

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
01/03/2019	01:00:00	4.353	0.2491	11.4690	49.742	61.170	0.4660	0.0465	281.900	0.738	77.010	16.129	608.470	2.076	0.000
01/03/2019	02:00:00	2.742	0.0000	13.6380	46.864	60.506	0.3986	0.0539	145.890	2.173	76.374	16.064	608.410	2.052	0.000
01/03/2019	03:00:00	2.916	0.0000	11.0530	36.426	47.643	0.9780	0.0462	84.723	2.116	87.061	15.365	608.190	2.014	0.000
01/03/2019	04:00:00	3.965	0.0000	8.6433	34.516	43.358	0.8679	0.0472	65.176	2.129	91.669	14.636	608.110	1.960	0.000
01/03/2019	05:00:00	5.127	0.0000	10.3130	45.311	56.043	0.8250	0.0455	269.160	1.161	99.107	13.503	608.340	1.987	0.000
01/03/2019	06:00:00	4.404	0.0000	10.3930	47.178	57.445	0.6895	0.0443	310.070	0.574	97.656	14.028	608.660	2.098	0.000
01/03/2019	07:00:00	3.352	0.0000	10.7160	48.998	59.911	0.4587	0.0410	81.152	1.142	97.842	14.291	609.290	2.069	0.000
01/03/2019	08:00:00	1.881	0.0474	22.3840	78.904	101.600	1.1338	0.0598	48.769	0.195	95.714	14.632	609.730	21.414	0.000
01/03/2019	09:00:00	1.891	0.0000	18.0760	57.738	76.092	1.3350	0.0629	55.506	0.701	89.700	15.178	610.340	74.926	0.000
01/03/2019	10:00:00	2.363	0.2046	18.7480	48.737	67.247	0.9064	0.0967	134.680	1.216	68.395	17.065	610.530	422.360	0.000
01/03/2019	11:00:00	3.516	0.1385	14.5730	38.692	53.238	1.1522	0.0713	127.040	1.220	57.834	18.733	610.390	653.290	0.000
01/03/2019	12:00:00	5.087	0.2600	12.4290	41.706	53.917	1.1834	0.0918	146.370	0.794	47.972	21.174	609.920	788.770	0.000
01/03/2019	13:00:00	6.822	0.2065	7.4525	29.154	36.490	1.1418	0.0928	166.860	0.877	38.480	23.468	609.090	860.430	0.000
01/03/2019	14:00:00	7.830	0.0000	4.4811	24.207	28.566	1.1326	0.0762	149.930	1.185	32.466	25.332	608.280	828.090	0.000
01/03/2019	15:00:00	10.843	0.0000	3.2315	22.944	26.178	0.9302	0.0808	117.270	1.555	26.615	26.795	607.560	725.710	0.000
01/03/2019	16:00:00	11.765	0.0000	2.6209	18.163	20.721	0.7331	0.0706	149.720	1.862	24.147	27.523	607.000	601.960	0.000
01/03/2019	17:00:00	7.911	0.0000	2.6812	18.051	20.587	0.8685	0.0611	142.230	1.846	22.255	28.009	606.630	419.570	0.000
01/03/2019	18:00:00	7.555	0.0000	2.3422	18.159	20.610	0.9361	0.0452	150.160	1.189	20.742	28.414	606.530	214.960	0.000
01/03/2019	19:00:00	2.782	0.0000	2.8152	14.588	17.508	0.9054	0.0459	77.071	3.341	26.560	26.578	606.720	37.665	0.000
01/03/2019	20:00:00	1.838	0.1040	3.2607	16.354	19.513	1.4836	0.0788	91.130	3.052	33.810	23.696	607.440	2.222	0.000
01/03/2019	21:00:00	1.739	0.2126	3.7629	17.249	21.071	1.0787	0.0605	111.220	3.970	35.165	22.619	608.140	2.140	0.000
01/03/2019	22:00:00	1.775	0.2133	3.5160	14.753	18.402	1.1505	0.0490	95.080	4.040	47.923	21.003	608.840	2.216	0.000
01/03/2019	23:00:00	1.813	0.2667	8.2175	31.231	39.857	1.2104	0.0575	117.780	2.546	55.984	20.397	609.030	2.069	0.000

PROMEDIO 24 HORAS	4.533	0.08272	8.9920	34.768	43.812	0.96	0.0620
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:	02/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
02/03/2019	00:00:00	1.381	0.2990	22.0560	72.672	94.628	1.3737	0.0471	134.680	0.934	56.446	19.815	609.030	2.143	0.000
02/03/2019	01:00:00	1.618	0.7109	15.4160	58.544	74.330	1.2289	0.0537	214.610	1.581	61.432	18.195	609.110	2.031	0.000
02/03/2019	02:00:00	4.219	0.5710	9.5374	40.651	50.185	0.1066	0.0769	232.310	1.738	79.262	16.084	609.270	1.948	0.000
02/03/2019	03:00:00	3.555	0.5154	11.7440	50.434	62.425	0.0000	0.0635	314.870	0.168	93.184	15.257	609.000	2.054	0.000
02/03/2019	04:00:00	2.568	0.5327	14.8870	61.438	76.717	0.0000	0.0500	315.080	0.141	95.612	14.883	608.750	1.952	0.000
02/03/2019	05:00:00	2.713	0.3377	9.0783	43.228	52.240	0.0000	0.0465	318.390	1.390	90.149	14.287	608.960	1.941	0.000
02/03/2019	06:00:00	2.422	0.6091	10.8670	47.866	58.621	0.0000	0.0403	307.950	1.092	99.158	13.669	609.130	1.961	0.000
02/03/2019	07:00:00	2.528	0.5493	12.0280	51.213	63.168	0.0000	0.0333	296.420	0.512	96.560	13.486	609.420	2.183	0.000
02/03/2019	08:00:00	4.206	0.4650	11.0370	47.258	58.248	0.0000	0.0425	306.450	0.958	100.000	12.961	609.980	24.797	0.000
02/03/2019	09:00:00	4.604	0.7330	11.1130	43.144	54.196	0.0000	0.0584	238.040	0.971	100.000	13.341	610.570	87.544	0.000
02/03/2019	10:00:00	5.340	0.6948	12.4210	42.072	54.540	0.0000	0.0470	141.420	1.084	98.259	14.800	610.990	375.880	0.000
02/03/2019	11:00:00	5.739	0.6980	12.0100	41.179	52.831	0.0000	0.0558	164.520	0.556	75.198	17.892	610.860	671.720	0.000
02/03/2019	12:00:00	5.443	0.6824	9.0733	31.989	40.969	0.0000	0.0836	101.630	0.704	51.912	21.858	610.390	796.710	0.000
02/03/2019	13:00:00	5.975	0.6464	5.5881	24.086	29.619	0.0000	0.1222	101.320	1.095	34.689	25.350	609.510	852.650	0.000
02/03/2019	14:00:00	6.011	0.6186	3.7781	17.639	21.481	0.0031	0.1186	150.710	1.200	22.711	27.493	608.610	842.500	0.000
02/03/2019	15:00:00	5.597	0.6041	3.3482	20.139	23.174	0.1950	0.0636	165.320	1.277	18.394	29.087	607.770	773.180	0.000
02/03/2019	16:00:00	7.014	0.6521	2.3802	15.696	18.026	0.0121	0.0384	146.690	0.998	14.578	29.965	607.010	638.480	0.000
02/03/2019	17:00:00	4.660	0.6221	3.8717	18.752	22.741	0.0000	0.0313	190.190	2.085	11.068	30.891	606.680	453.360	0.000
02/03/2019	18:00:00	6.236	0.6276	2.2944	13.635	15.956	0.0255	0.0242	232.720	2.139	11.128	30.663	606.810	236.240	0.000
02/03/2019	19:00:00	7.102	0.7102	2.1512	15.393	17.592	0.2563	0.0203	270.770	2.094	12.185	29.341	607.000	42.774	0.000
02/03/2019	20:00:00	5.453	0.9217	2.7061	26.741	29.453	5.2209	0.0273	264.360	1.695	14.397	27.438	607.270	2.141	0.000
02/03/2019	21:00:00	3.151	1.3976	5.0762	34.118	39.212	0.5523	0.0487	250.550	1.630	16.611	25.987	607.750	2.154	0.000
02/03/2019	22:00:00	3.192	1.1295	7.7806	37.358	45.014	0.0600	0.0504	236.320	1.986	17.864	25.008	608.090	2.107	0.000
02/03/2019	23:00:00	4.369	0.9910	8.4509	34.626	42.939	0.1465	0.0371	235.970	2.466	18.353	24.456	608.180	2.106	0.000

PROMEDIO 24 HORAS	4.379	0.67996	8.6956	37.078	45.763	0.38	0.0534
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:	03/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
03/03/2019	00:00:00	6.349	0.7784	6.4131	23.827	30.227	0.1805	0.0302	229.170	3.183	19.821	23.983	608.350	2.022	0.000
03/03/2019	01:00:00	DI	0.0000	4.9616	19.517	24.614	0.0183	0.0341	231.860	3.631	21.178	22.994	608.370	2.038	0.000
03/03/2019	02:00:00	8.608	0.0000	CAL	CAL	CAL	0.2918	0.0327	238.510	3.383	21.664	22.068	608.230	2.120	0.000
03/03/2019	03:00:00	5.025	CAL	12.7300	40.534	53.180	0.5052	0.0245	193.630	1.771	22.649	21.038	608.150	2.145	0.000
03/03/2019	04:00:00	4.960	0.0000	10.3620	34.389	44.714	CAL	0.0208	242.350	1.835	22.304	20.721	607.880	2.064	0.000
03/03/2019	05:00:00	7.386	0.0000	6.1978	24.715	30.844	0.0000	0.0231	235.290	2.865	21.609	20.806	607.750	2.148	0.000
03/03/2019	06:00:00	6.470	0.0000	7.8663	28.961	36.865	0.0823	0.0149	219.730	2.804	21.441	20.545	607.900	2.080	0.000
03/03/2019	07:00:00	6.735	0.0000	7.2754	29.306	36.425	0.1091	0.0119	231.120	2.607	21.897	20.004	608.130	2.465	0.000
03/03/2019	08:00:00	3.519	0.0000	18.3590	53.441	71.382	1.1898	0.0128	269.070	1.030	25.810	18.290	608.740	81.408	0.000
03/03/2019	09:00:00	3.334	0.0000	21.8650	47.496	68.871	1.2572	0.0384	164.230	1.133	23.224	20.667	608.960	299.890	0.000
03/03/2019	10:00:00	3.470	0.0000	15.1490	39.843	55.042	0.7903	0.0629	95.690	0.681	19.433	23.458	608.980	513.870	0.000
03/03/2019	11:00:00	6.377	0.0000	6.9112	20.339	27.116	0.6638	0.0688	195.170	2.026	13.300	26.578	608.860	691.760	0.000
03/03/2019	12:00:00	11.948	AE	3.4900	13.235	16.737	AE	0.0593	310.280	3.092	11.924	27.959	608.410	828.590	0.000
03/03/2019	13:00:00	9.605	1.5470	3.2128	12.985	16.042	0.0000	0.0304	274.970	2.134	10.952	29.691	607.590	884.370	0.000
03/03/2019	14:00:00	8.971	1.2758	2.7824	13.071	15.789	0.0000	0.0262	238.250	1.705	10.358	30.638	606.700	876.250	0.000
03/03/2019	15:00:00	8.303	1.3624	2.7233	10.882	13.659	0.0000	0.0161	268.200	1.748	9.939	31.704	605.940	798.660	0.000
03/03/2019	16:00:00	6.489	1.1866	2.4615	11.372	13.781	0.0000	0.0146	209.390	1.604	9.641	32.117	605.330	652.300	0.000
03/03/2019	17:00:00	5.339	1.3665	3.1848	12.609	15.880	0.0000	0.0145	112.810	1.937	9.635	32.203	604.980	420.990	0.000
03/03/2019	18:00:00	5.318	1.2318	1.6028	9.618	11.190	0.0420	0.0149	260.290	1.869	9.471	32.038	604.930	238.010	0.000
03/03/2019	19:00:00	6.773	1.2092	0.6000	9.835	10.448	0.0000	0.0092	235.000	1.052	10.132	31.145	605.210	48.047	0.000
03/03/2019	20:00:00	2.407	1.3330	6.7830	24.654	31.507	0.0000	0.0076	105.270	1.759	15.178	28.764	605.550	2.191	0.000
03/03/2019	21:00:00	2.167	1.3391	5.2201	11.885	17.131	0.0000	0.0846	95.329	4.626	37.843	24.522	606.430	2.089	0.000
03/03/2019	22:00:00	2.092	1.2093	2.1880	10.278	12.575	0.0000	0.1331	96.598	5.557	41.047	22.269	607.360	2.082	0.000
03/03/2019	23:00:00	2.118	1.2470	1.7572	11.834	13.574	0.0458	0.1569	95.874	4.321	51.420	20.630	608.020	1.941	0.000

