610.160	2.124
14/12/2018	06:00:00	27.782	3.3377	0.4014	5.857	6.245	6.7356	0.0125	289.120	2.083	16.603	9.815	610.110	2.182
14/12/2018	07:00:00	10.715	3.7308	11.6040	27.477	38.911	7.3410	0.0164	199.780	0.883	25.420	7.778	610.410	2.309
14/12/2018	08:00:00	8.399	3.9105	19.4410	30.360	49.999	7.0295	0.0467	278.270	2.124	22.698	7.729	611.030	43.251
14/12/2018	09:00:00	20.491	3.5184	6.3147	11.760	18.109	6.7635	0.0572	303.980	3.357	34.249	6.472	611.830	228.550
14/12/2018	10:00:00	25.981	3.7798	3.8846	7.419	11.299	6.7256	0.0423	282.440	2.274	30.386	8.281	612.250	416.890
14/12/2018	11:00:00	28.234	CAL	CAL	CAL	CAL	CAL	0.0364	310.650	3.689	26.373	9.662	612.190	570.440
14/12/2018	12:00:00	CAL	3.6525	CAL	CAL	CAL	8.5562	0.0412	308.250	4.178	20.393	11.567	611.780	691.310
14/12/2018	13:00:00	31.836	3.7425	2.3802	5.334	7.702	6.9302	0.0383	304.010	3.808	17.021	13.599	611.020	728.330
14/12/2018	14:00:00	32.863	3.5681	2.5892	6.334	8.900	6.8840	0.0329	306.900	3.965	13.433	15.533	610.150	694.870
14/12/2018	15:00:00	33.952	3.7258	2.7486	6.338	9.101	6.6767	0.0367	313.590	4.578	12.138	15.944	609.730	622.250
14/12/2018	16:00:00	33.695	3.4660	2.8623	7.520	10.371	6.6048	0.0392	316.540	4.000	12.780	16.344	609.580	475.860
14/12/2018	17:00:00	33.710	3.6089	2.5565	8.355	10.917	6.9220	0.0266	310.220	3.993	13.433	15.971	609.760	279.390
14/12/2018	18:00:00	30.210	3.4930	2.2862	12.490	14.815	7.0733	0.0245	313.090	3.378	14.552	14.850	610.210	82.486
14/12/2018	19:00:00	22.338	3.7680	1.8212	20.814	22.602	6.7314	0.0242	305.930	2.115	18.062	12.890	610.600	3.153
14/12/2018	20:00:00	16.644	4.1289	4.3458	26.443	30.770	6.8866	0.0417	312.060	1.832	20.529	11.202	611.120	2.328
14/12/2018	21:00:00	4.723	4.0861	13.3840	38.666	52.102	7.2988	0.0406	268.990	1.177	24.913	9.233	611.750	2.268
14/12/2018	22:00:00	11.339	3.6893	3.8735	27.255	31.148	7.0986	0.0692	297.550	1.057	25.666	7.921	612.320	2.226
14/12/2018	23:00:00	10.241	3.8536	10.0330	30.527	40.547	7.2646	0.0493	247.640	0.785	27.274	6.842	612.600	2.231

PROMEDIO 24 HORAS	20.950	3.61443	4.3173	16.484	20.806	6.88	0.0317
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:	15/12/2018

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	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
15/12/2018	00:00:00	10.950	3.9450	27.687	31.579	7.0807	0.0448	258.870	1.056	30.780	5.486	612.790	2.263	0.000
15/12/2018	01:00:00	13.950	1.4940	19.403	20.856	6.6249	0.0484	312.440	1.084	34.406	4.259	612.670	2.194	0.000
15/12/2018	02:00:00	19.424	0.7239	12.810	13.526	5.3190	0.0371	307.670	0.881	33.255	3.824	612.390	2.267	0.000
15/12/2018	03:00:00	13.428	0.8421	19.512	20.341	5.2031	0.0208	324.220	0.034	36.778	2.882	612.200	2.286	0.000
15/12/2018	04:00:00	8.540	2.1264	23.761	25.877	5.3878	0.0244	222.480	0.416	39.946	2.142	611.950	2.115	0.000
15/12/2018	05:00:00	12.317	1.9186	16.996	18.983	5.5399	0.0626	269.350	0.981	40.948	2.266	611.990	2.166	0.000
15/12/2018	06:00:00	16.994	0.4768	14.928	15.391	5.7202	0.0272	255.860	0.416	38.060	2.408	612.020	2.154	0.000
15/12/2018	07:00:00	18.372	1.0688	14.500	15.570	5.8481	0.0181	236.580	1.137	37.840	1.997	612.280	2.162	0.000
15/12/2018	08:00:00	15.951	2.3040	19.521	21.826	5.2188	0.0155	237.580	1.011	37.376	2.014	612.540	55.672	0.000
15/12/2018	09:00:00	13.351	18.3180	25.574	43.913	5.8257	0.0208	192.840	0.687	34.988	4.095	612.840	250.870	0.000
15/12/2018	10:00:00	6.147	104.5400	53.354	157.730	8.6258	0.0516	105.250	0.397	30.915	6.851	613.180	372.750	0.000
15/12/2018	11:00:00	18.788	26.3310	30.901	57.489	10.3110	0.1172	106.170	1.032	22.480	8.560	613.260	569.490	0.000
15/12/2018	12:00:00	34.635	3.4632	9.126	12.588	6.6434	DI	110.900	1.043	17.267	10.396	612.770	703.220	0.000
15/12/2018	13:00:00	36.152	4.4274	12.885	17.242	6.4383	DI	133.530	1.370	17.509	12.133	612.070	707.710	0.000
15/12/2018	14:00:00	37.809	2.8244	9.160	11.997	6.4838	0.2540	128.290	1.276	16.846	13.487	611.150	681.740	0.000
15/12/2018	15:00:00	39.375	2.0773	7.817	9.896	6.3397	0.0637	117.130	1.398	16.235	14.784	610.630	579.920	0.000
15/12/2018	16:00:00	41.191	1.5330	7.823	9.351	6.1795	0.0620	84.702	1.540	15.115	15.922	610.410	433.730	0.000
15/12/2018	17:00:00	39.404	1.7281	9.131	10.816	5.6879	0.0600	53.509	1.710	15.923	16.067	610.440	253.710	0.000
15/12/2018	18:00:00	32.536	2.0267	13.295	15.331	5.6712	0.0557	68.655	2.302	19.659	14.513	610.750	73.774	0.000
15/12/2018	19:00:00	20.973	2.4232	24.365	26.781	6.1551	0.0575	33.560	1.459	25.431	12.082	611.030	2.821	0.000
15/12/2018	20:00:00	6.441	19.1580	42.367	61.497	6.4558	0.1166	221.610	0.484	31.162	10.575	611.740	2.299	0.000
15/12/2018	21:00:00	5.140	8.7316	39.564	48.296	5.9956	DI	287.660	0.706	35.769	9.504	612.330	2.139	0.000
15/12/2018	22:00:00	8.416	7.7071	38.238	45.931	5.9008	0.2484	174.280	1.124	38.540	9.333	612.740	2.175	0.000
15/12/2018	23:00:00	7.600	5.6246	40.744	46.324	6.2090	0.0568	168.340	0.867	38.993	8.915	613.020	2.157	0.000

PROMEDIO 24 HORAS	19.912	9.4089	22.228	31.630	6.29	0.0697
LIMITE MÁXIMO PERMISIBLE	95	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:	16/12/2018

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
		O3	CO	NO	NO2	NOX	SO2	PM10						
16/12/2018	00:00:00	4.473	DI	10.5570	43.431	54.037	5.7504	0.0614	183.100	0.511	40.937	8.187	613.140	2.243
16/12/2018	01:00:00	127.070	1.5289	8.5967	36.394	45.136	6.6647	0.0584	117.990	0.820	38.781	7.086	612.970	2.030
16/12/2018	02:00:00	8.136	2.7411	CAL	CAL	CAL	6.5650	0.0606	154.610	0.254	46.983	5.665	612.850	2.119
16/12/2018	03:00:00	8.161	CAL	9.5609	27.491	37.124	5.5986	0.0432	239.300	0.400	48.185	5.312	612.600	2.277
16/12/2018	04:00:00	8.721	2.6052	18.7950	25.491	44.113	CAL	0.0421	239.720	0.088	50.580	4.423	612.380	2.158
16/12/2018	05:00:00	3.485	2.3029	14.1680	28.812	42.855	5.8881	0.0548	291.500	0.465	55.365	3.564	612.590	2.216
16/12/2018	06:00:00	12.569	2.2128	1.0051	18.904	19.935	5.7246	0.0523	256.200	0.625	50.935	3.952	612.860	2.154
16/12/2018	07:00:00	7.006	2.6224	20.4690	25.780	46.092	5.3233	0.0270	233.580	0.297	53.217	3.375	613.020	2.228
16/12/2018	08:00:00	3.253	3.6813	108.2900	28.950	137.880	6.9456	0.0378	212.660	0.003	58.964	2.987	613.320	36.059
16/12/2018	09:00:00	5.110	3.0355	69.9040	38.224	108.540	7.2884	DI	205.220	0.045	48.949	5.714	613.560	236.890
16/12/2018	10:00:00	13.902	2.9392	33.9760	40.093	74.070	7.6347	DI	146.820	0.186	38.568	9.217	613.750	428.270
16/12/2018	11:00:00	17.696	2.9829	32.0580	43.362	75.447	8.7683	0.2693	103.690	0.971	31.331	11.499	613.370	581.640
16/12/2018	12:00:00	24.674	2.7756	21.9820	39.057	61.021	9.7959	0.0903	117.740	0.930	23.720	13.641	612.920	611.780
16/12/2018	13:00:00	28.266	2.4569	14.3660	31.324	45.709	10.6430	DI	110.680	1.064	16.426	15.932	612.220	630.820
16/12/2018	14:00:00	37.397	2.3613	6.4076	20.348	26.681	7.4919	DI	91.073	1.078	13.833	17.496	611.200	544.030
16/12/2018	15:00:00	44.299	2.1327	2.6901	12.445	15.191	6.2470	0.2432	121.730	1.094	14.687	18.477	610.590	498.650
16/12/2018	16:00:00	41.646	2.0428	1.7878	10.880	12.658	6.2843	0.0479	170.580	1.729	16.749	18.485	610.480	295.850
16/12/2018	17:00:00	36.940	2.1999	1.7268	9.605	11.336	5.8424	0.0386	56.075	2.597	17.674	17.412	610.590	156.990
16/12/2018	18:00:00	29.775	2.2079	2.0943	16.335	18.429	6.1799	0.0410	85.469	1.847	22.159	15.846	610.880	45.986
16/12/2018	19:00:00	13.698	2.5798	5.1723	34.982	40.161	5.8680	0.0602	303.200	1.033	27.901	14.175	611.230	2.519
16/12/2018	20:00:00	14.810	2.5928	3.4688	28.990	32.458	5.5478	0.0640	137.620	0.702	34.239	12.578	611.660	2.246
16/12/2018	21:00:00	13.552	2.7293	1.8422	28.108	29.959	5.8133	0.7932	279.280	0.685	37.069	11.635	612.260	2.299
16/12/2018	22:00:00	10.889	2.4677	4.2494	32.811	37.214	5.5417	0.2400	278.590	0.831	38.139	10.672	612.620	2.272
16/12/2018	23:00:00	5.506	3.0017	11.9000	40.001	51.811	7.3152	0.0531	239.460	0.520	37.107	10.664	612.650	2.199

PROMEDIO 24 HORAS	21.710	2.55457	17.6116	28.775	46.429	6.73	0.1189
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



--

Lluvia

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

0.000

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	17/12/2018

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
17/12/2018	00:00:00	1.754	2.6974	21.8780	40.330	62.253	6.7400	0.0522	212.200	0.537	39.274	9.998	612.640	2.248	0.000
17/12/2018	01:00:00	5.288	2.0137	8.1376	34.683	42.882	6.3266	0.0489	170.800	0.596	35.195	9.470	612.370	2.272	0.000
17/12/2018	02:00:00	9.180	1.3247	10.1330	26.333	36.481	6.1356	0.0387	201.710	0.069	43.125	8.568	612.010	2.192	0.000
17/12/2018	03:00:00	1.525	1.9778	46.9510	36.634	83.767	6.3644	0.0400	174.190	0.171	45.702	7.901	611.650	2.195	0.000
17/12/2018	04:00:00	1.154	1.5827	20.2310	33.503	53.873	6.3246	DI	333.090	0.351	48.549	6.934	611.710	2.147	0.000
17/12/2018	05:00:00	1.431	1.4726	7.0695	33.818	40.919	7.2155	DI	307.990	0.381	47.904	6.522	611.720	2.209	0.000
17/12/2018	06:00:00	3.168	1.0199	4.5576	31.247	35.752	7.2834	DI	309.160	0.416	46.362	6.622	611.920	2.153	0.000
17/12/2018	07:00:00	1.616	1.7813	43.7830	34.017	77.903	7.1670	DI	320.410	0.257	48.712	6.484	612.020	2.136	0.000
17/12/2018	08:00:00	1.493	3.2236	152.4700	34.729	186.890	8.2118	DI	322.070	0.035	50.894	6.621	612.280	17.506	0.000
17/12/2018	09:00:00	2.658	3.6842	162.2400	37.060	200.460	9.2679	DI	307.740	0.373	47.749	8.054	612.550	183.070	0.000
17/12/2018	10:00:00	6.321	2.9131	101.4800	53.793	155.510	11.2140	DI	128.230	0.951	34.629	11.279	612.600	377.270	0.000
17/12/2018	11:00:00	12.412	1.9611	48.1940	45.951	94.207	10.0710	0.1500	117.190	1.027	27.455	13.534	612.450	555.900	0.000
17/12/2018	12:00:00	20.532	1.5651	24.1250	35.335	59.476	11.0790	0.1243	146.380	0.711	22.722	16.258	612.090	648.420	0.000
17/12/2018	13:00:00	30.849	1.3950	13.6010	29.662	43.278	11.0450	0.1140	101.460	1.727	20.899	18.084	611.070	690.200	0.000
17/12/2018	14:00:00	40.685	1.1183	6.6091	22.393	28.987	9.1804	0.1026	99.534	1.480	20.392	20.237	609.910	667.440	0.000
17/12/2018	15:00:00	52.485	1.0672	2.8840	15.827	18.733	8.0649	DI	153.020	1.205	21.790	21.475	609.100	577.320	0.000
17/12/2018	16:00:00	52.251	0.8975	2.5314	14.899	17.383	7.4676	DI	91.713	1.365	21.773	22.265	608.680	404.350	0.000
17/12/2018	17:00:00	44.191	0.7293	3.9382	15.337	19.320	6.8887	DI	56.700	1.816	22.109	22.185	608.460	267.300	0.000
17/12/2018	18:00:00	31.400	0.8468	4.7679	25.253	29.992	6.4016	0.0741	74.637	1.706	24.464	20.552	608.700	59.000	0.000
17/12/2018	19:00:00	15.219	1.5137	6.6397	35.147	41.764	6.5831	0.0803	292.530	1.776	29.105	17.917	609.210	2.889	0.000
17/12/2018	20:00:00	12.938	1.1321	5.3150	31.416	36.756	5.9959	0.0884	178.040	0.726	34.836	15.646	609.690	2.279	0.000
17/12/2018	21:00:00	7.286	1.2708	6.5010	37.402	43.855	6.0512	0.0692	277.650	0.734	37.728	14.814	609.970	2.323	0.000
17/12/2018	22:00:00	2.071	2.1856	90.6150	44.903	135.730	6.9518	0.0765	253.990	0.061	41.122	14.110	609.840	2.247	0.000
17/12/2018	23:00:00	1.236	2.5615	111.1200	43.509	154.920	7.8595	0.1109	264.680	0.078	44.992	12.834	609.790	2.192	0.000

PROMEDIO 24 HORAS	14.964	1.74729	37.7405	33.049	70.879	7.75	0.0836
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:	18/12/2018

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							
18/12/2018	00:00:00	1.360	2.0446	64.8900	40.312	104.290	8.4927	0.1685	313.440	0.629	48.055	11.915	609.650	2.211	0.000
18/12/2018	01:00:00	1.528	1.1044	33.9350	36.617	70.528	7.2095	0.1421	332.240	0.409	52.157	11.056	609.530	2.173	0.000
18/12/2018	02:00:00	1.122	0.5386	16.0370	34.984	51.093	8.4792	0.1052	249.850	0.695	54.698	9.963	609.340	2.178	0.000
18/12/2018	03:00:00	4.407	0.4352	2.3378	29.173	31.529	8.1449	0.0972	315.560	0.525	54.341	9.496	609.110	2.090	0.000
18/12/2018	04:00:00	2.144	0.3477	5.7671	31.550	37.311	7.4389	0.0648	88.639	0.172	56.564	9.114	609.010	2.102	0.000
18/12/2018	05:00:00	4.389	0.0963	2.2532	27.854	30.095	7.2493	DI	322.740	0.751	57.259	8.799	609.140	2.037	0.000
18/12/2018	06:00:00	3.048	0.3006	7.7585	31.605	39.270	6.9728	DI	313.630	0.753	57.567	8.289	609.140	2.122	0.000
18/12/2018	07:00:00	1.922	0.8135	19.6750	34.732	54.434	7.4464	DI	81.260	0.014	56.779	8.448	609.290	2.194	0.000
18/12/2018	08:00:00	1.353	2.4079	149.0600	34.516	182.700	8.1260	0.0593	77.911	0.239	57.877	8.808	609.610	37.380	0.000
18/12/2018	09:00:00	1.753	2.8318	188.3600	46.584	234.800	12.2760	0.1558	78.501	0.941	50.245	11.161	609.650	170.150	0.000
18/12/2018	10:00:00	5.253	2.2881	129.0500	53.737	182.630	12.5460	DI	105.940	1.402	49.994	13.954	609.590	244.830	0.000
18/12/2018	11:00:00	10.835	1.1712	39.8840	49.209	88.733	12.2410	DI	128.910	0.904	46.350	17.038	609.460	324.290	0.000
18/12/2018	12:00:00	23.000	0.1765	8.2027	15.067	23.027	8.2658	DI	210.210	3.774	35.059	19.756	608.630	516.870	0.000
18/12/2018	13:00:00	25.165	0.0000	2.8637	7.462	10.330	6.6548	0.0900	234.080	4.591	28.395	21.106	607.450	399.160	0.000
18/12/2018	14:00:00	23.957	0.0000	2.7319	7.273	9.998	6.7253	0.0453	228.310	3.617	27.129	22.077	606.380	346.930	0.000
18/12/2018	15:00:00	24.085	0.0000	2.9528	8.111	11.050	6.8617	0.0386	244.310	4.438	30.095	22.082	605.900	248.770	0.000
18/12/2018	16:00:00	23.295	0.0000	3.5676	7.439	10.985	7.2953	0.0354	244.150	4.125	27.534	23.109	605.590	431.810	0.000
18/12/2018	17:00:00	26.670	0.0000	2.8878	8.250	11.131	6.9754	DI	244.500	4.099	24.926	23.205	605.590	270.750	0.000
18/12/2018	18:00:00	25.329	0.0000	2.0844	9.386	11.471	13.4420	DI	259.960	3.309	25.417	21.999	605.840	60.641	0.000
18/12/2018	19:00:00	15.066	0.0000	4.4990	21.996	26.395	27.3390	0.2315	256.260	1.794	28.253	20.742	606.020	2.811	0.000
18/12/2018	20:00:00	11.409	0.0679	5.4345	23.452	28.883	8.6694	0.0396	255.270	2.042	30.762	19.916	606.180	2.218	0.000
18/12/2018	21:00:00	6.473	0.2826	16.9340	28.836	45.745	8.6081	0.0312	241.920	1.754	33.200	18.544	606.540	2.339	0.000
18/12/2018	22:00:00	15.084	0.0000	3.7668	16.074	19.788	6.8019	0.0472	239.160	2.830	32.189	18.198	606.550	2.197	0.000
18/12/2018	23:00:00	24.999	0.0000	1.0163	9.752	10.786	6.7365	0.0332	243.970	2.981	34.729	17.451	606.510	2.212	0.000