PROMEDIO 24 HORAS	5.816	0.68573	6.6998	22.375	29.026	0.24	0.0393
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	04/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
04/03/2019	00:00:00	2.118	1.2680	5.2816	25.040	30.612	0.2059	0.0562	119.000	2.742	47.980	20.701	608.190	1.895	0.000
04/03/2019	01:00:00	2.168	0.0000	3.4490	15.644	19.090	0.2412	0.0463	125.580	3.704	45.400	20.214	608.270	1.807	0.000
04/03/2019	02:00:00	2.286	0.0000	3.8892	17.601	21.423	1.2500	0.0393	95.908	3.199	63.081	18.031	608.420	1.914	0.000
04/03/2019	03:00:00	3.194	0.0000	5.4673	23.203	28.767	1.3557	0.0492	135.010	3.568	67.430	17.695	608.190	1.929	0.000
04/03/2019	04:00:00	2.516	0.0000	4.0413	18.115	22.089	1.1025	0.0420	123.720	3.508	71.035	17.231	607.950	1.839	0.000
04/03/2019	05:00:00	2.377	0.0000	4.4728	20.602	25.019	1.0993	0.0400	125.500	3.456	73.807	17.076	607.660	1.877	0.000
04/03/2019	06:00:00	2.682	0.0000	7.0476	29.035	36.354	0.9345	0.0432	136.460	2.891	73.029	17.121	607.820	1.954	0.000
04/03/2019	07:00:00	1.940	0.0000	17.9630	54.939	72.652	0.9894	0.0363	270.670	1.049	79.712	15.364	608.340	2.220	0.000
04/03/2019	08:00:00	0.919	0.0000	19.9920	51.468	71.490	1.2277	0.0525	290.660	0.605	89.993	14.475	608.800	60.497	0.000
04/03/2019	09:00:00	2.220	0.0000	21.2470	61.757	82.869	1.5664	0.0825	295.920	0.192	76.955	16.381	609.100	183.150	0.000
04/03/2019	10:00:00	1.982	0.0000	11.0480	25.513	36.804	1.4624	0.0726	108.870	2.552	67.875	19.061	609.350	488.070	0.000
04/03/2019	11:00:00	1.910	0.0000	8.2108	19.504	28.058	1.4832	0.0776	118.020	2.958	58.505	20.846	609.240	668.390	0.000
04/03/2019	12:00:00	2.266	0.0000	5.9054	21.459	27.351	1.4815	0.0803	98.761	2.332	47.972	23.166	608.740	795.260	0.000
04/03/2019	13:00:00	4.801	AE	5.0568	25.884	31.127	1.7208	0.0824	104.840	1.787	40.051	25.320	608.030	847.100	0.000
04/03/2019	14:00:00	6.070	0.1865	2.6950	24.245	27.133	1.9157	0.0837	140.520	1.400	32.966	27.176	607.220	837.970	0.000
04/03/2019	15:00:00	3.900	0.0000	2.3953	22.939	25.594	1.7218	0.0683	135.030	1.515	27.332	28.692	606.340	757.980	0.000
04/03/2019	16:00:00	3.868	0.0000	1.6731	19.142	20.835	1.3452	0.0586	117.190	1.779	24.528	29.449	605.470	615.300	0.000
04/03/2019	17:00:00	2.859	0.0000	2.5294	15.533	18.075	1.3026	0.0581	75.867	3.131	32.353	28.915	605.160	379.200	0.000
04/03/2019	18:00:00	2.302	0.0000	2.8148	15.267	18.074	1.3911	0.0699	101.460	3.391	36.614	27.784	605.360	207.080	0.000
04/03/2019	19:00:00	1.425	0.0000	2.9659	16.430	19.478	1.3223	0.0622	109.970	3.322	49.237	24.400	606.010	37.661	0.000
04/03/2019	20:00:00	1.101	0.0000	7.5960	30.027	37.744	1.3293	0.0590	133.010	2.904	57.947	21.719	606.570	2.030	0.000
04/03/2019	21:00:00	1.185	0.0000	5.2014	17.959	23.160	1.2816	0.0456	117.710	3.614	64.285	19.886	607.110	2.039	0.000
04/03/2019	22:00:00	1.198	0.0000	8.8880	33.243	42.036	1.4247	0.0369	59.745	1.789	66.084	19.369	607.800	2.030	0.000
04/03/2019	23:00:00	2.192	0.0000	8.1819	34.566	42.307	1.3126	0.0498	104.910	2.153	71.369	17.915	608.490	1.987	0.000

PROMEDIO 24 HORAS	2.478	0.06324	7.0005	26.630	33.673	1.27	0.0580
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:	05/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
05/03/2019	00:00:00	4.098	0.0000	6.0058	26.374	32.493	1.0935	0.0336	328.450	2.454	92.733	14.750	608.970	1.882	0.000
05/03/2019	01:00:00	6.142	0.8132	5.3708	23.002	28.364	0.8073	0.0199	317.020	2.739	100.000	12.901	609.370	1.914	0.000
05/03/2019	02:00:00	6.730	1.0183	6.7504	28.350	35.289	0.0373	0.0170	312.780	2.196	100.000	12.095	609.460	1.916	0.000
05/03/2019	03:00:00	7.050	0.8483	5.9335	25.917	32.015	0.0000	0.0098	300.110	2.231	100.000	12.073	609.390	1.948	0.000
05/03/2019	04:00:00	5.288	0.7479	9.6514	40.169	49.610	0.0501	0.0058	144.050	1.168	100.000	12.092	609.340	2.007	0.000
05/03/2019	05:00:00	4.514	0.7613	9.4751	39.247	48.778	0.2450	0.0216	72.163	1.294	100.000	12.201	609.200	1.948	0.000
05/03/2019	06:00:00	4.767	0.7802	9.0231	36.910	45.806	0.3308	0.0169	89.347	1.411	100.000	12.182	609.500	1.915	0.000
05/03/2019	07:00:00	4.094	0.6837	9.3755	37.962	47.531	0.4682	0.0125	103.510	1.434	100.000	12.351	609.880	2.195	0.000
05/03/2019	08:00:00	3.249	0.6368	12.6390	41.879	54.559	0.7406	0.0187	237.200	1.927	100.000	12.383	610.380	23.925	0.000
05/03/2019	09:00:00	3.950	0.8380	12.9170	35.129	48.268	0.6636	0.0354	140.020	2.109	98.584	12.509	610.950	105.350	0.000
05/03/2019	10:00:00	4.413	0.4738	14.4170	41.660	56.084	0.6006	0.0489	142.610	1.321	85.320	13.884	611.400	349.240	0.000
05/03/2019	11:00:00	5.138	0.5668	12.3560	35.103	47.622	0.6726	0.0481	139.940	0.921	67.382	16.022	611.440	627.550	0.000
05/03/2019	12:00:00	5.921	0.4688	10.4210	32.557	42.673	0.4848	0.0748	130.870	1.445	57.409	18.256	611.040	790.880	0.000
05/03/2019	13:00:00	10.281	0.4617	6.1188	23.560	29.926	0.5565	0.0863	105.860	2.152	49.961	20.140	610.400	844.870	0.000
05/03/2019	14:00:00	15.245	0.2936	4.8161	20.170	24.876	0.5236	0.0926	179.360	2.813	45.079	20.928	609.840	850.460	0.000
05/03/2019	15:00:00	13.627	0.2814	4.6858	21.284	25.980	0.4152	0.0643	166.440	2.703	42.316	21.695	609.050	766.810	0.000
05/03/2019	16:00:00	15.055	0.2497	3.7851	16.683	20.405	0.3095	0.0589	254.790	3.479	41.963	21.936	608.510	625.890	0.000
05/03/2019	17:00:00	13.961	0.2042	4.1350	15.524	19.630	0.3593	0.0878	235.080	3.926	45.133	19.974	608.390	427.300	0.000
05/03/2019	18:00:00	10.492	0.1274	6.5120	23.352	29.780	0.2731	0.1051	208.120	3.218	52.651	17.576	608.880	220.250	0.000
05/03/2019	19:00:00	4.995	0.0000	8.2520	28.957	37.292	0.2698	0.0722	178.600	2.522	60.562	15.203	609.560	41.493	0.000
05/03/2019	20:00:00	2.087	0.0000	9.9084	31.979	42.015	0.4170	0.0655	126.830	3.313	69.932	12.769	610.290	2.084	0.000
05/03/2019	21:00:00	1.937	0.0000	6.6160	20.434	26.817	0.3819	0.0481	101.820	4.125	82.184	10.954	611.240	2.058	0.000
05/03/2019	22:00:00	3.013	0.0000	7.2930	24.581	31.669	0.3949	0.0211	64.740	3.249	92.878	9.982	612.130	2.035	0.000
05/03/2019	23:00:00	3.333	0.0000	6.0407	22.069	28.062	0.4755	0.0104	63.507	3.478	91.000	9.595	612.590	1.983	0.000

PROMEDIO 24 HORAS	6.641	0.42729	8.0208	28.869	36.898	0.44	0.0448
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 2014)	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 1994)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	06/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
06/03/2019	00:00:00	3.730	0.0000	6.8975	24.508	31.495	0.2522	0.0171	68.364	2.967	89.897	9.318	612.970	1.877	0.000
06/03/2019	01:00:00	4.922	0.2167	7.4459	30.513	38.073	0.2533	0.0145	54.206	2.452	89.092	9.178	613.150	1.967	0.000
06/03/2019	02:00:00	9.241	0.3492	6.7547	31.505	37.945	0.1394	0.0120	109.660	1.830	88.101	8.763	612.950	1.952	0.000
06/03/2019	03:00:00	8.056	0.3547	9.7003	42.274	51.939	0.2593	0.0114	101.700	1.762	87.902	8.417	612.650	1.864	0.000
06/03/2019	04:00:00	8.751	0.2969	6.9453	32.125	39.033	0.0377	0.0131	226.940	2.118	91.933	7.540	612.420	1.902	0.000
06/03/2019	05:00:00	8.979	0.2750	7.0615	32.819	39.979	0.2009	0.0135	296.300	1.981	92.510	7.347	612.340	1.915	0.000
06/03/2019	06:00:00	8.323	0.2770	8.5069	38.465	47.204	0.0000	0.0120	279.970	1.810	92.187	7.430	612.360	1.872	0.000
06/03/2019	07:00:00	6.450	0.3966	10.9500	47.743	58.683	0.0000	0.0123	267.610	1.395	91.841	7.513	612.570	1.999	0.000
06/03/2019	08:00:00	5.021	DI	13.8360	51.874	65.669	0.0191	0.0200	226.210	1.378	90.467	7.852	613.010	19.094	0.000
06/03/2019	09:00:00	5.410	DI	14.6670	50.250	64.753	0.1311	0.0388	228.080	1.251	88.289	8.378	613.300	81.745	0.000
06/03/2019	10:00:00	5.473	DI	16.9740	52.800	69.714	0.4515	0.0498	110.170	1.065	80.699	9.334	613.540	200.490	0.000
06/03/2019	11:00:00	6.411	DI	17.0950	43.074	60.149	0.0000	0.0700	142.140	1.498	70.035	10.906	613.740	565.080	0.000
06/03/2019	12:00:00	8.133	DI	14.0370	42.043	56.012	0.5794	0.0804	144.260	1.451	62.065	12.825	613.410	766.450	0.000
06/03/2019	13:00:00	11.594	DI	10.2740	36.198	46.608	0.2261	0.0973	182.490	1.052	52.846	15.585	612.640	833.490	0.000
06/03/2019	14:00:00	11.508	DI	7.6628	33.206	40.613	0.3798	0.1120	115.060	1.629	45.065	18.386	611.600	808.010	0.000
06/03/2019	15:00:00	14.707	DI	5.0762	24.944	29.999	0.4546	0.1195	121.560	2.249	41.555	19.843	610.710	756.860	0.000
06/03/2019	16:00:00	15.258	DI	4.4931	23.912	28.439	0.4745	0.0777	127.650	2.390	41.577	20.256	610.050	590.090	0.000
06/03/2019	17:00:00	15.700	DI	4.8242	23.873	28.771	0.2904	0.0612	241.060	2.892	42.916	20.031	609.660	312.100	0.000
06/03/2019	18:00:00	13.598	DI	5.5213	24.492	30.009	0.4028	0.0585	198.510	3.193	47.834	18.313	609.770	133.710	0.000
06/03/2019	19:00:00	11.077	DI	6.9709	28.575	35.567	0.6683	0.0435	269.760	3.183	55.915	16.071	610.170	25.403	0.000
06/03/2019	20:00:00	7.770	DI	8.0301	34.390	42.387	0.3016	0.0454	307.180	2.078	62.290	14.481	610.760	1.990	0.000
06/03/2019	21:00:00	7.556	DI	7.0365	28.972	36.238	0.0662	0.0386	307.040	2.367	65.684	13.561	611.280	1.915	0.000
06/03/2019	22:00:00	8.079	DI	7.8944	35.896	43.646	0.1633	0.0233	313.220	2.144	69.519	12.471	611.800	1.880	0.000
06/03/2019	23:00:00	7.422	DI	9.4121	46.044	55.245	0.1059	0.0155	311.660	1.350	69.787	12.309	611.880	1.966	0.000

PROMEDIO 24 HORAS	8.882	0.27074	9.0861	35.854	44.924	0.24	0.0441
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	07/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
07/03/2019	00:00:00	5.972	DI	13.8890	62.391	76.569	0.1351	0.0248	288.740	0.662	71.560	11.920	611.940	1.980	0.000
07/03/2019	01:00:00	6.146	DI	8.3929	40.476	48.761	0.2589	0.0277	298.880	1.713	78.899	10.651	612.320	1.969	0.000
07/03/2019	02:00:00	7.586	DI	6.9034	33.300	40.389	0.2654	0.0220	320.520	1.928	92.084	9.880	612.050	1.924	0.000
07/03/2019	03:00:00	6.421	DI	11.6180	51.453	63.517	0.3145	0.0162	293.930	0.900	96.072	9.575	611.480	1.930	0.000
07/03/2019	04:00:00	5.464	DI	16.5120	71.269	87.629	0.4629	0.0151	159.920	0.448	95.246	9.575	611.000	1.930	0.000
07/03/2019	05:00:00	5.873	DI	16.3610	71.604	87.542	0.6197	0.0294	48.369	0.531	100.000	8.976	610.920	1.946	0.000
07/03/2019	06:00:00	4.515	DI	23.6700	97.215	120.820	1.0232	0.0474	176.480	0.138	100.000	9.046	610.920	1.882	0.000
07/03/2019	07:00:00	1.368	DI	41.7290	108.470	149.860	1.1228	0.0715	115.720	0.071	100.000	9.042	611.100	2.282	0.000
07/03/2019	08:00:00	0.930	DI	74.9460	96.672	172.180	1.6495	0.1177	26.193	0.101	97.607	9.492	611.210	77.260	0.000
07/03/2019	09:00:00	1.363	DI	84.5460	91.839	176.740	1.7232	0.1656	73.249	0.338	80.837	11.909	611.510	289.990	0.000
07/03/2019	10:00:00	1.526	DI	51.9630	70.605	122.520	6.3325	0.1253	63.666	0.775	61.221	15.083	611.670	491.560	0.000
07/03/2019	11:00:00	3.315	DI	33.2390	70.968	104.020	8.8210	0.1332	119.500	0.646	48.597	18.784	611.700	673.560	0.000
07/03/2019	12:00:00	3.561	DI	26.1520	47.396	73.734	3.3253	0.1185	130.010	1.164	39.032	22.468	611.230	791.410	0.000
07/03/2019	13:00:00	5.367	DI	12.7160	28.074	40.922	2.3284	0.1413	125.320	1.308	27.268	26.219	610.210	849.780	0.000
07/03/2019	14:00:00	6.968	DI	5.5859	19.204	24.854	1.4668	0.1015	154.540	1.282	20.212	28.329	609.200	837.680	0.000
07/03/2019	15:00:00	9.091	DI	3.6287	18.565	22.179	1.1296	0.0598	174.780	1.544	17.553	29.239	608.420	678.770	0.000
07/03/2019	16:00:00	8.959	DI	2.9198	17.699	20.744	1.1699	0.0394	146.350	1.713	16.128	29.240	607.730	382.140	0.000
07/03/2019	17:00:00	6.403	DI	3.8350	18.115	21.969	1.0317	0.0406	60.202	2.277	16.987	28.662	607.300	186.380	0.000
07/03/2019	18:00:00	3.992	DI	3.6652	13.219	16.879	1.1700	0.0442	74.991	3.527	21.510	27.661	607.360	87.529	0.000
07/03/2019	19:00:00	2.128	DI	3.1224	15.477	18.462	0.7474	0.0537	94.414	3.669	29.224	25.933	607.650	33.165	0.000
07/03/2019	20:00:00	1.758	0.4826	3.2038	19.126	22.230	1.0056	0.0614	103.480	3.674	32.624	23.933	608.180	2.128	0.000
07/03/2019	21:00:00	1.756	0.6330	8.3542	37.414	45.936	0.9726	0.0757	89.670	1.821	33.394	23.384	608.800	2.063	0.000
07/03/2019	22:00:00	1.681	0.6673	12.7640	49.485	62.226	1.1871	0.0683	66.526	1.677	34.058	21.841	609.120	2.000	0.000
07/03/2019	23:00:00	1.670	0.7077	18.3950	62.836	80.985	1.7948	0.0781	69.155	1.383	32.116	21.102	609.410	2.035	0.000

PROMEDIO 24 HORAS	4.325	0.62265	20.3380	50.536	70.903	1.67	0.0699
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:	08/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
08/03/2019	00:00:00	1.508	1.0456	33.2340	82.853	116.590	2.0757	0.0647	108.720	0.381	33.501	20.038	609.450	2.031	0.000
08/03/2019	01:00:00	1.345	1.0683	32.8530	75.538	108.840	1.7564	0.0641	318.830	0.811	38.773	18.636	609.470	1.977	0.000
08/03/2019	02:00:00	1.490	0.8963	25.0080	76.468	102.070	1.6279	0.1322	305.200	0.618	42.357	17.401	609.560	2.001	0.000
08/03/2019	03:00:00	3.423	0.5232	16.7940	69.245	86.150	1.2317	0.1453	327.970	1.035	51.666	16.215	609.110	1.987	0.000
08/03/2019	04:00:00	4.235	0.4782	17.1700	70.850	87.385	0.6781	0.0570	309.770	0.372	56.253	15.543	608.740	2.000	0.000
08/03/2019	05:00:00	2.901	0.4801	23.1120	92.410	115.990	0.9246	0.0411	304.710	0.166	54.087	15.138	608.660	1.958	0.000
08/03/2019	06:00:00	1.706	0.5725	21.8120	77.473	99.323	0.9413	0.0454	298.580	0.309	52.796	14.736	608.720	2.037	0.000
08/03/2019	07:00:00	0.968	0.7993	45.2310	91.095	136.070	1.1636	0.0479	302.690	0.421	53.077	13.869	609.080	2.452	0.000
08/03/2019	08:00:00	1.254	1.2767	68.3780	111.000	179.380	1.4373	0.0631	304.610	0.117	60.668	14.033	609.510	79.539	0.000
08/03/2019	09:00:00	1.844	1.1276	34.8360	79.861	114.840	1.1749	0.0856	311.570	0.201	56.630	16.341	609.760	287.310	0.000
08/03/2019	10:00:00	4.958	1.0565	18.2440	47.987	66.338	1.5923	0.0743	271.760	0.503	40.838	19.633	609.780	491.570	0.000
08/03/2019	11:00:00	7.433	0.8010	13.7710	35.836	49.596	0.9961	0.1167	193.610	0.843	34.779	22.535	609.720	666.120	0.000
08/03/2019	12:00:00	8.552	0.8110	9.4010	24.411	34.037	0.9789	0.0707	143.150	1.229	29.414	25.025	609.350	798.380	0.000
08/03/2019	13:00:00	5.663	0.8388	7.5463	21.530	29.177	1.1899	0.0629	112.750	1.426	24.913	27.161	608.490	857.790	0.000
08/03/2019	14:00:00	5.374	0.8054	3.8754	18.019	21.995	0.9290	0.0542	131.830	1.570	21.941	28.255	607.540	861.320	0.000
08/03/2019	15:00:00	5.274	0.7968	2.7150	18.415	21.206	1.4062	0.0627	151.720	2.091	20.293	29.282	606.680	710.410	0.000
08/03/2019	16:00:00	3.659	0.7778	1.8232	17.334	19.045	0.8609	0.0578	135.000	2.092	18.814	29.341	605.870	514.600	0.000
08/03/2019	17:00:00	4.048	0.7486	1.3648	16.185	17.699	0.8648	0.0574	134.690	2.191	16.812	29.653	605.340	361.760	0.000
08/03/2019	18:00:00	3.697	0.6720	1.0111	15.932	17.015	0.9776	0.0573	185.400	1.438	14.582	29.890	605.270	171.360	0.000
08/03/2019	19:00:00	5.363	0.7233	1.5236	17.737	19.299	0.6902	0.0482	227.210	2.053	14.855	29.055	605.320	44.586	0.000
08/03/2019	20:00:00	2.409	0.8101	3.0790	18.879	22.023	0.9245	0.0442	92.772	3.092	29.925	25.556	606.030	2.150	0.000
08/03/2019	21:00:00	2.403	0.9421	2.9908	35.532	38.458	1.0213	0.0717	98.315	1.196	31.338	24.450	606.580	2.116	0.000
08/03/2019	22:00:00	1.509	1.0011	5.8749	31.151	36.306	0.7085	0.0585	106.660	2.182	36.651	23.647	606.940	2.000	0.000
08/03/2019	23:00:00	0.829	1.1986	9.6472	53.803	63.646	1.1255	0.0611	189.860	0.622	42.084	21.862	607.150	2.025	0.000

PROMEDIO 24 HORAS	3.410	0.84379	16.7206	49.981	66.770	1.14	0.0685
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:	09/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
09/03/2019	00:00:00	0.672	1.4243	16.9430	65.047	81.869	1.5637	0.0872	296.020	0.778	38.549	20.652	607.340	2.079	0.000
09/03/2019	01:00:00	4.193	0.5475	9.4564	43.968	53.270	1.0499	0.1053	234.020	1.850	24.927	21.515	607.460	1.936	0.000
09/03/2019	02:00:00	3.302	0.5502	11.3100	52.704	63.999	0.3051	0.0397	288.000	1.321	29.350	19.784	607.400	1.974	0.000
09/03/2019	03:00:00	3.744	0.4767	11.7630	54.736	66.559	0.0000	0.0589	249.470	1.472	33.461	18.465	607.250	1.973	0.000
09/03/2019	04:00:00	2.575	0.5700	25.2950	102.840	128.170	0.0000	0.0492	59.634	0.278	43.317	17.002	607.230	2.009	0.000
09/03/2019	05:00:00	1.344	0.5762	23.6730	88.338	111.940	0.0000	0.0521	267.760	0.215	37.672	16.826	607.230	1.949	0.000
09/03/2019	06:00:00	1.253	0.5682	27.0190	97.018	123.610	0.0000	0.0428	267.820	0.226	37.076	16.260	607.370	2.008	0.000
09/03/2019	07:00:00	0.787	1.0184	87.3450	116.210	203.730	0.1101	0.0388	175.560	0.152	40.787	15.273	607.680	2.514	0.000
09/03/2019	08:00:00	0.557	1.7918	117.7600	107.810	226.370	0.7242	0.0555	141.950	0.064	39.316	15.820	608.100	88.782	0.000
09/03/2019	09:00:00	1.320	1.6811	85.8640	105.600	192.220	1.1899	0.1063	113.140	0.272	38.195	18.480	608.300	302.740	0.000
09/03/2019	10:00:00	1.663	1.3198	50.1360	71.014	121.110	0.8856	0.1100	111.570	0.616	32.010	21.931	608.250	506.930	0.000
09/03/2019	11:00:00	10.089	1.1259	27.0090	42.456	69.273	0.5707	0.0970	115.340	1.099	25.656	23.345	608.340	675.830	0.000
09/03/2019	12:00:00	6.033	1.0254	17.7090	30.430	48.090	0.0765	0.0864	135.550	1.121	21.112	25.492	607.830	801.020	0.000
09/03/2019	13:00:00	8.521	0.7630	10.9620	22.013	32.819	0.1142	0.0902	185.670	2.622	17.030	27.354	607.150	877.270	0.000
09/03/2019	14:00:00	14.118	0.6832	8.1244	21.670	29.923	0.0575	0.0621	208.170	3.775	15.387	28.173	606.550	868.210	0.000
09/03/2019	15:00:00	10.437	0.5624	4.3674	15.403	19.809	0.2999	0.0628	241.220	3.103	13.713	29.330	605.860	788.540	0.000
09/03/2019	16:00:00	14.003	0.5089	3.2111	13.547	16.737	0.2423	0.0504	253.520	3.592	12.403	29.861	605.280	657.240	0.000
09/03/2019	17:00:00	17.444	0.4455	2.2032	10.379	12.573	0.3839	0.0466	271.640	3.588	11.615	30.052	604.890	460.050	0.000
09/03/2019	18:00:00	13.599	0.5287	2.6830	14.112	16.855	0.0635	0.0409	246.860	3.275	10.960	29.861	604.940	242.500	0.000
09/03/2019	19:00:00	10.943	0.5796	2.1312	15.419	17.529	0.6583	0.0361	255.590	2.581	11.162	28.755	605.340	47.244	0.000
09/03/2019	20:00:00	3.906	0.8529	1.3956	21.513	22.937	2.0624	0.0336	294.450	1.552	12.165	26.718	605.920	2.298	0.000
09/03/2019	21:00:00	1.999	1.5068	71.9270	43.382	115.050	0.6038	0.0528	260.240	0.473	14.631	24.823	606.560	2.230	0.000
09/03/2019	22:00:00	2.280	1.9914	105.7300	44.365	150.020	1.1062	0.1004	147.110	0.612	16.330	24.009	606.980	2.245	0.000
09/03/2019	23:00:00	1.238	2.1324	91.3880	49.943	141.080	1.0975	0.2017	201.980	0.830	17.601	23.351	607.280	2.188	0.000