PROMEDIO 24 HORAS	11.818	0.62112	29.8312	25.582	55.292	9.21	0.0866
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 ³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	19/12/2018

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
19/12/2018	00:00:00	27.866	0.0000	0.7874	6.323	7.096	6.5129	0.0274	232.710	4.460	36.613	16.849	606.090	2.262	0.000
19/12/2018	01:00:00	26.559	0.0000	0.2880	4.700	4.985	6.5018	0.0239	243.340	3.540	39.503	15.690	606.630	2.216	0.000
19/12/2018	02:00:00	26.298	0.0000	0.3642	4.338	4.702	6.1409	0.0145	224.290	3.649	43.420	15.022	606.560	2.215	0.000
19/12/2018	03:00:00	26.034	0.0000	0.2070	4.204	4.413	6.1990	0.0195	214.530	2.722	50.057	14.373	606.320	2.217	0.000
19/12/2018	04:00:00	25.514	0.0000	0.2241	4.153	4.376	6.1773	0.0115	223.290	3.436	56.118	13.673	606.280	2.218	0.000
19/12/2018	05:00:00	24.044	0.0000	0.2165	4.790	5.007	6.3485	0.0186	221.630	3.924	59.919	12.912	606.140	2.187	0.000
19/12/2018	06:00:00	22.138	0.0000	0.4347	5.379	5.815	6.0992	0.0163	223.390	4.468	63.636	12.447	606.040	2.222	0.000
19/12/2018	07:00:00	20.442	0.0000	1.0220	6.316	7.347	6.2631	0.0139	231.580	4.246	66.013	12.269	606.270	2.218	0.000
19/12/2018	08:00:00	17.531	0.0000	1.8768	9.699	11.587	6.3817	DI	256.020	2.864	67.671	11.934	606.860	45.644	0.000
19/12/2018	09:00:00	16.583	0.0000	4.2378	11.488	15.736	6.9788	DI	264.200	2.064	62.246	12.797	607.270	233.270	0.000
19/12/2018	10:00:00	20.904	0.0000	4.4129	8.906	13.317	6.4557	DI	230.720	2.840	51.327	14.545	607.370	424.350	0.000
19/12/2018	11:00:00	24.780	0.0000	3.8614	7.297	11.158	6.3820	0.0233	234.980	3.008	38.169	16.614	607.210	581.100	0.000
19/12/2018	12:00:00	28.861	0.0000	2.5367	4.916	7.450	6.6216	0.0233	269.940	3.560	24.841	18.265	606.630	689.210	0.000
19/12/2018	13:00:00	29.150	0.0000	1.7402	4.479	6.236	6.5127	0.0315	272.150	4.298	21.596	19.511	605.690	727.770	0.000
19/12/2018	14:00:00	30.964	0.0000	1.8309	4.466	6.304	6.8719	0.0299	269.390	4.632	17.872	20.641	604.800	702.960	0.000
19/12/2018	15:00:00	36.052	0.0000	1.6468	5.449	7.099	7.4762	0.0364	264.890	5.047	14.244	21.624	604.190	620.140	0.000
19/12/2018	16:00:00	38.365	0.0000	1.5459	5.798	7.363	7.6046	0.0358	273.530	4.654	13.552	22.082	603.960	467.440	0.000
19/12/2018	17:00:00	34.196	0.0000	1.7667	6.813	8.559	7.6143	0.0370	271.510	4.166	11.015	22.341	603.880	279.810	0.000
19/12/2018	18:00:00	31.758	0.0000	1.4234	7.744	9.172	6.4586	0.0296	291.310	3.625	9.752	21.608	604.200	84.409	0.000
19/12/2018	19:00:00	21.178	0.0000	2.0695	19.877	21.938	6.1395	0.0209	287.220	2.563	12.041	19.708	604.860	3.239	0.000
19/12/2018	20:00:00	18.796	0.0000	2.6044	20.522	23.171	6.3080	0.0323	302.810	2.695	14.366	18.134	605.770	2.136	0.000
19/12/2018	21:00:00	19.411	0.0000	1.9478	16.257	18.195	6.1516	0.0307	300.110	2.602	16.633	16.208	606.470	2.195	0.000
19/12/2018	22:00:00	24.808	0.0000	1.5921	9.731	11.323	6.1238	DI	292.490	3.486	16.801	15.641	606.740	2.086	0.000
19/12/2018	23:00:00	26.602	0.0000	0.8598	6.991	7.852	5.9782	DI	300.070	3.360	22.093	14.101	607.100	2.034	0.000

PROMEDIO 24 HORAS	25.785	0.00000	1.6457	7.943	9.592	6.51	0.0251
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:	20/12/2018

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	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
20/12/2018	00:00:00	26.847	0.0000	0.5870	5.674	6.263	6.2018	291.480	3.082	24.077	13.175	607.610	2.156	0.000
20/12/2018	01:00:00	25.100	2.4623	0.3933	6.554	6.949	5.9624	274.680	1.667	26.262	12.195	607.780	2.156	0.000
20/12/2018	02:00:00	22.365	2.6820	0.3183	8.595	8.904	6.4874	255.600	1.172	26.936	11.476	607.990	2.190	0.000
20/12/2018	03:00:00	25.869	2.8334	0.2874	5.468	5.781	6.0333	297.120	1.951	25.548	11.055	608.110	2.132	0.000
20/12/2018	04:00:00	27.138	2.5287	0.2853	3.160	3.450	6.0451	278.570	1.519	26.730	10.453	608.260	2.075	0.000
20/12/2018	05:00:00	23.329	2.7171	0.1884	5.722	5.911	5.8125	221.900	1.063	27.983	10.061	608.580	2.098	0.000
20/12/2018	06:00:00	27.706	2.7408	0.2138	4.559	4.781	7.3874	257.060	1.978	24.295	10.640	608.890	2.173	0.000
20/12/2018	07:00:00	26.622	2.9422	0.2910	7.149	7.404	6.6580	288.260	1.664	24.078	9.992	609.470	2.143	0.000
20/12/2018	08:00:00	24.342	3.0238	0.9951	11.406	12.414	6.2798	300.100	2.042	24.631	9.606	610.030	49.675	0.000
20/12/2018	09:00:00	27.161	3.3062	2.3037	9.719	12.011	6.1627	300.490	2.253	22.691	10.820	610.760	247.670	0.000
20/12/2018	10:00:00	31.654	3.1958	2.4205	5.792	8.196	6.1776	309.740	4.342	20.395	12.124	611.170	442.180	0.000
20/12/2018	11:00:00	32.482	3.1903	2.5221	6.409	8.935	6.1003	311.870	3.566	18.288	13.516	611.130	602.780	0.000
20/12/2018	12:00:00	34.068	3.2236	1.9690	4.922	6.886	6.2931	297.250	3.103	16.041	14.966	610.680	707.030	0.000
20/12/2018	13:00:00	34.551	3.0819	1.8999	4.796	6.705	6.0339	272.920	2.648	15.145	16.074	610.030	746.250	0.000
20/12/2018	14:00:00	34.993	2.9068	1.3583	4.048	5.480	5.9005	289.280	2.759	13.266	17.494	609.260	720.350	0.000
20/12/2018	15:00:00	34.149	3.0818	1.7333	4.985	6.710	5.9323	279.700	3.454	12.309	18.426	608.710	634.900	0.000
20/12/2018	16:00:00	33.207	2.9775	2.0041	5.148	7.130	6.1079	275.030	2.742	12.032	19.103	608.610	483.640	0.000
20/12/2018	17:00:00	31.425	2.8495	1.9935	6.502	8.512	6.0341	278.160	2.522	12.215	19.335	608.640	292.370	0.000
20/12/2018	18:00:00	27.959	2.9374	2.5937	11.292	13.915	6.0789	276.360	2.630	11.425	18.743	608.990	88.863	0.000
20/12/2018	19:00:00	11.880	3.6501	10.3500	32.897	43.374	6.0611	307.020	1.700	13.725	16.668	609.540	3.235	0.000
20/12/2018	20:00:00	6.120	3.2796	12.3900	35.433	47.946	6.6419	293.220	1.677	17.087	14.542	609.820	2.075	0.000
20/12/2018	21:00:00	3.481	4.0039	23.8070	37.970	61.555	6.8770	169.080	0.806	20.821	12.249	610.170	2.020	0.000
20/12/2018	22:00:00	0.000	3.7166	21.4960	38.473	60.009	6.9570	228.340	0.599	20.585	11.976	610.550	2.167	0.000
20/12/2018	23:00:00	0.000	3.7628	42.8950	37.175	80.940	6.6233	283.430	0.312	23.242	11.125	610.640	2.178	0.000