PROMEDIO 24 HORAS	5.667	0.96793	33.9752	52.080	86.064	0.55	0.0711
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:	10/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
10/03/2019	00:00:00	0.692	1.7502	56.5200	60.595	117.090	0.9423	0.1210	170.420	0.903	18.999	21.777	607.640	2.246	0.000
10/03/2019	01:00:00	DI	1.2433	42.2330	80.620	122.510	1.3560	0.0749	251.710	0.807	18.864	20.457	607.890	2.187	0.000
10/03/2019	02:00:00	2.028	1.2230	CAL	CAL	CAL	3.4855	0.0692	151.580	0.543	21.097	18.605	608.180	2.184	0.000
10/03/2019	03:00:00	2.486	CAL	34.1890	86.770	120.920	3.2301	0.0822	239.540	1.073	21.697	18.288	607.920	2.190	0.000
10/03/2019	04:00:00	3.372	0.6300	26.0390	76.626	102.960	CAL	0.0451	260.930	0.845	24.895	17.513	607.740	2.192	0.000
10/03/2019	05:00:00	4.409	0.4406	20.1520	66.606	86.591	2.1605	0.0321	298.940	0.491	25.527	16.288	607.950	2.150	0.000
10/03/2019	06:00:00	3.335	0.4370	32.4270	111.310	143.020	1.9662	0.0391	242.110	0.668	24.339	16.092	608.190	2.120	0.000
10/03/2019	07:00:00	3.183	0.4354	31.9560	108.510	140.400	1.4764	0.0234	232.660	0.773	25.650	15.548	608.530	2.800	0.000
10/03/2019	08:00:00	2.029	0.5385	31.6750	104.590	135.990	1.4993	0.0272	243.710	0.363	27.001	15.981	608.890	91.561	0.000
10/03/2019	09:00:00	4.397	0.5652	20.4160	62.156	82.387	1.7937	0.0402	224.940	0.308	25.479	18.322	609.020	303.170	0.000
10/03/2019	10:00:00	5.047	0.5679	18.4350	57.014	75.421	2.4731	0.0444	203.370	0.435	27.632	21.078	609.240	510.780	0.000
10/03/2019	11:00:00	7.497	0.5483	10.8690	35.629	46.465	1.9311	0.0495	152.550	0.652	23.297	23.974	609.030	685.380	0.000
10/03/2019	12:00:00	5.235	0.6313	8.7742	21.221	30.178	1.6169	0.0561	95.986	1.728	19.483	25.785	608.750	808.030	0.000
10/03/2019	13:00:00	3.314	0.5602	5.9159	19.802	26.301	1.5517	0.0856	105.770	1.971	15.162	27.320	608.260	854.610	0.000
10/03/2019	14:00:00	3.867	0.5006	3.8094	19.090	22.794	1.5923	0.0478	152.980	2.024	14.818	28.004	607.660	860.830	0.000
10/03/2019	15:00:00	2.827	0.4728	2.5760	16.100	18.896	1.5828	0.0537	107.310	2.157	13.947	29.422	607.040	778.890	0.000
10/03/2019	16:00:00	4.893	0.3984	1.6512	13.513	15.322	1.6903	0.0419	142.530	1.976	13.519	30.125	606.430	636.510	0.000
10/03/2019	17:00:00	4.226	0.4191	1.6351	14.868	16.508	1.6379	0.0427	97.395	2.049	13.671	30.531	606.100	434.830	0.000
10/03/2019	18:00:00	4.567	0.3760	1.5178	14.124	15.703	1.3369	0.0444	127.030	2.789	15.997	29.718	606.110	155.120	0.000
10/03/2019	19:00:00	1.920	0.4159	1.9063	13.063	14.995	1.6047	0.0524	86.332	4.077	23.145	27.687	606.530	27.201	0.000
10/03/2019	20:00:00	1.909	0.3971	2.6733	18.344	21.070	1.8556	0.0667	111.920	3.147	24.546	26.278	607.120	2.247	0.000
10/03/2019	21:00:00	1.917	0.4210	2.9199	16.609	19.350	1.5440	0.0610	106.010	3.329	32.165	25.019	607.850	2.050	0.000
10/03/2019	22:00:00	1.798	0.4490	3.7314	19.621	22.960	1.5115	0.0471	94.308	3.019	34.264	23.673	608.400	2.153	0.000
10/03/2019	23:00:00	1.942	0.4470	6.6354	34.569	41.330	1.9605	0.0512	66.677	1.577	36.669	22.128	608.900	1.960	0.000

PROMEDIO 24 HORAS	3.343	0.60294	16.0286	46.580	62.572	1.82	0.0541
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:	11/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
11/03/2019	00:00:00	2.109	0.4691	7.7783	30.687	39.592	1.6987	0.0562	84.614	2.076	42.062	21.003	609.040	2.115	0.000
11/03/2019	01:00:00	1.845	0.5574	16.1990	64.999	80.571	1.7140	0.0605	81.711	1.280	46.197	19.991	609.160	1.974	0.000
11/03/2019	02:00:00	1.603	0.5159	22.5500	92.829	115.950	1.5189	0.0476	100.490	0.253	46.758	19.055	609.110	2.004	0.000
11/03/2019	03:00:00	1.363	0.5986	13.4370	64.772	77.897	1.4605	0.0493	271.470	0.902	49.049	17.888	609.010	1.939	0.000
11/03/2019	04:00:00	2.417	0.4818	13.3200	66.678	80.001	1.4229	0.0696	306.630	0.758	51.650	16.655	609.000	1.869	0.000
11/03/2019	05:00:00	0.865	0.4770	17.1180	76.410	93.640	1.1084	0.0616	308.360	0.524	52.168	16.520	608.900	1.920	0.000
11/03/2019	06:00:00	1.701	0.4779	15.7530	69.649	85.736	0.7483	0.0520	311.760	0.760	52.903	15.858	609.040	1.933	0.000
11/03/2019	07:00:00	1.385	0.5795	21.3120	81.102	102.210	0.4714	0.0571	293.080	0.626	52.704	15.207	609.440	2.662	0.000
11/03/2019	08:00:00	3.174	1.0361	31.8680	66.864	98.586	0.5554	0.0584	299.510	0.649	52.039	15.533	609.790	86.467	0.000
11/03/2019	09:00:00	5.905	0.7307	12.5020	40.654	52.970	0.4466	0.0988	322.520	1.405	55.505	16.533	610.170	292.520	0.000
11/03/2019	10:00:00	8.835	0.6548	11.2830	40.845	51.652	0.4765	0.0747	271.510	1.128	48.497	19.015	610.330	502.500	0.000
11/03/2019	11:00:00	5.932	0.6099	11.2620	41.928	53.220	0.4998	0.0747	124.600	0.631	36.822	22.371	610.190	673.860	0.000
11/03/2019	12:00:00	8.855	0.6026	6.3844	25.855	32.376	0.4060	0.0979	76.673	1.513	27.810	24.707	609.720	804.810	0.000
11/03/2019	13:00:00	3.987	0.6780	4.3699	18.815	22.813	0.2378	0.0820	85.434	2.401	22.725	27.234	608.940	859.210	0.000
11/03/2019	14:00:00	3.339	0.6177	2.3939	16.653	19.075	0.2878	0.0834	92.170	2.794	22.968	28.583	608.010	846.770	0.000
11/03/2019	15:00:00	4.059	0.5530	2.2200	14.651	16.899	0.0346	0.0690	88.831	3.849	21.700	29.619	607.210	760.460	0.000
11/03/2019	16:00:00	2.176	0.5183	1.6022	10.706	12.324	0.6824	0.0975	81.144	5.839	23.277	29.381	606.700	614.440	0.000
11/03/2019	17:00:00	2.238	0.4260	0.9631	10.349	11.321	0.3560	0.1498	81.086	6.591	27.270	28.102	606.550	383.010	0.000
11/03/2019	18:00:00	2.040	0.4132	1.1219	10.408	11.497	0.4071	0.1788	95.358	7.033	32.087	26.317	606.760	185.680	0.000
11/03/2019	19:00:00	1.475	0.4458	1.5056	11.220	12.689	0.2876	0.1516	95.684	6.129	42.197	23.778	607.360	31.016	0.000
11/03/2019	20:00:00	1.144	0.4506	1.9031	12.467	14.400	0.1567	0.1059	91.476	5.347	51.318	21.404	607.990	2.143	0.000
11/03/2019	21:00:00	1.409	0.4733	1.7533	13.065	14.798	0.0408	0.0845	83.314	5.148	63.826	19.114	608.940	2.047	0.000
11/03/2019	22:00:00	1.166	0.4994	3.1472	18.159	21.305	0.2466	0.0765	72.260	3.717	69.873	17.680	609.640	2.012	0.000
11/03/2019	23:00:00	1.775	0.4936	4.6326	22.438	27.144	0.3844	0.0565	67.995	3.206	73.916	16.783	609.970	2.045	0.000

PROMEDIO 24 HORAS	2.950	0.55667	9.4325	38.425	47.861	0.65	0.0831
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	12/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
12/03/2019	00:00:00	1.560	0.5285	5.5253	21.956	27.471	0.6399	0.0491	67.433	2.649	76.499	16.180	610.160	1.869	0.000
12/03/2019	01:00:00	1.861	0.5492	8.2359	31.902	40.155	0.7702	0.0342	75.784	2.319	75.499	15.996	610.280	1.949	0.000
12/03/2019	02:00:00	1.475	0.6004	3.6553	14.097	17.736	0.7068	0.0372	92.758	3.249	73.642	16.036	610.070	1.872	0.000
12/03/2019	03:00:00	1.451	0.5888	6.6575	27.910	34.510	0.6402	0.0479	114.190	2.784	72.280	15.881	609.770	1.847	0.000
12/03/2019	04:00:00	1.769	0.5681	10.9950	40.756	51.933	0.5283	0.0500	106.290	2.156	72.304	15.712	609.550	1.888	0.000
12/03/2019	05:00:00	1.371	0.5342	15.8470	63.568	78.665	0.9200	0.0419	62.096	1.140	77.239	14.951	609.320	1.907	0.000
12/03/2019	06:00:00	1.056	0.5731	20.9490	75.046	96.071	0.9307	0.0568	74.754	1.458	82.622	14.481	609.340	1.922	0.000
12/03/2019	07:00:00	0.823	0.7175	21.2260	60.244	81.279	0.9760	0.0561	103.240	1.874	78.440	15.046	609.410	2.962	0.000
12/03/2019	08:00:00	0.634	1.0653	35.8160	65.094	101.120	0.8393	0.0696	200.810	1.298	77.468	15.248	609.760	66.433	0.000
12/03/2019	09:00:00	1.291	1.0336	30.8230	43.039	73.600	0.9874	0.0877	164.910	2.463	68.467	16.757	609.940	262.910	0.000
12/03/2019	10:00:00	1.783	0.7706	12.6180	24.717	37.248	0.6229	0.0777	129.800	3.491	64.342	17.847	609.980	385.320	0.000
12/03/2019	11:00:00	2.033	0.7478	11.2110	30.136	41.469	0.6064	0.0679	123.760	2.472	57.559	19.751	609.800	653.160	0.000
12/03/2019	12:00:00	2.827	0.7564	8.0287	24.998	32.720	0.8198	0.0849	108.320	2.361	52.066	21.540	609.240	793.190	0.000
12/03/2019	13:00:00	3.367	0.7279	6.1773	29.500	35.342	0.7862	0.0900	141.590	2.262	46.577	23.421	608.350	845.130	0.000
12/03/2019	14:00:00	2.701	0.7305	4.0657	21.482	25.496	1.3286	0.0898	128.670	2.172	42.769	24.893	607.420	702.470	0.000
12/03/2019	15:00:00	1.875	0.6803	3.3818	21.779	25.111	1.2365	0.0897	107.470	2.600	37.486	26.769	606.530	742.360	0.000
12/03/2019	16:00:00	2.465	0.6387	2.7856	18.030	20.868	1.3613	0.0906	85.398	3.335	35.005	27.530	605.520	447.500	0.000
12/03/2019	17:00:00	1.346	0.5997	1.9596	12.269	14.224	0.8777	0.0805	78.102	4.222	39.076	26.533	604.990	160.450	0.000
12/03/2019	18:00:00	3.228	0.5678	2.2441	13.357	15.613	0.8334	0.0886	65.269	3.891	45.314	25.153	605.230	205.860	0.000
12/03/2019	19:00:00	1.647	0.5996	3.4692	17.648	21.435	0.4925	0.1042	74.141	3.197	49.620	23.532	605.530	38.988	0.000
12/03/2019	20:00:00	1.128	0.6537	5.7064	24.076	29.524	0.7235	0.0770	95.955	2.822	53.073	22.235	605.860	2.130	0.000
12/03/2019	21:00:00	1.311	0.7739	8.6666	32.967	42.419	0.6006	0.0710	119.430	1.787	52.447	21.841	606.370	2.022	0.000
12/03/2019	22:00:00	1.309	0.9052	14.4910	56.555	71.301	0.7968	0.0577	235.500	1.468	57.525	20.334	606.840	1.986	0.000
12/03/2019	23:00:00	0.820	0.8434	11.3720	49.802	61.135	0.7726	0.0947	209.830	1.117	66.106	18.551	607.110	1.956	0.000

PROMEDIO 24 HORAS	1.714	0.69808	10.6628	34.205	44.852	0.82	0.0706
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:	13/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
13/03/2019	00:00:00	0.576	0.8802	16.5330	60.589	76.626	0.7789	0.0900	117.820	0.871	62.370	18.894	607.070	1.940	0.000
13/03/2019	01:00:00	1.210	0.5964	14.6920	52.750	67.693	0.9010	0.0841	147.350	0.866	53.473	19.412	607.020	1.879	0.000
13/03/2019	02:00:00	3.161	0.3475	11.9940	41.009	53.249	1.0235	0.0685	189.520	1.492	39.421	20.365	606.730	1.994	0.000
13/03/2019	03:00:00	9.843	0.2613	4.4101	17.958	22.451	0.7498	0.0584	232.070	4.954	41.594	19.777	606.160	1.839	0.000
13/03/2019	04:00:00	12.349	0.2616	3.2592	14.900	18.161	1.1211	0.1040	236.790	5.375	45.201	18.905	606.070	2.120	0.000
13/03/2019	05:00:00	11.190	0.2158	3.6631	19.575	23.306	1.2865	0.0578	242.770	3.916	49.214	17.990	606.210	2.169	0.000
13/03/2019	06:00:00	10.520	0.2413	4.1399	20.986	24.918	1.0210	0.0405	240.360	4.127	53.562	17.012	606.330	2.081	0.000
13/03/2019	07:00:00	9.968	0.2843	5.4255	24.149	29.627	1.1324	0.0348	233.510	4.448	56.818	16.461	606.270	3.145	0.000
13/03/2019	08:00:00	11.358	0.3156	4.7103	18.153	22.822	1.3139	0.0380	234.490	5.544	58.330	16.603	606.550	115.210	0.000
13/03/2019	09:00:00	12.678	0.3918	4.9072	14.772	19.613	1.5963	0.0754	240.750	5.697	54.875	17.812	606.920	336.060	0.000
13/03/2019	10:00:00	17.210	0.3317	3.4316	9.823	13.242	1.4456	0.1087	238.190	8.160	47.801	19.764	606.730	543.070	0.000
13/03/2019	11:00:00	18.244	0.3046	3.2161	10.001	13.176	1.1746	0.2535	241.170	8.342	37.436	22.141	606.510	729.100	0.000
13/03/2019	12:00:00	16.209	0.3366	2.9942	11.233	14.257	1.0284	0.1672	230.260	7.807	28.736	24.147	606.260	836.270	0.000
13/03/2019	13:00:00	13.682	0.3625	3.6944	14.065	17.713	0.6931	0.1845	224.370	6.533	23.598	25.904	605.580	905.630	0.000
13/03/2019	14:00:00	13.640	0.3641	3.7525	11.697	15.443	0.6932	0.0909	231.970	6.494	17.495	27.681	604.770	883.350	0.000
13/03/2019	15:00:00	22.002	0.3160	2.1616	8.038	10.195	0.7910	0.1207	251.870	6.705	13.630	28.508	604.330	824.330	0.000
13/03/2019	16:00:00	26.175	0.3345	1.7657	8.470	10.246	0.7522	0.1022	260.160	5.095	13.701	28.947	604.090	661.210	0.000
13/03/2019	17:00:00	22.953	0.3729	1.9260	10.045	11.999	1.0189	0.0653	256.120	4.769	14.697	28.994	603.980	443.080	0.000
13/03/2019	18:00:00	18.596	0.4164	2.3895	13.779	16.137	0.9938	0.0556	246.860	4.400	14.907	28.684	604.160	245.410	0.000
13/03/2019	19:00:00	14.044	0.4916	2.4893	16.635	19.093	1.1478	0.0458	249.150	3.601	16.330	27.381	604.580	48.942	0.000
13/03/2019	20:00:00	14.893	0.5604	2.1222	19.224	21.307	2.2239	0.0416	257.010	2.788	16.502	26.071	605.200	2.370	0.000
13/03/2019	21:00:00	7.607	0.6597	4.7045	29.763	34.659	1.0366	0.0408	238.180	2.586	18.973	24.864	605.880	2.282	0.000
13/03/2019	22:00:00	8.896	0.6344	5.2195	32.955	37.917	0.9375	0.0389	237.880	2.791	22.481	23.696	606.490	2.280	0.000
13/03/2019	23:00:00	8.399	0.6013	6.6691	33.291	39.975	0.7762	0.0374	230.470	2.997	24.139	22.557	606.900	2.279	0.000

PROMEDIO 24 HORAS	12.725	0.41175	5.0113	21.411	26.409	1.07	0.0835
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	14/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
14/03/2019	00:00:00	7.643	0.5433	6.7265	33.241	40.211	0.8779	0.0334	232.560	2.549	25.626	21.215	607.070	2.183	0.000
14/03/2019	01:00:00	10.250	0.3384	3.8017	22.878	26.404	0.8753	0.0232	251.510	2.818	26.887	20.304	607.210	2.218	0.000
14/03/2019	02:00:00	12.402	0.2475	2.9164	17.867	20.762	0.0000	0.0245	249.170	3.132	28.380	19.315	607.150	2.212	0.000
14/03/2019	03:00:00	9.114	0.3123	8.7892	42.259	50.966	0.0000	0.0268	239.700	1.911	29.924	18.470	607.040	2.137	0.000
14/03/2019	04:00:00	7.484	0.2876	10.2200	44.795	54.648	0.0000	0.0235	223.510	2.145	29.484	18.145	607.040	2.201	0.000
14/03/2019	05:00:00	8.510	0.2716	9.9481	42.973	53.001	0.0000	0.0194	229.030	2.260	29.316	17.663	606.940	2.156	0.000
14/03/2019	06:00:00	10.200	0.2729	6.7739	31.732	38.812	0.0000	0.0185	231.260	2.777	30.762	17.643	606.990	2.220	0.000
14/03/2019	07:00:00	4.822	0.4369	18.2160	65.562	84.260	0.0000	0.0211	200.160	1.204	35.347	16.494	607.280	3.310	0.000
14/03/2019	08:00:00	2.314	0.8755	37.0390	86.670	124.370	0.1727	0.0300	169.250	0.273	35.710	16.581	607.730	115.770	0.000
14/03/2019	09:00:00	3.014	0.9388	35.0410	70.342	105.460	0.7694	0.0662	109.670	0.611	33.485	18.708	608.030	330.390	0.000
14/03/2019	10:00:00	7.464	0.6228	10.8080	29.653	40.095	0.3279	0.1066	200.530	1.844	31.782	21.529	608.140	545.340	0.000
14/03/2019	11:00:00	14.260	0.4871	4.5189	14.634	19.135	0.0000	0.0473	247.110	2.957	32.996	23.028	608.080	719.070	0.000
14/03/2019	12:00:00	14.227	0.4155	3.7528	15.221	19.001	0.0000	0.0473	249.740	3.327	27.477	25.112	607.600	849.290	0.000
14/03/2019	13:00:00	12.337	0.4398	7.7669	48.225	56.432	0.0000	0.0523	163.480	2.141	24.549	26.359	607.050	877.930	0.000
14/03/2019	14:00:00	9.605	0.4498	3.6461	26.359	29.931	0.0000	0.0845	191.470	2.384	16.909	28.284	606.310	889.850	0.000
14/03/2019	15:00:00	7.220	0.3304	3.0917	14.377	17.619	0.0000	0.0441	222.290	2.154	11.422	29.714	605.520	809.540	0.000
14/03/2019	16:00:00	7.814	0.3843	3.4666	13.614	17.066	0.0000	0.0165	238.800	3.082	10.441	30.045	604.900	669.450	0.000
14/03/2019	17:00:00	8.613	0.4050	2.9529	11.022	13.938	0.0000	0.0163	233.860	2.734	10.424	30.419	604.590	471.910	0.000
14/03/2019	18:00:00	7.368	0.4884	3.1283	12.035	14.994	0.0000	0.0194	236.640	2.955	11.260	30.388	604.720	262.730	0.000
14/03/2019	19:00:00	6.439	0.5636	2.7348	16.131	18.788	0.0000	0.0187	239.540	2.624	13.410	29.119	605.080	55.482	0.000
14/03/2019	20:00:00	3.524	0.6484	3.0080	11.279	14.302	0.0000	0.0241	103.970	4.659	31.395	25.981	605.720	2.380	0.000
14/03/2019	21:00:00	2.485	0.6480	1.6524	10.106	11.755	0.0000	0.1560	105.030	5.928	51.941	22.520	606.600	2.246	0.000
14/03/2019	22:00:00	2.601	0.6568	1.1869	10.353	11.530	0.0000	0.1682	104.190	5.474	61.167	20.925	607.430	2.165	0.000
14/03/2019	23:00:00	2.649	0.7215	1.5614	11.555	13.100	0.0000	0.1102	99.526	3.812	66.992	20.057	607.970	2.103	0.000

PROMEDIO 24 HORAS	7.598	0.49109	8.0311	29.287	37.358	0.13	0.0499
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	15/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
15/03/2019	00:00:00	2.206	0.7208	2.1448	15.399	17.571	0.0000	0.0823	99.105	3.241	68.366	19.799	608.140	2.099	0.000
15/03/2019	01:00:00	2.366	0.5784	2.2448	13.889	15.991	0.0000	0.0658	111.640	3.700	67.492	19.567	608.200	1.996	0.000
15/03/2019	02:00:00	2.272	0.5037	2.7789	16.780	19.481	0.8296	0.0534	117.480	3.613	70.262	19.049	608.180	2.072	0.000
15/03/2019	03:00:00	2.251	0.4682	4.0643	23.068	27.450	0.6324	0.0585	133.370	2.867	70.095	18.698	608.020	2.042	0.000
15/03/2019	04:00:00	3.077	0.4439	5.3734	27.623	32.800	0.5908	0.0551	139.550	2.850	72.258	18.194	607.970	1.982	0.000
15/03/2019	05:00:00	3.938	0.3812	6.5281	33.174	39.668	0.6511	0.0449	146.430	2.866	72.567	17.870	608.050	2.037	0.000
15/03/2019	06:00:00	2.975	0.4229	5.1561	25.173	30.360	0.6437	0.0399	128.270	2.681	73.448	17.789	608.270	2.144	0.000
15/03/2019	07:00:00	2.003	0.4595	2.7001	12.347	14.931	0.9201	0.0329	89.751	4.461	89.471	16.310	608.770	2.579	0.000
15/03/2019	08:00:00	2.294	0.4772	3.3231	14.822	18.187	1.1036	0.0408	94.360	3.722	91.397	16.038	609.330	49.146	0.000
15/03/2019	09:00:00	2.286	0.5119	3.2925	13.939	17.211	0.9964	0.0328	100.630	3.788	87.775	16.402	609.750	72.481	0.000
15/03/2019	10:00:00	2.555	0.5311	3.1976	11.832	15.125	1.0045	0.0283	96.979	4.369	74.605	17.741	609.850	322.710	0.000
15/03/2019	11:00:00	2.070	0.5324	2.9296	11.829	14.577	0.9281	0.0328	93.046	4.354	70.100	18.353	609.770	376.500	0.000
15/03/2019	12:00:00	2.616	0.5024	2.7100	13.119	15.846	0.9908	0.0366	117.190	4.282	60.453	19.849	609.690	579.430	0.000
15/03/2019	13:00:00	1.467	0.4782	2.5317	11.346	13.856	0.9819	0.0491	80.403	4.829	64.235	19.233	609.190	459.240	0.000
15/03/2019	14:00:00	0.000	0.4364	1.4579	8.673	10.134	0.9946	0.0707	84.512	6.101	60.367	19.957	608.370	745.080	0.000
15/03/2019	15:00:00	DI	0.3808	1.5381	9.449	10.987	1.0825	0.0785	83.320	5.963	55.520	20.832	607.500	781.090	0.000
15/03/2019	16:00:00	DI	0.3465	1.6299	9.348	11.038	0.8788	0.1065	75.125	6.507	59.420	19.542	606.970	626.300	0.000
15/03/2019	17:00:00	DI	0.3270	1.6494	8.627	10.271	0.9792	0.1502	80.587	6.566	64.324	17.696	606.980	421.690	0.000
15/03/2019	18:00:00	DI	0.3439	1.4586	9.870	11.342	1.2362	0.1741	90.854	5.952	72.596	15.269	607.530	209.520	0.000
15/03/2019	19:00:00	DI	0.4152	2.8430	14.793	17.735	1.2274	0.1015	67.492	4.362	79.379	13.455	608.430	42.995	0.000
15/03/2019	20:00:00	DI	0.3916	2.6641	13.042	15.755	1.2320	0.0562	69.322	4.575	88.581	11.796	608.960	2.335	0.000
15/03/2019	21:00:00	DI	0.4292	3.8770	21.326	25.313	1.1085	0.0380	65.478	3.451	85.730	11.342	609.830	2.211	0.000
15/03/2019	22:00:00	DI	0.4715	3.8029	18.126	21.855	1.1646	0.0251	70.960	3.918	85.431	10.628	610.560	2.184	0.000
15/03/2019	23:00:00	0.000	0.5113	2.8659	14.455	17.367	1.3692	0.0236	74.072	4.111	84.862	9.778	611.020	2.080	0.000

PROMEDIO 24 HORAS	2.148	0.46104	3.0317	15.502	18.535	0.90	0.0616
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	16/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
16/03/2019	00:00:00	2.702	0.4760	5.0534	25.863	30.772	1.4889	0.0194	76.767	3.154	84.942	9.535	610.900	2.214	0.000
16/03/2019	01:00:00	2.294	0.4102	3.8242	18.923	22.761	0.9724	0.0285	99.894	3.937	84.413	10.241	610.880	2.158	0.000
16/03/2019	02:00:00	2.128	0.3473	4.3287	22.277	26.757	0.3100	0.0275	109.820	3.520	84.618	9.967	610.440	2.153	0.000
16/03/2019	03:00:00	7.945	0.2069	7.2095	41.540	48.169	0.1372	0.0227	214.560	2.010	85.667	8.350	610.230	2.132	0.000
16/03/2019	04:00:00	10.328	0.1847	5.4675	33.294	38.835	0.0000	0.0267	244.340	2.275	87.345	7.743	610.040	2.079	0.000
16/03/2019	05:00:00	11.243	0.1874	5.4282	33.126	38.567	0.0276	0.0168	294.990	2.514	87.901	7.592	610.130	2.162	0.000
16/03/2019	06:00:00	9.459	0.2091	6.8759	38.959	45.726	0.2006	0.0230	303.340	2.037	90.761	7.233	610.410	2.106	0.000
16/03/2019	07:00:00	8.910	0.2107	7.6992	46.169	53.757	0.1503	0.0194	277.660	1.677	93.272	7.029	610.780	2.362	0.000
16/03/2019	08:00:00	7.919	0.3216	10.0630	52.616	62.661	0.0000	0.0299	132.280	1.222	95.568	6.986	611.170	15.388	0.000
16/03/2019	09:00:00	5.097	0.3727	14.7050	67.449	81.652	0.0000	0.0357	113.050	0.798	93.461	7.742	611.470	63.481	0.000
16/03/2019	10:00:00	4.711	0.5235	17.2530	61.109	78.674	0.4631	0.0799	79.586	1.088	90.030	8.647	611.680	125.870	0.000
16/03/2019	11:00:00	4.583	0.5749	16.2740	45.446	61.690	0.8042	0.1262	91.665	1.868	76.161	11.028	611.690	423.060	0.000
16/03/2019	12:00:00	5.714	0.4656	9.9172	30.319	40.143	0.3732	0.0723	102.640	2.162	62.417	13.552	611.310	609.630	0.000
16/03/2019	13:00:00	6.323	0.4324	7.7236	28.024	35.757	0.6412	0.0538	87.520	1.953	54.670	15.904	610.580	718.110	0.000
16/03/2019	14:00:00	9.131	0.4078	6.5059	29.496	35.875	0.3890	0.0579	85.247	2.030	51.359	17.277	609.740	528.350	0.000
16/03/2019	15:00:00	17.773	0.2338	4.4392	18.675	23.106	0.3097	0.0670	153.060	3.754	55.363	15.954	609.060	432.840	0.000
16/03/2019	16:00:00	17.254	0.2147	3.8599	18.098	22.133	0.3700	0.0605	253.650	3.489	55.966	15.726	608.810	398.410	0.000
16/03/2019	17:00:00	13.827	0.2679	5.2203	25.889	30.994	0.2666	0.0450	254.350	2.809	57.468	15.005	608.890	156.110	0.000
16/03/2019	18:00:00	11.288	0.2491	6.4909	29.218	35.791	0.1076	0.0472	269.360	2.287	57.593	14.777	608.970	121.650	0.000
16/03/2019	19:00:00	8.385	0.3246	8.4274	41.343	49.993	0.1152	0.0618	230.080	1.548	60.218	14.216	609.100	17.251	0.000
16/03/2019	20:00:00	5.443	0.3145	12.9060	61.259	74.529	0.1285	0.0578	187.680	0.434	64.331	13.352	609.530	2.328	0.000
16/03/2019	21:00:00	5.434	0.3637	10.0240	47.923	57.872	0.3106	0.0490	203.990	1.656	67.851	12.267	610.140	2.191	0.000
16/03/2019	22:00:00	2.895	0.3925	10.9390	44.869	55.563	0.4134	0.0421	88.702	1.905	68.118	11.863	610.560	2.182	0.000
16/03/2019	23:00:00	2.287	0.3913	9.0714	39.271	48.363	0.7125	0.0365	93.735	2.153	69.170	11.779	610.870	2.144	0.000