PROMEDIO 24 HORAS	23.852	2.96225	5.6373	12.660	18.340	6.29
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110

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:	21/12/2018

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	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
21/12/2018	00:00:00	0.290	3.8847	40.0210	36.211	76.893	7.0977	274.170	0.524	25.769	10.200	610.630	2.090	0.000
21/12/2018	01:00:00	DI	2.7259	39.7020	37.128	77.393	6.4138	220.050	0.148	28.995	9.482	610.710	2.094	0.000
21/12/2018	02:00:00	DI	2.6911	31.6530	34.861	66.513	7.8380	321.120	0.965	32.460	7.616	610.710	2.094	0.000
21/12/2018	03:00:00	DI	2.0361	4.0335	23.309	27.315	6.6728	261.720	0.863	36.445	6.884	610.620	2.109	0.000
21/12/2018	04:00:00	DI	1.7474	1.4947	19.419	20.913	6.9728	280.480	0.787	37.704	6.233	610.490	2.055	0.000
21/12/2018	05:00:00	DI	1.5760	0.5261	14.094	14.623	10.0090	250.000	0.357	36.782	6.031	610.370	2.060	0.000
21/12/2018	06:00:00	DI	1.3099	0.5292	14.190	14.728	6.0836	249.540	0.228	36.523	5.612	610.340	2.029	0.000
21/12/2018	07:00:00	DI	2.1625	47.1250	27.943	75.615	6.6583	264.510	0.160	42.287	4.531	610.600	2.047	0.000
21/12/2018	08:00:00	DI	2.0133	21.4600	29.307	50.945	7.2244	230.610	0.610	40.439	4.773	611.000	43.996	0.000
21/12/2018	09:00:00	DI	2.1367	35.2130	32.275	67.409	8.8261	214.670	0.156	36.575	7.166	611.350	233.760	0.000
21/12/2018	10:00:00	DI	2.9198	92.5710	50.950	143.490	10.7810	100.230	0.541	34.412	9.874	611.560	423.890	0.000
21/12/2018	11:00:00	DI	2.2613	50.3220	47.823	97.565	10.0380	123.940	0.461	26.466	12.549	611.430	589.470	0.000
21/12/2018	12:00:00	DI	1.9428	17.8100	31.221	48.976	9.1325	144.030	0.622	22.049	14.301	611.010	700.960	0.000
21/12/2018	13:00:00	DI	1.6979	10.3310	26.192	36.594	8.0252	139.600	0.715	16.696	16.503	610.220	742.140	0.000
21/12/2018	14:00:00	38.523	1.1953	3.8202	12.714	16.462	7.1365	152.830	0.869	10.838	18.225	609.500	714.340	0.000
21/12/2018	15:00:00	44.161	1.6243	2.1315	10.953	13.092	7.4403	171.180	0.962	11.681	19.028	609.120	591.260	0.000
21/12/2018	16:00:00	42.885	1.2760	1.4309	8.061	9.485	6.8640	156.960	1.250	11.196	19.791	608.820	463.840	0.000
21/12/2018	17:00:00	42.268	1.2540	0.9484	6.523	7.479	6.4719	85.051	0.981	10.893	20.072	608.600	279.180	0.000
21/12/2018	18:00:00	30.599	1.2737	2.5114	21.478	24.003	6.2724	56.912	1.237	12.172	19.363	608.510	84.833	0.000
21/12/2018	19:00:00	7.592	2.4000	52.7680	45.830	99.139	6.5991	74.754	0.399	15.114	16.364	608.770	3.286	0.000
21/12/2018	20:00:00	1.598	4.6372	162.0400	50.286	212.710	9.3787	202.180	0.360	20.593	15.017	608.990	2.161	0.000
21/12/2018	21:00:00	1.756	3.0932	72.8200	52.841	125.580	8.7544	248.230	0.799	24.669	13.466	609.340	2.107	0.000
21/12/2018	22:00:00	2.942	1.8991	18.5120	46.172	64.584	7.2040	249.050	1.066	26.952	12.124	609.620	2.145	0.000
21/12/2018	23:00:00	9.630	1.4769	6.4573	34.472	40.960	6.5873	244.330	1.155	27.313	11.053	609.810	2.160	0.000

PROMEDIO 24 HORAS	20.204	2.13480	29.8430	29.761	59.686	7.69
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110

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:	22/12/2018

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	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
22/12/2018	00:00:00	1.5270	24.1580	41.014	65.395	7.5963	257.030	0.874	29.940	9.683	610.000	2.143	0.000
22/12/2018	01:00:00	0.0000	3.8308	29.748	33.649	8.7039	218.710	1.055	29.177	9.269	609.880	2.084	0.000
22/12/2018	02:00:00	0.0000	0.8466	22.201	23.050	7.1607	208.690	0.788	30.372	8.525	609.840	2.131	0.000
22/12/2018	03:00:00	0.0000	0.8280	21.102	21.913	6.7665	229.660	0.628	31.127	7.927	609.820	2.110	0.000
22/12/2018	04:00:00	0.0000	3.5027	17.114	20.653	6.3708	218.600	0.402	31.280	7.302	609.600	2.145	0.000
22/12/2018	05:00:00	0.0000	31.9510	31.238	63.060	6.8593	250.780	0.000	40.722	5.674	609.530	2.173	0.000
22/12/2018	06:00:00	0.0000	45.7720	29.941	75.678	6.9890	227.060	0.026	45.039	5.554	609.560	2.157	0.000
22/12/2018	07:00:00	0.0000	135.1700	28.118	162.970	7.7941	199.600	0.000	50.061	4.928	609.760	2.141	0.000
22/12/2018	08:00:00	0.3807	230.8200	35.436	266.290	9.3533	197.080	0.002	54.262	4.699	610.140	42.058	0.000
22/12/2018	09:00:00	0.4893	283.6300	58.398	341.910	11.8930	101.780	0.066	44.098	8.154	610.450	228.090	0.000
22/12/2018	10:00:00	0.3967	195.3600	73.548	269.100	12.8520	78.201	0.101	31.893	11.810	610.930	421.480	0.000
22/12/2018	11:00:00	0.0000	103.3500	75.529	178.930	15.5430	100.460	0.773	24.963	15.312	611.030	582.540	0.000
22/12/2018	12:00:00	0.0000	37.1820	59.741	96.670	10.9370	111.580	1.112	18.068	17.583	610.610	690.410	0.000
22/12/2018	13:00:00	0.0000	13.8480	38.808	52.547	10.2090	125.590	0.704	14.984	19.959	609.850	726.200	0.000
22/12/2018	14:00:00	0.0000	4.0166	14.376	18.292	8.3744	132.790	1.214	11.866	21.614	609.140	703.240	0.000
22/12/2018	15:00:00	0.0000	1.5151	6.882	8.386	6.9045	162.770	1.132	8.757	22.542	608.550	630.150	0.000
22/12/2018	16:00:00	0.0000	1.2718	6.571	7.836	6.8345	90.551	1.522	7.188	23.392	608.220	477.020	0.000
22/12/2018	17:00:00	0.0000	1.2981	7.127	8.427	6.8699	126.610	1.128	6.879	23.082	608.350	289.010	0.000
22/12/2018	18:00:00	0.0000	3.1157	20.880	23.968	6.9077	58.833	1.379	7.699	22.179	608.530	87.816	0.000
22/12/2018	19:00:00	0.0000	58.2840	48.470	106.900	7.6738	42.843	1.202	11.977	18.812	608.830	3.401	0.000
22/12/2018	20:00:00	1.2811	143.6500	52.210	195.230	8.8702	194.110	0.629	15.938	16.939	609.370	2.218	0.000
22/12/2018	21:00:00	0.8236	112.7900	45.619	158.540	9.4344	246.130	0.953	19.655	14.669	609.840	2.187	0.000
22/12/2018	22:00:00	0.0000	14.0340	38.251	52.305	7.3683	228.850	1.504	19.659	13.141	610.250	2.158	0.000
22/12/2018	23:00:00	0.0000	8.4771	35.024	43.483	7.1072	243.350	1.360	20.599	12.358	610.470	2.092	0.000