PROMEDIO 24 HORAS	7.628	0.33680	8.3211	37.548	45.839	0.36	0.0461
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:	17/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
17/03/2019	00:00:00	1.220	0.3448	11.9570	52.906	64.559	0.6945	0.0343	68.710	1.685	71.749	11.584	610.820	2.207	0.000
17/03/2019	01:00:00	CAL	0.3828	7.7589	44.205	52.108	0.4905	0.0287	35.667	1.404	73.268	11.441	610.700	2.054	0.000
17/03/2019	02:00:00	5.492	0.5668	CAL	CAL	CAL	1.0095	0.0543	68.000	1.212	74.355	11.134	610.530	2.124	0.000
17/03/2019	03:00:00	4.910	CAL	8.6248	41.912	50.571	1.0074	0.0417	296.330	1.248	81.825	10.448	610.140	2.120	0.000
17/03/2019	04:00:00	6.330	0.4551	8.3388	40.429	48.859	AE	0.0317	273.640	1.829	91.887	9.563	609.830	2.127	0.000
17/03/2019	05:00:00	5.268	0.3237	8.0802	43.871	51.860	0.3416	0.0241	311.110	1.235	93.736	9.257	609.800	2.133	0.000
17/03/2019	06:00:00	8.291	0.3143	8.1495	44.240	52.574	0.3783	0.0250	309.240	0.942	95.823	9.087	609.910	2.133	0.000
17/03/2019	07:00:00	8.060	0.3723	9.0570	48.570	58.004	0.3384	0.0270	315.090	1.137	97.984	8.940	610.050	2.510	0.000
17/03/2019	08:00:00	9.197	0.4279	6.7433	37.836	44.579	0.1229	0.0251	319.350	1.661	100.000	8.774	610.730	24.788	0.000
17/03/2019	09:00:00	9.936	0.4968	9.0322	44.690	53.501	0.2096	0.0210	274.200	1.594	99.986	9.197	611.360	76.482	0.000
17/03/2019	10:00:00	8.376	0.5095	10.5350	48.987	59.453	0.2679	0.0214	245.140	0.806	92.986	10.515	611.630	153.160	0.000
17/03/2019	11:00:00	8.331	0.5675	10.6240	44.479	55.242	0.6078	0.0283	128.040	0.685	78.694	12.245	611.610	395.760	0.000
17/03/2019	12:00:00	10.859	0.5301	8.4298	40.695	49.220	0.8548	0.0515	155.980	0.876	64.151	14.621	611.010	669.400	0.000
17/03/2019	13:00:00	12.712	0.5287	6.5522	32.957	39.258	0.8017	0.0661	151.010	1.117	55.367	17.074	610.110	773.370	0.000
17/03/2019	14:00:00	11.981	0.4469	4.7364	24.863	29.292	0.5344	0.0739	145.730	1.966	49.607	19.223	609.120	625.200	0.000
17/03/2019	15:00:00	14.046	0.3810	3.7867	21.211	25.006	0.2447	0.0501	119.120	2.703	49.754	19.473	608.250	536.650	0.000
17/03/2019	16:00:00	12.029	0.3159	3.7521	17.841	21.594	0.4636	0.0650	201.670	3.200	49.280	19.486	607.600	541.840	0.000
17/03/2019	17:00:00	9.228	0.3172	3.5535	17.415	20.964	0.3624	0.0685	274.640	3.426	50.106	19.400	607.370	328.020	0.000
17/03/2019	18:00:00	0.000	0.5165	3.9838	16.304	20.412	0.3972	0.0464	90.489	2.311	53.965	18.368	607.700	83.127	0.000
17/03/2019	19:00:00	0.000	0.5052	6.7156	29.715	36.767	0.4745	0.0499	121.080	1.905	60.527	16.223	608.220	19.544	0.000
17/03/2019	20:00:00	DI	0.5300	8.9040	39.090	48.181	0.5044	0.0373	116.110	2.302	66.876	14.540	608.830	2.228	0.000
17/03/2019	21:00:00	0.000	0.4913	13.8810	62.439	76.403	0.4630	0.0283	146.570	1.743	70.794	13.795	609.300	2.135	0.000
17/03/2019	22:00:00	1.127	0.5562	7.0873	26.201	33.157	0.5726	0.0252	116.250	3.162	79.102	12.759	609.890	2.277	0.000
17/03/2019	23:00:00	1.255	0.5398	4.3981	16.025	20.563	0.2341	0.0274	85.971	3.482	89.709	11.794	610.350	2.111	0.000

PROMEDIO 24 HORAS	6.757	0.45304	7.5948	36.386	44.006	0.49	0.0397
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

REFERENCIA		
CONTAMINANTE	NORMA	LIMITE MÁXIMO
O3	NOM-020-SSA1-2014 (DOF, 201	95 PPB
CO	NOM-021-SSA1-1993 (DOF, 199	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1994	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 201	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 201	75 µg/m³

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	18/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
18/03/2019	00:00:00	1.255	0.4966	3.9269	17.601	21.515	0.5250	0.0188	81.953	3.102	89.225	11.595	610.640	2.076	0.000
18/03/2019	01:00:00	6.286	0.3470	6.8487	35.038	41.551	0.3618	0.0178	56.771	1.779	88.068	11.533	610.360	2.131	0.000
18/03/2019	02:00:00	2.474	0.3845	7.1987	31.151	38.830	0.8852	0.0155	91.197	2.231	85.636	11.516	609.910	2.120	0.000
18/03/2019	03:00:00	3.565	0.3696	8.0322	36.776	45.278	1.1636	0.0144	118.740	2.345	87.876	10.966	609.540	2.076	0.000
18/03/2019	04:00:00	4.523	0.3305	10.1230	46.506	56.732	1.1902	0.0120	95.044	1.741	89.795	10.553	609.280	2.195	0.000
18/03/2019	05:00:00	11.725	0.2230	7.5001	42.515	49.935	1.3025	0.0117	171.090	1.193	91.348	10.255	609.040	2.139	0.000
18/03/2019	06:00:00	13.178	0.2117	8.1181	45.621	53.610	0.6804	0.0115	264.520	1.531	92.834	9.953	609.080	2.103	0.000
18/03/2019	07:00:00	12.466	0.3005	8.4872	47.563	55.995	0.6586	0.0115	167.500	0.996	93.439	9.856	609.330	2.740	0.000
18/03/2019	08:00:00	11.234	0.4036	9.3738	48.974	58.302	1.0056	0.0178	226.740	1.160	92.523	10.068	609.740	36.199	0.000
18/03/2019	09:00:00	9.237	0.4121	10.7950	49.381	60.322	0.8213	0.0297	136.150	1.029	88.726	10.787	610.060	135.920	0.000
18/03/2019	10:00:00	6.009	0.4926	13.7400	51.820	65.631	0.9834	0.0387	104.520	1.443	77.226	12.180	610.180	199.420	0.000
18/03/2019	11:00:00	5.928	0.5311	11.7550	40.521	52.536	1.1350	0.0374	74.174	1.668	72.826	12.955	610.240	252.330	0.000
18/03/2019	12:00:00	2.488	0.5350	10.4260	32.662	43.321	1.1802	0.0539	105.360	1.591	63.352	15.149	609.730	626.660	0.000
18/03/2019	13:00:00	5.487	0.5250	7.7956	29.568	37.255	1.0365	0.0548	123.570	1.509	57.312	17.126	608.860	744.430	0.000
18/03/2019	14:00:00	8.798	0.5033	5.0997	22.787	28.015	2.0021	0.0565	98.366	2.242	52.143	18.867	607.520	620.880	0.000
18/03/2019	15:00:00	19.789	0.2953	4.0361	18.069	22.035	1.7759	0.0760	171.990	4.126	56.249	18.019	606.670	507.990	0.000
18/03/2019	16:00:00	13.072	0.3030	6.2490	24.746	31.081	1.0154	0.1191	166.260	2.877	88.645	14.748	606.570	353.570	0.600
18/03/2019	17:00:00	12.823	0.2916	6.6432	25.530	32.293	1.2160	0.0902	286.950	2.744	84.795	14.487	606.240	239.320	0.000
18/03/2019	18:00:00	8.124	0.3448	8.8100	36.557	45.291	1.5559	0.0281	172.730	1.601	80.718	14.149	606.610	82.471	0.100
18/03/2019	19:00:00	6.472	0.3652	7.7380	29.392	37.518	1.4355	0.0289	121.050	2.460	94.752	12.550	607.350	17.859	0.000
18/03/2019	20:00:00	4.529	0.3869	5.7553	18.539	24.177	1.3063	0.0342	96.564	3.510	95.284	11.355	608.020	2.252	0.000
18/03/2019	21:00:00	3.346	0.3537	6.1385	21.543	27.521	1.3735	0.0036	83.387	3.077	92.845	11.423	608.570	2.137	0.000
18/03/2019	22:00:00	1.981	0.4182	5.3536	20.461	25.818	1.5308	0.0261	82.667	3.797	93.299	11.156	609.200	2.224	0.000
18/03/2019	23:00:00	1.945	0.4061	4.9962	21.060	26.329	1.1181	0.0073	79.510	3.314	96.950	10.486	609.700	2.173	0.400

PROMEDIO 24 HORAS	7.364	0.38461	7.7058	33.099	40.870	1.14	0.0340
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	19/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
19/03/2019	00:00:00	2.470	0.3819	5.4476	22.505	27.775	1.3267	0.0060	86.343	3.168	100.000	9.880	609.650	2.167	0.000
19/03/2019	01:00:00	2.815	0.3735	9.2049	38.408	47.787	0.9463	0.0070	77.929	2.072	100.000	9.571	609.600	1.631	1.100
19/03/2019	02:00:00	4.740	0.2949	8.5930	38.371	47.072	0.0000	0.0069	56.364	1.749	100.000	9.404	609.650	1.854	0.000
19/03/2019	03:00:00	3.945	0.2929	9.6243	40.505	49.945	0.0000	0.0093	66.809	1.785	100.000	9.491	609.250	2.003	0.100
19/03/2019	04:00:00	4.577	0.2548	10.4080	44.954	55.450	0.0000	0.0129	56.067	1.253	100.000	9.575	609.040	2.102	0.000
19/03/2019	05:00:00	3.984	0.2705	11.7770	51.593	63.346	0.0000	0.0055	63.147	1.380	100.000	9.514	608.880	2.065	0.000
19/03/2019	06:00:00	5.354	0.2272	9.8559	44.563	53.959	0.0000	0.0065	51.511	1.036	100.000	9.598	609.090	2.051	0.000
19/03/2019	07:00:00	3.253	0.3781	10.5140	47.104	57.600	0.0000	0.0082	156.320	1.208	100.000	9.492	609.500	2.621	0.000
19/03/2019	08:00:00	2.077	0.5406	17.1560	54.157	71.063	0.1068	0.0195	50.155	1.066	100.000	9.603	609.860	19.604	0.000
19/03/2019	09:00:00	2.751	0.5746	17.1710	54.799	72.055	0.0000	0.0478	41.980	1.149	98.849	10.224	610.270	71.064	0.000
19/03/2019	10:00:00	2.711	0.6083	21.0340	61.793	82.947	0.0000	0.0619	96.470	0.709	90.757	11.411	610.540	170.990	0.000
19/03/2019	11:00:00	4.610	0.5780	17.5280	47.761	65.270	0.0000	0.0507	170.980	1.043	75.189	12.995	610.390	412.380	0.000
19/03/2019	12:00:00	7.029	0.5517	11.2800	30.748	41.983	0.0000	0.0512	91.533	1.807	66.360	15.001	610.070	825.700	0.000
19/03/2019	13:00:00	8.687	0.4753	8.4589	24.548	33.000	0.0000	0.0762	105.520	2.315	58.647	16.938	609.300	884.080	0.000
19/03/2019	14:00:00	8.590	0.4126	5.7586	17.706	23.526	0.0000	0.0708	82.605	2.624	53.407	18.231	608.470	836.950	0.000
19/03/2019	15:00:00	10.369	0.3925	5.0826	21.266	26.498	0.0000	0.0604	100.660	2.316	46.974	19.592	607.640	774.600	0.000
19/03/2019	16:00:00	11.710	0.3255	3.9528	19.279	23.205	0.0597	0.0573	153.160	2.675	40.036	20.911	606.980	579.050	0.000
19/03/2019	17:00:00	15.762	0.2308	3.7955	20.952	24.583	0.0000	0.0573	85.610	3.616	42.741	20.355	606.860	381.890	0.000
19/03/2019	18:00:00	8.979	0.3418	4.1220	20.334	24.572	0.0000	0.0450	66.199	3.133	46.619	19.387	606.980	236.550	0.000
19/03/2019	19:00:00	2.623	0.4537	4.8098	21.562	26.440	0.0000	0.0451	127.990	3.804	58.460	16.317	607.540	47.163	0.000
19/03/2019	20:00:00	2.177	0.4725	4.2569	17.874	22.148	0.0000	0.0343	114.720	4.383	66.411	13.781	608.170	2.380	0.000
19/03/2019	21:00:00	1.185	0.4262	3.0966	16.659	19.739	0.0000	0.0318	93.791	4.730	68.379	13.337	608.500	2.272	0.000
19/03/2019	22:00:00	2.018	0.4783	4.0708	16.331	20.306	0.0500	0.0341	81.217	3.774	72.457	12.622	609.060	2.280	0.000
19/03/2019	23:00:00	1.970	0.4611	3.8442	18.258	22.078	0.0000	0.0248	81.304	3.748	80.500	11.930	609.590	2.272	0.000

PROMEDIO 24 HORAS	5.183	0.40823	8.7851	33.001	41.764	0.10	0.0346
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	20/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
20/03/2019	00:00:00	3.264	0.4357	4.1838	17.739	21.870	0.0000	0.0313	71.131	3.466	92.522	11.003	609.870	2.305	0.000
20/03/2019	01:00:00	1.917	0.4780	3.5599	14.963	18.371	0.0000	0.0141	76.394	3.750	95.017	10.703	609.890	2.264	0.000
20/03/2019	02:00:00	2.116	0.4733	5.0473	24.031	29.145	0.0000	0.0154	71.115	2.649	94.169	10.825	609.890	2.136	0.000
20/03/2019	03:00:00	1.013	0.4250	7.5205	27.838	35.028	0.0000	0.0148	66.967	2.159	90.611	11.008	609.620	2.089	0.000
20/03/2019	04:00:00	1.089	0.4469	9.1548	40.893	50.258	0.0000	0.0111	79.691	1.842	83.886	11.280	609.410	2.165	0.000
20/03/2019	05:00:00	2.054	0.3816	13.3420	46.942	60.614	0.0000	0.0129	64.931	1.617	79.559	11.350	609.340	2.085	0.000
20/03/2019	06:00:00	5.962	0.3325	6.3297	35.782	42.361	0.0000	0.0158	70.478	1.641	88.573	10.890	609.430	2.065	0.000
20/03/2019	07:00:00	5.723	0.4298	10.9830	45.861	57.052	0.0000	0.0289	196.490	1.704	95.838	10.477	609.700	2.944	0.000
20/03/2019	08:00:00	3.620	0.5844	13.2220	47.151	60.165	0.0000	0.0261	298.850	1.519	96.231	10.638	610.230	51.767	0.000
20/03/2019	09:00:00	4.375	0.5349	11.2240	44.955	56.247	0.0000	0.0317	213.840	1.063	90.631	11.527	610.520	220.500	0.000
20/03/2019	10:00:00	6.755	0.5307	12.1760	38.916	51.465	0.0000	0.0438	214.950	0.960	72.211	12.939	610.840	404.260	0.000
20/03/2019	11:00:00	11.439	0.5526	6.9906	28.424	35.374	0.0318	0.0455	243.740	0.710	57.920	15.346	610.730	731.660	0.000
20/03/2019	12:00:00	11.946	0.5620	7.4801	24.966	32.028	0.0903	0.0524	175.040	1.133	47.156	17.988	610.390	840.880	0.000
20/03/2019	13:00:00	14.996	0.4386	4.1905	18.740	22.936	0.0000	0.0673	156.950	1.979	38.155	19.819	609.690	914.430	0.000
20/03/2019	14:00:00	15.994	0.4604	4.0315	17.809	21.820	0.0000	0.0461	111.610	2.444	34.813	21.417	608.960	853.550	0.000
20/03/2019	15:00:00	10.990	0.4462	4.1244	16.213	20.420	0.0000	0.0520	93.945	2.681	32.243	22.094	608.270	715.760	0.000
20/03/2019	16:00:00	12.585	0.4475	3.4221	18.638	22.088	0.1787	0.0424	85.772	2.745	29.065	22.933	607.690	635.720	0.000
20/03/2019	17:00:00	10.555	0.4290	3.7464	16.153	19.980	0.0000	0.0443	80.322	3.050	31.357	22.493	607.490	408.360	0.000
20/03/2019	18:00:00	4.686	0.5221	2.4387	12.602	15.007	0.0000	0.0401	84.659	4.569	38.686	20.922	607.720	150.460	0.000
20/03/2019	19:00:00	2.370	0.5091	1.8761	10.474	12.338	0.0000	0.0427	100.750	5.349	47.280	18.532	608.230	24.514	0.000
20/03/2019	20:00:00	2.701	0.5264	1.8023	11.920	13.689	0.0000	0.0526	105.240	4.879	52.499	17.055	608.920	2.494	0.000
20/03/2019	21:00:00	2.784	0.5364	1.7700	11.634	13.309	0.0000	0.0339	95.587	5.206	69.060	15.067	609.630	2.248	0.000
20/03/2019	22:00:00	2.836	0.5314	1.4754	11.587	13.043	0.0000	0.0387	97.945	5.219	76.581	13.850	610.140	2.336	0.000
20/03/2019	23:00:00	2.127	0.5461	1.9569	12.661	14.633	0.0000	0.0232	91.626	4.404	78.033	13.332	610.640	2.234	0.000

PROMEDIO 24 HORAS	5.996	0.48168	5.9187	24.871	30.802	0.01	0.0345
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	21/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
21/03/2019	00:00:00	2.870	0.5688	1.6318	13.045	14.654	0.0000	0.0245	90.804	4.374	82.505	13.027	610.920	2.234	0.000
21/03/2019	01:00:00	1.993	0.4901	2.5906	13.361	15.849	0.0000	0.0251	97.497	4.407	76.295	13.137	610.860	2.118	0.000
21/03/2019	02:00:00	3.191	0.4533	2.2805	12.897	15.212	0.0000	0.0221	99.577	3.648	70.955	13.281	610.780	2.127	0.000
21/03/2019	03:00:00	1.619	0.4535	3.3686	14.701	18.040	0.0000	0.0253	102.850	3.589	67.349	13.350	610.630	2.156	0.000
21/03/2019	04:00:00	3.767	0.4572	2.9205	15.125	18.145	0.0000	0.0253	83.581	3.116	67.271	13.131	610.530	2.096	0.000
21/03/2019	05:00:00	2.923	0.4635	5.7616	22.448	28.650	0.0000	0.0216	88.496	2.472	71.993	12.589	610.550	2.122	0.000
21/03/2019	06:00:00	1.795	0.4555	5.3950	23.537	28.991	0.3016	0.0197	91.390	2.749	71.926	12.399	610.750	2.158	0.000
21/03/2019	07:00:00	2.570	0.4774	4.8378	22.742	27.751	0.2117	0.0261	83.459	2.475	70.531	12.413	611.080	3.820	0.000
21/03/2019	08:00:00	2.716	0.5769	8.6305	31.599	40.397	0.0000	0.0239	87.533	2.338	68.080	12.895	611.510	102.450	0.000
21/03/2019	09:00:00	3.591	0.6267	10.2650	35.728	45.624	0.4543	0.0418	83.990	2.120	64.592	14.249	611.820	357.900	0.000
21/03/2019	10:00:00	3.408	0.6228	6.5999	18.158	24.380	0.1741	0.0557	83.282	3.065	59.666	15.012	611.970	478.510	0.000
21/03/2019	11:00:00	3.973	0.5710	5.6968	24.257	30.085	0.2014	0.0373	102.140	2.376	55.421	16.014	611.880	431.930	0.000
21/03/2019	12:00:00	4.161	0.5948	4.1686	15.983	20.147	0.3572	0.0396	83.126	3.426	53.274	17.167	611.560	656.260	0.000
21/03/2019	13:00:00	3.195	0.5315	2.4881	12.043	14.566	0.4598	0.0374	91.255	3.885	49.207	18.253	610.890	876.080	0.000
21/03/2019	14:00:00	3.307	0.4504	1.8544	12.849	14.659	0.3474	0.0447	94.394	4.213	46.468	18.939	610.190	842.300	0.000
21/03/2019	15:00:00	2.649	0.4019	1.8907	10.019	11.925	0.3909	0.0492	82.765	4.392	44.657	20.136	609.460	800.270	0.000
21/03/2019	16:00:00	3.481	0.3524	1.7206	10.076	11.794	0.0000	0.0476	76.179	4.826	44.414	20.577	608.690	662.070	0.000
21/03/2019	17:00:00	2.530	0.2969	1.8720	10.036	11.912	0.0000	0.0553	75.608	5.048	44.660	20.318	608.300	466.440	0.000
21/03/2019	18:00:00	2.278	0.2968	1.0400	8.701	9.668	0.0000	0.0521	78.725	5.853	46.485	19.316	608.190	247.700	0.000
21/03/2019	19:00:00	2.262	0.2928	1.3898	10.033	11.423	0.2045	0.0493	89.359	5.683	54.149	17.320	608.480	42.078	0.000
21/03/2019	20:00:00	1.787	0.3224	1.5019	11.039	12.689	0.0574	0.0501	90.703	5.116	65.132	15.514	608.980	2.401	0.000
21/03/2019	21:00:00	2.138	0.3406	1.8652	10.838	12.712	0.0722	0.0384	91.370	4.565	70.605	14.490	609.550	2.400	0.000
21/03/2019	22:00:00	2.510	0.3534	1.7583	11.267	13.054	0.1914	0.0257	92.131	4.669	76.310	13.938	610.130	2.293	0.000
21/03/2019	23:00:00	2.148	0.4097	2.3740	13.332	15.505	0.3155	0.0232	88.208	4.169	80.974	13.772	610.550	2.301	0.000

PROMEDIO 24 HORAS	2.786	0.45251	3.4959	15.992	19.493	0.16	0.0359
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:	22/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
22/03/2019	00:00:00	3.053	0.4046	3.3597	17.836	21.384	0.3516	0.0194	82.904	3.134	77.901	13.926	610.710	2.213	0.000
22/03/2019	01:00:00	1.751	0.3817	4.4730	20.469	24.759	0.3730	0.0127	89.633	2.820	81.133	13.650	610.740	2.107	0.000
22/03/2019	02:00:00	3.528	0.3862	3.1198	16.648	19.577	0.5785	0.0138	98.315	3.287	72.624	13.924	610.620	2.077	0.000
22/03/2019	03:00:00	1.950	0.3730	7.5891	28.760	36.501	0.5943	0.0131	78.841	2.075	75.321	13.613	610.420	2.224	0.000
22/03/2019	04:00:00	3.253	0.3762	4.6810	20.578	25.040	0.5624	0.0196	79.825	2.460	79.577	13.253	610.220	2.126	0.000
22/03/2019	05:00:00	2.127	0.3366	7.4099	28.545	35.911	0.5599	0.0105	72.009	2.128	84.480	12.952	609.870	2.141	0.000
22/03/2019	06:00:00	3.925	0.2848	13.8540	59.548	73.620	0.6886	0.0110	55.403	1.260	92.173	12.167	609.830	2.242	0.000
22/03/2019	07:00:00	1.052	0.4662	18.2240	58.898	77.138	0.9448	0.0125	51.942	1.092	94.611	11.680	610.120	4.711	0.000
22/03/2019	08:00:00	0.952	0.7320	22.5710	51.250	73.617	1.2465	0.0378	64.624	1.522	94.229	11.869	610.570	67.235	0.000
22/03/2019	09:00:00	1.528	0.7345	20.2870	57.105	77.575	1.3759	0.1190	40.701	0.850	84.366	13.471	611.010	133.190	0.000
22/03/2019	10:00:00	3.095	0.5746	17.5230	44.150	61.832	1.1997	0.0823	145.950	1.264	74.161	14.721	611.270	313.810	0.000
22/03/2019	11:00:00	3.558	0.5666	13.2060	39.328	52.781	0.8268	0.0575	140.290	0.866	60.287	17.159	610.960	663.100	0.000
22/03/2019	12:00:00	6.489	0.5292	10.8380	32.507	42.665	0.8916	0.0465	206.010	1.084	50.076	19.473	610.390	857.030	0.000
22/03/2019	13:00:00	8.994	0.5001	6.3605	24.759	31.430	1.1045	0.0460	158.900	1.264	42.737	21.441	609.490	931.160	0.000
22/03/2019	14:00:00	9.596	0.4256	5.0022	22.926	27.787	1.5996	0.0585	161.480	1.557	36.366	23.036	608.360	806.110	0.000
22/03/2019	15:00:00	3.566	0.4676	4.4786	21.663	26.283	0.7323	0.0634	139.040	2.075	31.995	24.038	607.380	661.490	0.000
22/03/2019	16:00:00	4.696	0.4406	3.2037	17.630	20.793	0.8499	0.0550	115.450	2.543	29.357	24.670	606.500	453.870	0.000
22/03/2019	17:00:00	3.154	0.3964	3.7274	21.505	25.326	0.9252	0.0628	142.330	2.186	26.206	25.671	605.970	532.460	0.000
22/03/2019	18:00:00	3.186	0.3849	3.8875	20.409	24.264	0.7488	0.0578	131.230	2.850	33.233	24.626	605.940	308.790	0.000
22/03/2019	19:00:00	1.775	0.3790	2.5454	10.853	13.457	0.5252	0.0409	94.528	5.063	49.928	20.520	606.430	42.226	0.000
22/03/2019	20:00:00	3.051	0.4044	2.2609	14.167	16.330	0.4867	0.0675	114.030	3.616	52.770	19.441	606.890	2.505	0.000
22/03/2019	21:00:00	2.899	0.4963	8.3792	28.006	36.322	0.8397	0.0411	80.656	2.770	60.811	18.214	607.680	2.262	0.000
22/03/2019	22:00:00	3.095	0.4392	5.5093	25.182	30.820	0.6843	0.0443	118.400	2.664	80.662	15.678	608.820	2.221	0.000
22/03/2019	23:00:00	3.772	0.4562	7.8096	27.338	34.679	0.9102	0.0406	96.676	2.786	92.612	14.708	609.650	2.119	0.000