PROMEDIO 24 HORAS	0.20409	60.7792	34.889	95.633	8.56
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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:	22/12/2018

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	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
22/12/2018	00:00:00	1.5270	24.1580	41.014	65.395	7.5963	257.030	0.874	29.940	9.683	610.000	2.143	0.000
22/12/2018	01:00:00	0.0000	3.8308	29.748	33.649	8.7039	218.710	1.055	29.177	9.269	609.880	2.084	0.000
22/12/2018	02:00:00	0.0000	0.8466	22.201	23.050	7.1607	208.690	0.788	30.372	8.525	609.840	2.131	0.000
22/12/2018	03:00:00	0.0000	0.8280	21.102	21.913	6.7665	229.660	0.628	31.127	7.927	609.820	2.110	0.000
22/12/2018	04:00:00	0.0000	3.5027	17.114	20.653	6.3708	218.600	0.402	31.280	7.302	609.600	2.145	0.000
22/12/2018	05:00:00	0.0000	31.9510	31.238	63.060	6.8593	250.780	0.000	40.722	5.674	609.530	2.173	0.000
22/12/2018	06:00:00	0.0000	45.7720	29.941	75.678	6.9890	227.060	0.026	45.039	5.554	609.560	2.157	0.000
22/12/2018	07:00:00	0.0000	135.1700	28.118	162.970	7.7941	199.600	0.000	50.061	4.928	609.760	2.141	0.000
22/12/2018	08:00:00	0.3807	230.8200	35.436	266.290	9.3533	197.080	0.002	54.262	4.699	610.140	42.058	0.000
22/12/2018	09:00:00	0.4893	283.6300	58.398	341.910	11.8930	101.780	0.066	44.098	8.154	610.450	228.090	0.000
22/12/2018	10:00:00	0.3967	195.3600	73.548	269.100	12.8520	78.201	0.101	31.893	11.810	610.930	421.480	0.000
22/12/2018	11:00:00	0.0000	103.3500	75.529	178.930	15.5430	100.460	0.773	24.963	15.312	611.030	582.540	0.000
22/12/2018	12:00:00	0.0000	37.1820	59.741	96.670	10.9370	111.580	1.112	18.068	17.583	610.610	690.410	0.000
22/12/2018	13:00:00	0.0000	13.8480	38.808	52.547	10.2090	125.590	0.704	14.984	19.959	609.850	726.200	0.000
22/12/2018	14:00:00	0.0000	4.0166	14.376	18.292	8.3744	132.790	1.214	11.866	21.614	609.140	703.240	0.000
22/12/2018	15:00:00	0.0000	1.5151	6.882	8.386	6.9045	162.770	1.132	8.757	22.542	608.550	630.150	0.000
22/12/2018	16:00:00	0.0000	1.2718	6.571	7.836	6.8345	90.551	1.522	7.188	23.392	608.220	477.020	0.000
22/12/2018	17:00:00	0.0000	1.2981	7.127	8.427	6.8699	126.610	1.128	6.879	23.082	608.350	289.010	0.000
22/12/2018	18:00:00	0.0000	3.1157	20.880	23.968	6.9077	58.833	1.379	7.699	22.179	608.530	87.816	0.000
22/12/2018	19:00:00	0.0000	58.2840	48.470	106.900	7.6738	42.843	1.202	11.977	18.812	608.830	3.401	0.000
22/12/2018	20:00:00	1.2811	143.6500	52.210	195.230	8.8702	194.110	0.629	15.938	16.939	609.370	2.218	0.000
22/12/2018	21:00:00	0.8236	112.7900	45.619	158.540	9.4344	246.130	0.953	19.655	14.669	609.840	2.187	0.000
22/12/2018	22:00:00	0.0000	14.0340	38.251	52.305	7.3683	228.850	1.504	19.659	13.141	610.250	2.158	0.000
22/12/2018	23:00:00	0.0000	8.4771	35.024	43.483	7.1072	243.350	1.360	20.599	12.358	610.470	2.092	0.000

PROMEDIO 24 HORAS	0.20409	60.7792	34.889	95.633	8.56
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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:	24/12/2018

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	DATOS METEOROLÓGICOS						
							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/12/2018	00:00:00	2.5219	0.7416	17.943	18.677	8.1184	66.074	2.042	50.498	9.786	612.370	2.183	0.000
24/12/2018	01:00:00	0.6333	0.9675	20.182	21.184	7.8477	51.233	1.582	57.198	8.741	612.470	2.136	0.000
24/12/2018	02:00:00	0.0000	0.5481	11.515	12.060	5.9653	70.784	2.052	70.820	8.450	612.520	2.131	0.000
24/12/2018	03:00:00	0.0000	0.3334	11.593	11.931	6.5231	108.800	2.357	65.536	8.778	612.360	1.913	0.000
24/12/2018	04:00:00	0.0000	0.1725	11.504	11.686	6.3256	99.842	1.258	72.253	8.302	612.350	2.028	0.000
24/12/2018	05:00:00	0.0477	0.8474	19.305	20.152	6.1003	58.172	0.006	80.062	7.030	612.250	2.116	0.000
24/12/2018	06:00:00	0.0000	2.0039	21.550	23.536	6.0224	198.380	0.054	85.400	6.289	612.030	2.229	0.000
24/12/2018	07:00:00	0.3058	12.1270	25.823	37.791	5.9245	293.580	0.000	85.721	5.629	611.930	2.081	0.000
24/12/2018	08:00:00	0.2129	16.1680	29.034	45.225	5.8662	285.820	0.000	80.632	5.770	612.070	19.714	0.000
24/12/2018	09:00:00	0.6717	21.1200	27.541	48.515	6.1606	295.200	0.000	75.082	6.713	612.380	166.490	0.000
24/12/2018	10:00:00	0.5604	18.9690	29.846	48.807	6.6401	161.930	0.045	63.167	9.644	612.400	392.990	0.000
24/12/2018	11:00:00	0.3578	14.3970	29.190	43.593	7.1131	109.810	0.808	59.029	11.256	612.260	541.980	0.000
24/12/2018	12:00:00	0.2977	10.7260	25.153	35.812	7.4022	118.100	1.218	50.551	13.062	611.650	667.360	0.000
24/12/2018	13:00:00	0.0000	6.3583	17.818	24.184	7.2574	149.120	0.793	44.709	14.833	610.800	705.530	0.000
24/12/2018	14:00:00	0.0000	5.3775	17.831	23.246	7.3055	125.560	0.749	35.656	17.085	609.810	671.240	0.000
24/12/2018	15:00:00	0.0000	3.7233	14.618	18.350	6.9794	174.920	0.864	32.571	18.278	609.260	567.710	0.000
24/12/2018	16:00:00	0.0000	1.5050	11.250	12.770	6.7743	114.000	0.842	28.911	19.270	608.930	379.160	0.000
24/12/2018	17:00:00	0.0000	1.8789	10.492	12.409	6.7045	101.670	1.350	29.662	19.323	608.690	192.570	0.000
24/12/2018	18:00:00	0.0000	5.3698	17.763	23.104	6.3919	37.810	1.579	35.787	18.014	608.770	41.016	0.000
24/12/2018	19:00:00	0.0000	4.0359	20.390	24.524	6.3729	48.656	1.465	42.751	16.261	608.980	2.809	0.000
24/12/2018	20:00:00	0.0481	3.8791	24.279	28.145	6.3322	214.980	0.724	51.592	15.036	609.280	2.272	0.000
24/12/2018	21:00:00	0.2630	6.8643	29.690	36.541	6.2399	316.120	0.688	57.161	14.162	609.530	2.182	0.000
24/12/2018	22:00:00	0.2802	11.0810	31.608	42.591	6.2518	316.610	0.345	64.001	12.965	609.700	2.182	0.000
24/12/2018	23:00:00	0.7109	20.1060	34.984	55.216	6.4908	285.070	0.210	68.173	12.236	609.770	2.233	0.000

PROMEDIO 24 HORAS	0.28797	7.0542	21.288	28.335	6.63
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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:	25/12/2018

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	DATOS METEOROLÓGICOS						
							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
25/12/2018	00:00:00	0.0000	4.8278	26.817	31.662	6.3330	263.750	0.459	69.515	11.639	609.680	2.140	0.000
25/12/2018	01:00:00	1.9472	2.3930	26.196	28.541	7.2656	242.060	0.263	61.671	11.402	609.620	2.140	0.000
25/12/2018	02:00:00	2.0419	8.3308	25.172	33.550	7.4885	143.830	0.072	60.749	11.045	609.480	2.221	0.000
25/12/2018	03:00:00	2.9892	31.9070	34.336	66.272	7.9062	233.340	0.000	74.048	9.910	609.260	2.230	0.000
25/12/2018	04:00:00	2.3740	14.5620	28.553	42.962	7.9170	303.940	0.142	67.523	9.713	609.280	2.199	0.000
25/12/2018	05:00:00	2.4691	19.2990	27.568	46.836	7.3881	129.390	0.000	69.585	9.024	609.170	2.140	0.000
25/12/2018	06:00:00	2.4427	29.1120	26.622	55.658	7.4463	43.776	0.027	71.807	8.944	609.210	2.127	0.000
25/12/2018	07:00:00	2.5569	37.5070	26.820	64.313	7.4138	249.570	0.118	77.078	8.678	609.410	2.157	0.000
25/12/2018	08:00:00	2.7634	38.0600	23.925	61.949	7.1990	347.570	0.000	77.851	8.172	609.570	21.559	0.000
25/12/2018	09:00:00	2.7153	28.4730	26.730	55.229	7.4429	95.074	0.000	77.375	9.079	609.850	169.580	0.000
25/12/2018	10:00:00	2.0769	12.3150	25.183	37.380	7.2913	237.450	0.000	60.292	11.850	609.930	323.250	0.000
25/12/2018	11:00:00	1.9329	7.5793	26.691	34.207	7.9361	118.630	0.218	52.172	14.962	609.750	448.700	0.000
25/12/2018	12:00:00	1.8850	8.9333	30.760	39.657	8.8179	113.380	1.394	48.927	15.604	609.410	378.420	0.000
25/12/2018	13:00:00	1.4005	8.5441	20.342	28.899	11.6030	86.647	1.314	39.234	18.090	608.700	566.360	0.000
25/12/2018	14:00:00	1.3870	2.8837	13.706	16.603	9.5334	88.300	0.969	29.398	20.134	607.850	497.140	0.000
25/12/2018	15:00:00	1.2507	2.0215	15.518	17.549	9.2367	102.060	2.501	29.006	20.520	607.320	314.910	0.000
25/12/2018	16:00:00	1.2693	1.2983	13.695	14.986	8.8240	107.100	2.059	28.622	20.741	607.100	192.840	0.000
25/12/2018	17:00:00	1.1823	0.8899	13.480	14.383	7.9901	109.780	0.613	27.217	21.187	607.210	142.130	0.000
25/12/2018	18:00:00	1.8464	3.0254	37.812	40.664	7.8695	52.504	0.000	28.836	20.780	607.360	50.490	0.000
25/12/2018	19:00:00	3.1707	37.9330	58.186	95.832	8.0807	190.980	0.377	33.519	19.214	607.530	2.882	0.000
25/12/2018	20:00:00	2.3729	25.8370	40.032	65.942	7.8811	249.100	1.655	33.054	18.177	607.760	2.192	0.000
25/12/2018	21:00:00	1.6687	4.4363	25.634	30.077	6.8364	222.780	1.588	34.806	17.248	607.850	2.114	0.000
25/12/2018	22:00:00	3.0345	69.5570	39.225	108.980	7.3021	128.710	0.339	45.296	14.729	608.020	2.207	0.000
25/12/2018	23:00:00	2.9753	66.1770	37.556	103.700	8.5902	193.540	0.174	44.345	15.014	608.100	2.182	0.000

PROMEDIO 24 HORAS	2.07303	19.4126	27.940	47.326	7.98
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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:	26/12/2018

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	DATOS METEOROLÓGICOS						
							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
26/12/2018	00:00:00	2.9184	76.7580	33.809	110.320	7.9873	121.270	0.174	47.812	14.240	608.180	2.199	0.000
26/12/2018	01:00:00	2.1017	22.8930	36.031	58.888	7.6439	166.160	0.425	57.787	13.157	608.200	2.119	0.000
26/12/2018	02:00:00	2.0477	33.1820	34.081	67.385	7.1998	353.380	0.000	60.643	12.824	608.080	2.217	0.000
26/12/2018	03:00:00	1.7410	20.5120	32.180	52.756	7.1860	355.260	0.000	64.668	12.022	607.870	2.105	0.000
26/12/2018	04:00:00	1.3836	22.2130	29.168	51.362	7.1711	355.750	0.000	66.148	11.720	607.770	2.177	0.000
26/12/2018	05:00:00	1.7707	28.3440	27.521	55.802	6.7458	267.990	0.000	68.357	11.089	607.780	2.231	0.000
26/12/2018	06:00:00	1.0560	20.6960	28.202	48.732	6.6442	80.424	0.000	70.523	10.598	607.820	2.069	0.000
26/12/2018	07:00:00	1.5289	67.2800	31.091	98.305	6.8761	113.320	0.000	67.236	10.845	607.920	2.171	0.000
26/12/2018	08:00:00	2.1238	111.2000	33.411	144.860	7.6258	148.800	0.075	66.346	11.053	608.430	15.285	0.000
26/12/2018	09:00:00	2.3926	87.6650	32.226	119.650	7.6891	171.860	0.206	63.123	12.989	608.700	77.323	0.000
26/12/2018	10:00:00	2.1054	72.1310	32.842	104.890	8.5482	69.316	0.470	60.089	12.945	608.780	191.200	0.000
26/12/2018	11:00:00	2.0725	41.2290	35.143	76.401	8.9853	81.922	0.439	53.211	16.296	608.480	310.010	0.000
26/12/2018	12:00:00	1.4083	14.3470	21.728	35.989	8.2845	154.320	2.091	45.615	18.688	607.670	338.750	0.000
26/12/2018	13:00:00	0.9569	2.4476	7.211	9.655	6.3146	207.680	3.189	39.418	20.036	606.710	449.910	0.000
26/12/2018	14:00:00	0.9521	2.4091	5.265	7.679	6.1855	218.790	4.968	35.052	21.681	605.840	747.290	0.000
26/12/2018	15:00:00	0.7239	2.3258	5.208	7.538	6.0641	225.900	5.393	31.091	22.786	605.120	712.160	0.000
26/12/2018	16:00:00	0.7994	2.2341	5.543	7.780	5.9478	228.100	6.074	30.610	22.724	604.820	470.520	0.000
26/12/2018	17:00:00	0.9019	2.2277	5.720	7.939	6.2198	218.440	5.914	29.658	22.469	604.660	270.790	0.000
26/12/2018	18:00:00	0.8992	2.0549	7.290	9.347	6.2910	224.930	5.154	28.697	21.998	604.690	85.426	0.000
26/12/2018	19:00:00	0.9556	1.6969	8.573	10.249	5.9732	230.210	3.959	30.747	20.946	605.020	3.945	0.000
26/12/2018	20:00:00	1.2016	2.1111	13.756	15.885	6.0368	239.950	1.954	35.200	20.050	605.570	2.203	0.000
26/12/2018	21:00:00	1.4931	3.5175	16.935	20.464	6.4066	255.400	1.901	38.368	18.919	606.030	2.203	0.000
26/12/2018	22:00:00	1.2115	2.2020	12.063	14.265	7.3115	255.800	2.386	41.718	18.007	606.300	2.183	0.000
26/12/2018	23:00:00	1.2607	1.6299	11.056	12.677	6.0590	251.920	1.885	44.364	17.277	606.420	2.169	0.000

PROMEDIO 24 HORAS	1.50027	26.8044	21.086	47.867	6.97
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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:	27/12/2018

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	DATOS METEOROLÓGICOS						
							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
27/12/2018	00:00:00	1.1943	1.3190	8.652	9.986	5.9027	243.180	2.566	47.816	16.263	606.440	2.116	0.000
27/12/2018	01:00:00	1.5753	0.5907	8.632	9.222	6.0014	240.210	1.144	51.987	15.075	606.180	2.114	0.000
27/12/2018	02:00:00	1.4971	0.1859	9.637	9.818	5.5079	218.990	0.355	55.313	14.264	606.150	2.128	0.000
27/12/2018	03:00:00	1.4644	0.1864	6.384	6.560	5.3449	243.760	1.966	57.326	14.200	606.150	2.120	0.000
27/12/2018	04:00:00	1.6827	0.1566	5.008	5.163	5.4009	225.470	2.142	61.077	13.509	606.140	2.020	0.000
27/12/2018	05:00:00	1.5682	0.1620	5.628	5.790	5.3783	224.020	2.551	63.700	13.140	606.150	2.106	0.000
27/12/2018	06:00:00	1.5276	0.5346	6.402	6.952	5.5679	219.400	3.140	65.272	12.921	606.050	2.085	0.000
27/12/2018	07:00:00	1.5310	0.8370	7.498	8.339	5.3548	226.150	2.591	66.802	12.601	606.090	2.132	0.000
27/12/2018	08:00:00	1.7480	1.2818	8.039	9.322	5.5140	230.480	2.824	67.605	12.616	606.530	20.694	0.000
27/12/2018	09:00:00	1.8730	2.8273	7.924	10.749	5.5764	230.380	4.524	64.525	13.489	606.620	156.230	0.000
27/12/2018	10:00:00	1.8273	3.6881	7.019	10.712	5.4743	235.370	5.527	58.086	15.047	606.730	329.400	0.000
27/12/2018	11:00:00	1.9254	2.8772	5.666	8.551	5.4054	237.910	6.693	47.863	16.861	606.580	477.180	0.000
27/12/2018	12:00:00	1.8173	2.6729	5.526	8.200	5.5396	239.970	6.395	42.345	18.043	606.170	505.770	0.000
27/12/2018	13:00:00	1.8880	2.8927	6.207	9.108	5.3342	234.100	4.372	34.602	19.180	605.490	384.490	0.000
27/12/2018	14:00:00	1.9170	2.6475	5.917	8.560	5.4707	254.740	4.269	30.689	19.912	604.830	513.500	0.000
27/12/2018	15:00:00	1.9378	2.2389	5.691	7.925	5.4588	249.880	4.236	29.555	20.570	604.580	428.140	0.000
27/12/2018	16:00:00	2.1058	2.6187	8.653	11.263	5.5895	226.910	3.627	28.631	20.621	604.580	240.360	0.000
27/12/2018	17:00:00	2.0703	2.4966	7.949	10.445	5.4950	219.290	3.906	27.224	20.299	604.760	187.330	0.000
27/12/2018	18:00:00	2.3718	2.0626	9.904	12.002	5.6137	228.240	3.840	29.132	19.818	605.280	91.222	0.000
27/12/2018	19:00:00	2.4086	2.1977	11.515	13.706	5.6332	233.350	3.716	28.373	18.521	605.910	4.824	0.000
27/12/2018	20:00:00	2.4859	2.0891	11.798	13.874	5.4468	226.870	3.484	29.095	17.444	606.450	2.331	0.000
27/12/2018	21:00:00	2.5068	2.3263	11.367	13.719	5.7155	232.400	3.571	30.610	16.585	606.750	2.264	0.000
27/12/2018	22:00:00	2.6553	1.9889	13.018	15.003	5.6727	239.950	3.245	32.569	15.940	606.950	2.174	0.000
27/12/2018	23:00:00	2.7093	1.5679	11.582	13.161	5.6744	234.870	3.302	35.638	15.083	607.050	2.116	0.000

PROMEDIO 24 HORAS	1.92868	1.7686	8.151	9.922	5.54
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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:	28/12/2018

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	DATOS METEOROLÓGICOS						
							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
28/12/2018	00:00:00	2.5791	0.6724	9.500	10.183	5.3254	221.510	3.076	38.740	14.722	607.100	2.169	0.000
28/12/2018	01:00:00	1.3079	0.5206	7.189	7.710	5.3475	227.160	2.701	41.504	14.294	606.910	2.133	0.000
28/12/2018	02:00:00	1.4751	0.4133	5.902	6.307	5.1609	226.210	2.249	44.425	13.827	606.940	2.173	0.000
28/12/2018	03:00:00	1.1438	0.3556	7.393	7.745	5.3788	245.460	1.724	47.526	13.481	606.830	2.238	0.000
28/12/2018	04:00:00	1.2469	0.3718	5.876	6.247	9.1609	248.230	2.522	49.673	13.566	606.810	2.094	0.000
28/12/2018	05:00:00	1.2126	0.3835	4.647	5.032	5.7487	235.830	2.828	52.694	13.434	606.840	2.115	0.000
28/12/2018	06:00:00	0.9691	0.4940	7.348	7.857	5.6551	231.710	2.195	54.194	13.273	606.920	2.089	0.000
28/12/2018	07:00:00	0.9090	1.0261	8.538	9.562	5.6154	230.390	2.558	55.276	13.011	607.340	2.214	0.000
28/12/2018	08:00:00	1.3325	1.3119	8.223	9.535	5.5079	223.900	3.214	56.236	12.974	607.910	14.129	0.000
28/12/2018	09:00:00	1.2323	2.3622	9.846	12.219	5.4550	223.120	2.508	58.541	13.250	608.420	87.786	0.000
28/12/2018	10:00:00	1.2902	3.6213	10.169	13.774	5.7643	224.510	2.725	57.209	13.910	608.610	171.890	0.000
28/12/2018	11:00:00	1.0850	3.0943	6.973	10.062	5.4832	228.490	3.710	51.118	15.237	608.460	256.630	0.000
28/12/2018	12:00:00	1.0087	2.7024	7.397	10.107	5.3437	231.790	3.176	40.708	16.781	608.080	303.450	0.000
28/12/2018	13:00:00	0.9073	2.9032	7.805	10.735	5.0856	223.380	2.983	30.390	18.358	607.280	361.350	0.000
28/12/2018	14:00:00	0.9030	3.1011	7.931	11.051	5.4475	223.530	2.993	26.735	19.239	606.720	320.010	0.000
28/12/2018	15:00:00	0.9989	2.6615	8.698	11.355	5.4744	214.170	2.835	22.713	19.949	606.430	280.090	0.000
28/12/2018	16:00:00	0.9831	2.7296	10.101	12.839	6.0352	196.630	2.296	20.390	20.256	606.380	199.580	0.000
28/12/2018	17:00:00	1.2649	2.7559	15.102	17.863	5.4701	185.820	1.890	20.409	20.079	606.630	121.780	0.000
28/12/2018	18:00:00	1.2045	2.8003	19.982	22.777	5.4732	188.170	1.687	20.106	19.359	606.990	52.824	0.000
28/12/2018	19:00:00	1.7279	6.7968	34.726	41.505	5.5453	216.520	0.894	20.371	18.172	607.380	2.826	0.000
28/12/2018	20:00:00	2.0797	32.2130	39.956	72.369	5.8618	227.210	0.499	23.611	16.949	607.780	2.194	0.000
28/12/2018	21:00:00	3.0268	76.0190	39.775	116.170	6.8468	311.030	0.757	27.189	16.215	608.140	2.211	0.000
28/12/2018	22:00:00	2.2529	33.5430	41.217	74.645	7.0304	244.940	0.579	30.324	15.837	608.250	2.201	0.000
28/12/2018	23:00:00	1.9607	17.8210	40.206	58.139	6.9473	268.970	0.551	32.798	15.297	608.300	2.233	0.000

PROMEDIO 24 HORAS	1.42091	8.3614	15.188	23.574	5.84
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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:	29/12/2018

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	DATOS METEOROLÓGICOS						
							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
29/12/2018	00:00:00	3.0182	108.1700	40.455	148.810	7.3634	153.180	0.459	38.536	14.220	608.320	2.208	0.000
29/12/2018	01:00:00	3.2241	160.3200	36.528	196.540	7.9162	119.280	0.058	42.276	13.675	608.360	2.178	0.000
29/12/2018	02:00:00	2.2306	124.3200	38.402	161.610	8.1217	102.400	0.177	41.221	13.468	608.260	2.228	0.000
29/12/2018	03:00:00	1.3115	73.5960	36.927	110.410	8.2165	98.161	0.414	42.101	12.571	608.210	2.084	0.000
29/12/2018	04:00:00	1.6951	85.5950	33.848	119.230	7.4846	94.862	0.000	45.798	11.673	608.080	2.140	0.000
29/12/2018	05:00:00	1.1720	35.8880	33.931	69.893	7.3669	97.853	0.145	46.799	10.990	608.260	2.045	0.000
29/12/2018	06:00:00	0.8534	27.3210	32.926	60.209	6.8165	93.158	0.000	48.002	10.471	608.570	2.141	0.000
29/12/2018	07:00:00	1.6435	55.6570	31.988	87.651	6.7383	4.568	0.143	52.293	9.655	608.910	2.195	0.000
29/12/2018	08:00:00	1.8940	93.8890	33.949	127.780	7.0391	102.430	0.000	50.622	9.897	609.350	16.753	0.000
29/12/2018	09:00:00	2.0698	91.5740	36.960	128.630	6.4423	127.760	0.005	44.634	11.479	609.580	115.160	0.000
29/12/2018	10:00:00	2.4508	79.5270	48.188	127.810	7.0393	84.136	0.000	39.216	13.282	609.740	223.540	0.000
29/12/2018	11:00:00	2.1974	86.6320	56.133	142.530	8.0010	98.876	0.000	30.046	15.996	609.510	424.740	0.000
29/12/2018	12:00:00	1.1755	16.7020	27.942	44.597	6.5378	120.150	1.098	22.512	18.912	608.810	603.900	0.000
29/12/2018	13:00:00	0.9147	5.3519	15.740	21.087	6.7449	104.910	1.383	24.371	20.966	607.790	677.560	0.000
29/12/2018	14:00:00	0.9365	2.6756	10.964	13.629	5.8047	112.180	1.232	22.415	22.568	606.940	695.680	0.000
29/12/2018	15:00:00	0.6180	2.1813	11.025	13.189	5.1036	102.270	1.812	19.844	23.739	606.420	575.480	0.000
29/12/2018	16:00:00	0.6681	2.5015	10.947	13.459	5.3524	88.793	1.590	17.746	24.716	606.100	448.140	0.000
29/12/2018	17:00:00	0.5350	1.7868	8.406	10.208	5.0538	113.900	3.517	32.380	22.795	606.230	275.180	0.000
29/12/2018	18:00:00	0.4747	1.5529	12.140	13.728	4.9084	82.504	2.724	44.672	20.379	606.630	35.420	0.000
29/12/2018	19:00:00	0.4440	0.8616	15.043	15.918	4.7887	85.693	2.166	58.678	17.831	607.240	3.392	0.000
29/12/2018	20:00:00	0.4237	0.8166	23.227	24.014	5.7378	121.130	0.907	60.532	16.986	607.750	2.115	0.000
29/12/2018	21:00:00	0.5307	2.5483	32.845	35.364	5.3790	139.430	1.513	64.526	16.199	608.170	2.221	0.000
29/12/2018	22:00:00	0.4491	2.5429	26.997	29.541	5.3536	102.780	1.647	71.542	15.016	608.450	2.242	0.000
29/12/2018	23:00:00	0.3491	1.5311	20.884	22.356	5.8127	104.660	1.764	81.420	14.062	608.450	2.059	0.000

PROMEDIO 24 HORAS	1.30331	44.3142	28.183	72.425	6.46
LIMITE MÁXIMO PERMISIBLE	11	NAN	210	NAN	110

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 ³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	30/12/2018

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
30/12/2018	00:00:00	0.2357	0.7795	19.869	20.648	4.9702	DI	110.380	1.544	89.211	13.377	608.410	2.122	0.000
30/12/2018	01:00:00	1.3565	0.8036	16.957	17.779	4.5583	DI	99.741	1.519	93.740	12.889	608.170	2.254	0.000
30/12/2018	02:00:00	1.5702	CAL	CAL	CAL	5.2054	DI	52.298	0.673	97.940	12.180	608.010	2.165	0.000
30/12/2018	03:00:00	CAL	2.0958	20.143	22.230	5.4560	DI	135.690	0.405	100.000	11.019	607.820	2.186	0.000
30/12/2018	04:00:00	1.9436	3.9186	21.867	25.770	CAL	0.1054	302.560	0.066	100.000	10.619	607.770	2.076	0.000
30/12/2018	05:00:00	1.6763	4.2494	19.552	23.830	5.5812	0.0687	344.730	0.000	100.000	10.201	607.850	2.171	0.000
30/12/2018	06:00:00	1.8402	0.9852	15.120	16.095	5.1023	0.0746	243.490	0.535	97.191	10.254	607.740	2.216	0.000
30/12/2018	07:00:00	1.7904	0.7032	11.800	12.501	5.4450	DI	252.900	0.711	93.785	10.617	607.930	2.144	0.000
30/12/2018	08:00:00	1.8067	1.5543	14.314	15.862	5.7609	DI	227.760	1.178	90.547	10.677	608.400	15.000	0.000
30/12/2018	09:00:00	1.8899	3.1489	12.231	15.405	5.5669	0.0388	229.290	1.463	85.474	10.866	608.740	143.380	0.000
30/12/2018	10:00:00	2.1121	4.8776	13.347	18.210	5.7702	DI	169.850	0.948	71.483	13.582	608.840	370.570	0.000
30/12/2018	11:00:00	1.9314	6.5916	15.776	22.358	6.8122	DI	142.640	1.139	66.315	15.231	608.610	496.530	0.000
30/12/2018	12:00:00	1.7216	4.8248	11.781	16.653	6.6041	0.0794	115.580	1.992	56.263	17.168	607.680	634.380	0.000
30/12/2018	13:00:00	1.5728	2.3776	10.563	12.925	6.7068	0.0574	109.530	2.643	51.817	18.388	606.610	579.610	0.000
30/12/2018	14:00:00	1.5156	2.2757	10.644	12.905	6.6521	0.0590	103.570	2.710	47.777	19.418	605.460	394.640	0.000
30/12/2018	15:00:00	1.4425	2.3228	11.250	13.596	6.0772	DI	137.960	1.788	41.867	20.673	604.880	228.020	0.000
30/12/2018	16:00:00	1.3052	2.3807	7.328	9.713	5.0880	0.0448	229.770	4.885	36.905	21.173	604.860	219.140	0.000
30/12/2018	17:00:00	1.4619	2.4057	8.029	10.449	5.1914	0.0429	232.990	4.720	38.634	20.395	605.290	64.750	0.000
30/12/2018	18:00:00	1.4453	1.8156	6.733	8.553	5.5872	0.0488	248.490	4.912	35.994	19.669	605.830	35.799	0.000
30/12/2018	19:00:00	1.5408	1.2907	5.444	6.745	6.7318	0.0270	280.090	5.578	41.756	16.711	606.670	2.696	0.000
30/12/2018	20:00:00	1.6159	1.2019	5.395	6.603	7.4352	0.1451	270.190	5.382	50.953	14.041	607.470	2.225	0.000
30/12/2018	21:00:00	1.7094	1.1133	5.884	6.995	9.3661	0.0455	266.940	4.633	52.456	12.860	608.240	2.204	0.000
30/12/2018	22:00:00	1.7866	1.5449	6.306	7.862	5.6585	0.0339	242.660	4.554	52.327	12.573	608.340	2.254	0.000
30/12/2018	23:00:00	1.7756	1.0994	4.920	6.017	5.2585	0.0324	230.720	5.038	53.507	12.333	608.000	2.237	0.000

PROMEDIO 24 HORAS	1.61070	2.3635	11.968	14.335	5.94	0.0602
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:	31/12/2018

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
31/12/2018	00:00:00	1.6930	0.5653	4.061	4.632	5.1131	0.0257	256.360	4.710	48.622	12.847	607.470	2.154	0.000
31/12/2018	01:00:00	0.0000	0.3523	5.729	6.079	5.4195	0.0088	258.280	2.139	49.171	12.358	607.000	2.109	0.000
31/12/2018	02:00:00	0.0000	0.2651	4.150	4.405	5.6597	0.0102	250.990	3.361	41.083	13.291	606.700	2.141	0.000
31/12/2018	03:00:00	0.0000	0.0256	2.708	2.732	5.6317	0.0075	247.630	3.780	37.740	13.642	606.650	2.111	0.000
31/12/2018	04:00:00	0.0000	0.0516	2.444	2.497	5.4144	0.0059	243.990	3.606	36.230	13.905	606.360	2.126	0.000
31/12/2018	05:00:00	0.0000	0.0763	2.477	2.556	5.1735	0.0099	240.130	2.184	35.793	13.791	606.100	2.102	0.000
31/12/2018	06:00:00	0.0000	0.2598	4.169	4.408	5.3864	DI	234.220	1.851	35.247	14.061	605.790	2.214	0.000
31/12/2018	07:00:00	0.0000	1.0965	11.554	12.523	5.6028	0.0131	161.050	1.521	38.133	13.624	606.390	2.054	0.000
31/12/2018	08:00:00	0.0000	1.8227	9.819	11.676	5.3869	DI	295.180	1.910	40.220	13.556	607.080	7.131	0.000
31/12/2018	09:00:00	0.0000	2.0392	12.274	14.370	5.7346	0.0136	232.840	1.338	41.909	13.711	607.640	42.089	0.000
31/12/2018	10:00:00	0.0920	11.2250	18.728	29.918	6.7421	DI	127.410	1.887	43.172	14.670	608.230	261.710	0.000
31/12/2018	11:00:00	0.0000	2.7368	8.976	11.754	6.0458	DI	211.230	2.497	39.162	16.678	608.130	234.640	0.000
31/12/2018	12:00:00	0.0000	10.6390	20.218	30.867	6.4113	0.0181	142.740	1.189	37.848	17.222	607.780	329.650	0.000
31/12/2018	13:00:00	0.0000	2.5647	6.988	9.563	5.8161	0.0514	213.490	2.511	33.881	19.088	606.940	341.850	0.000
31/12/2018	14:00:00	0.0000	5.5685	13.344	18.844	6.3056	0.0220	145.720	2.441	31.518	20.136	606.380	476.670	0.000
31/12/2018	15:00:00	0.0000	2.4367	5.575	8.020	5.5524	DI	236.710	5.645	28.627	21.271	606.160	499.830	0.000
31/12/2018	16:00:00	0.0000	1.9725	5.803	7.766	5.8442	DI	222.350	4.774	29.433	21.125	606.120	311.160	0.000
31/12/2018	17:00:00	0.0000	1.6394	7.054	8.695	5.7025	DI	220.890	3.667	29.442	21.024	606.310	184.840	0.000
31/12/2018	18:00:00	0.0000	1.5776	11.592	13.190	5.8884	DI	220.570	2.330	31.398	20.724	606.730	68.067	0.000
31/12/2018	19:00:00	0.0000	2.9868	24.394	27.403	5.8249	0.0278	162.780	1.338	32.272	20.156	606.930	5.762	0.000
31/12/2018	20:00:00	0.4432	15.8740	36.736	52.458	6.3405	0.0347	212.510	0.828	34.496	19.445	607.400	2.228	0.000
31/12/2018	21:00:00	0.0260	5.0364	23.746	28.798	7.1093	DI	268.100	1.519	37.791	18.598	607.660	2.275	0.000
31/12/2018	22:00:00	0.0482	5.5563	24.889	30.482	7.4381	DI	258.890	1.339	39.347	17.469	607.850	2.131	0.000
31/12/2018	23:00:00	0.0000	3.5495	16.061	19.586	6.2028	0.0447	233.530	1.848	40.076	16.717	607.870	2.171	0.000

PROMEDIO 24 HORAS	0.09594	3.3299	11.812	15.134	5.91	0.0210
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