PROMEDIO 24 HORAS	3.502	0.45568	8.3458	29.586	37.912	0.82	0.0431
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:	23/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
23/03/2019	00:00:00	2.330	0.4823	3.3952	12.645	15.996	0.9867	0.0201	99.566	3.906	96.917	13.832	609.780	2.224	0.000
23/03/2019	01:00:00	2.362	0.2877	3.6656	15.938	19.966	0.3656	0.0185	103.370	3.664	92.143	13.769	609.760	2.175	0.000
23/03/2019	02:00:00	1.936	0.2353	3.4393	16.072	19.576	0.0000	0.0093	95.820	2.833	91.986	13.601	609.500	2.135	0.000
23/03/2019	03:00:00	3.147	0.1263	14.5290	55.298	69.566	0.0000	0.0121	56.331	1.124	92.468	13.277	609.390	2.113	0.000
23/03/2019	04:00:00	3.744	0.1345	9.7102	51.199	60.797	0.2929	0.0204	56.547	1.068	95.430	12.567	609.360	2.116	0.000
23/03/2019	05:00:00	3.440	0.1495	13.9690	58.741	72.676	0.3592	0.0632	310.090	1.279	99.326	11.935	609.500	2.133	0.000
23/03/2019	06:00:00	3.029	0.1420	14.1090	66.684	80.543	0.1419	0.0527	241.950	0.645	100.000	11.425	609.830	2.058	0.000
23/03/2019	07:00:00	0.885	0.2297	16.7360	59.408	76.040	0.1378	0.0311	298.090	0.694	100.000	11.245	610.260	5.054	0.000
23/03/2019	08:00:00	2.262	0.2969	22.8880	80.180	103.120	0.0013	0.0279	249.280	0.249	98.080	12.134	610.550	141.000	0.000
23/03/2019	09:00:00	4.097	0.4271	15.5680	48.523	63.745	0.1119	0.0376	130.850	0.794	79.434	14.362	610.800	368.230	0.000
23/03/2019	10:00:00	5.972	0.5387	13.5530	41.492	55.140	0.4804	0.0392	129.740	1.413	60.899	16.902	611.030	555.590	0.000
23/03/2019	11:00:00	7.065	0.3864	7.9520	27.851	35.771	0.8351	0.1110	237.450	1.040	39.154	20.311	610.710	756.390	0.000
23/03/2019	12:00:00	6.731	0.3551	6.5852	23.360	30.054	0.3941	0.0433	179.220	1.497	24.961	22.609	610.260	885.000	0.000
23/03/2019	13:00:00	6.152	0.3635	7.1053	21.613	28.535	0.0260	0.0281	200.720	2.180	16.495	23.911	609.490	944.500	0.000
23/03/2019	14:00:00	6.601	0.3035	4.6949	17.765	22.460	0.0000	0.0310	187.710	2.493	12.916	25.045	608.720	930.890	0.000
23/03/2019	15:00:00	7.826	0.3083	4.6019	16.551	21.236	0.0000	0.0320	190.230	2.260	10.856	25.789	608.020	845.440	0.000
23/03/2019	16:00:00	6.558	0.3333	4.4912	17.762	22.264	0.0000	0.0319	207.960	2.627	8.564	26.746	607.460	705.920	0.000
23/03/2019	17:00:00	5.737	0.3111	3.5798	16.417	19.881	0.0079	0.0237	219.040	1.979	8.242	27.023	607.160	505.140	0.000
23/03/2019	18:00:00	6.012	0.3541	2.5436	13.011	15.572	0.0000	0.0194	212.600	1.848	8.236	26.856	607.170	278.150	0.000
23/03/2019	19:00:00	6.728	0.3639	1.4846	11.821	13.241	0.0000	0.0110	287.450	1.534	8.175	25.773	607.530	43.361	0.000
23/03/2019	20:00:00	3.768	0.5043	2.2938	22.977	25.221	0.0000	0.0102	223.790	1.437	12.187	23.763	608.040	2.490	0.000
23/03/2019	21:00:00	3.267	0.5510	4.8100	20.430	25.016	0.0000	0.0559	79.930	3.111	43.237	21.145	608.820	2.199	0.000
23/03/2019	22:00:00	1.836	0.5081	5.2916	19.441	24.892	0.0000	0.0559	104.110	3.204	63.835	19.129	609.600	2.220	0.000
23/03/2019	23:00:00	2.227	0.5403	8.2377	29.934	38.019	0.0000	0.0537	119.000	1.885	66.771	18.396	609.820	2.132	0.000

PROMEDIO 24 HORAS	4.321	0.34304	8.1347	31.880	39.972	0.17	0.0350
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	24/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/03/2019	00:00:00	1.607	0.5280	14.5740	56.541	71.162	0.0000	0.0407	102.990	0.943	66.229	17.959	609.900	2.218	0.000
24/03/2019	01:00:00	CAL	0.5811	23.3690	82.766	105.760	0.5068	0.0396	65.504	0.635	69.856	16.927	609.880	2.204	0.000
24/03/2019	02:00:00	2.186	0.6228	CAL	CAL	CAL	1.0314	0.0529	56.314	1.065	81.806	15.557	610.020	2.237	0.000
24/03/2019	03:00:00	2.671	CAL	18.3190	63.923	82.034	1.2497	0.0413	195.340	0.694	93.075	14.434	609.850	2.102	0.000
24/03/2019	04:00:00	3.316	0.4566	10.2240	43.914	53.956	AE	0.0420	314.960	1.302	99.313	13.495	609.810	2.086	0.000
24/03/2019	05:00:00	3.238	0.3159	14.8740	57.044	72.219	0.2574	0.0286	311.760	0.880	100.000	12.966	609.980	2.216	0.000
24/03/2019	06:00:00	3.377	0.2363	8.7935	45.320	54.002	0.1242	0.0224	310.870	1.346	100.000	12.107	610.220	2.165	0.000
24/03/2019	07:00:00	4.136	0.2297	6.7647	37.214	43.940	0.0000	0.0130	287.780	1.106	100.000	11.860	610.720	3.392	0.000
24/03/2019	08:00:00	4.764	0.2773	7.7285	37.846	45.195	0.0000	0.0275	296.940	1.385	100.000	12.560	611.040	62.634	0.000
24/03/2019	09:00:00	5.732	0.3382	10.6650	47.113	58.047	0.0000	0.0277	234.660	0.839	98.740	13.798	611.470	202.310	0.000
24/03/2019	10:00:00	4.002	0.4973	11.2830	36.078	47.021	0.1487	0.0331	127.380	0.713	76.452	16.425	611.610	572.390	0.000
24/03/2019	11:00:00	4.063	0.5372	10.6340	39.248	50.001	0.2043	0.0439	147.160	0.758	58.655	19.258	611.430	750.560	0.000
24/03/2019	12:00:00	5.475	0.5772	6.4532	28.851	35.292	0.1333	0.0765	112.940	1.286	38.402	22.305	611.000	873.780	0.000
24/03/2019	13:00:00	6.010	0.4877	3.6136	18.836	22.373	0.3262	0.0803	131.770	1.097	22.880	24.969	610.300	934.540	0.000
24/03/2019	14:00:00	5.588	0.4772	3.1325	20.548	23.390	0.1722	0.0593	158.340	1.588	18.383	26.135	609.500	916.840	0.000
24/03/2019	15:00:00	7.053	0.4039	2.1598	17.642	19.654	0.2748	0.0435	174.710	1.944	16.833	27.164	608.830	828.850	0.000
24/03/2019	16:00:00	4.196	0.4280	1.6344	13.710	15.445	0.2383	0.0528	119.860	2.112	15.376	27.962	608.190	685.980	0.000
24/03/2019	17:00:00	4.145	0.4928	0.7877	11.581	12.405	0.4986	0.0457	109.330	2.109	14.637	28.426	607.720	482.490	0.000
24/03/2019	18:00:00	3.510	0.4318	1.6090	12.611	14.207	0.4671	0.0429	86.025	2.294	14.290	28.401	607.660	256.810	0.000
24/03/2019	19:00:00	3.627	0.4264	1.2025	10.937	12.149	0.5760	0.0359	70.558	3.169	19.760	26.784	607.730	39.710	0.000
24/03/2019	20:00:00	3.039	0.4098	1.5112	11.422	12.950	0.1068	0.0490	96.844	3.984	26.373	24.417	608.370	2.499	0.000
24/03/2019	21:00:00	3.293	0.4389	2.3297	14.088	16.287	0.3990	0.0572	117.920	3.664	29.438	23.243	608.960	2.190	0.000
24/03/2019	22:00:00	2.806	0.4380	1.9025	11.248	13.240	0.2884	0.0430	85.838	3.999	41.975	21.515	609.740	2.224	0.000
24/03/2019	23:00:00	2.754	0.4688	2.8747	17.420	20.568	0.1236	0.0419	94.017	2.704	44.504	20.485	610.070	2.161	0.000

PROMEDIO 24 HORAS	3.939	0.43917	7.2365	31.996	39.187	0.31	0.0434
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:	25/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
25/03/2019	00:00:00	2.477	0.5195	8.6487	34.982	43.331	0.5280	0.0406	90.103	1.569	44.032	19.799	610.190	2.186	0.000
25/03/2019	01:00:00	2.657	0.5209	7.5604	32.343	40.284	0.3876	0.0466	122.870	2.103	38.487	20.036	609.940	2.242	0.000
25/03/2019	02:00:00	2.977	0.5156	18.1620	71.896	89.659	1.5319	0.0315	218.220	0.818	44.483	17.960	609.770	2.136	0.000
25/03/2019	03:00:00	1.580	0.5433	15.2480	63.930	79.343	1.8833	0.0617	312.590	1.040	50.979	16.543	609.600	2.114	0.000
25/03/2019	04:00:00	3.227	0.3849	15.2830	68.692	83.961	1.4059	0.0630	264.170	0.906	54.135	15.137	609.570	2.216	0.000
25/03/2019	05:00:00	4.320	0.3297	13.7710	59.700	73.404	1.1420	0.0399	322.210	0.307	60.937	14.648	609.480	2.234	0.000
25/03/2019	06:00:00	3.464	0.3433	16.4640	74.782	91.240	1.0930	0.0459	320.400	0.629	65.910	13.632	609.660	2.067	0.000
25/03/2019	07:00:00	2.075	0.6449	31.9840	74.926	106.430	1.0138	0.0443	321.060	0.507	75.215	13.022	610.010	6.654	0.000
25/03/2019	08:00:00	2.669	1.1287	41.3640	66.085	107.060	1.3896	0.0566	326.420	1.072	71.816	13.446	610.480	145.780	0.000
25/03/2019	09:00:00	6.390	0.5990	14.4320	42.025	56.535	1.2140	0.0928	95.496	0.768	69.804	15.144	610.890	368.870	0.000
25/03/2019	10:00:00	5.967	0.6090	14.1360	40.520	54.758	1.2144	0.0723	93.749	0.716	55.779	17.958	611.120	575.930	0.000
25/03/2019	11:00:00	4.465	0.6501	12.3420	30.197	42.825	1.4266	0.0915	104.500	0.820	41.561	21.402	610.970	743.530	0.000
25/03/2019	12:00:00	4.950	0.6564	7.1139	28.597	35.862	1.2732	0.0890	156.800	0.794	29.336	24.243	610.570	876.760	0.000
25/03/2019	13:00:00	5.885	0.5400	4.6983	21.818	26.557	1.1037	0.0628	181.810	1.135	20.784	26.225	609.950	937.920	0.000
25/03/2019	14:00:00	5.560	0.5254	2.1404	14.627	16.795	1.1386	0.0549	121.510	1.686	15.535	27.797	609.190	918.460	0.000
25/03/2019	15:00:00	9.554	0.4479	2.6506	17.915	20.766	0.9862	0.0489	159.610	1.853	17.249	28.327	608.340	821.030	0.000
25/03/2019	16:00:00	5.230	0.5086	1.5730	10.531	12.115	1.1005	0.0558	115.050	3.291	16.493	28.981	607.610	661.960	0.000
25/03/2019	17:00:00	3.499	0.4481	1.9579	11.515	13.435	1.0845	0.0878	81.038	3.974	17.964	28.660	607.500	470.670	0.000
25/03/2019	18:00:00	1.617	0.3896	1.1204	9.569	10.683	1.1943	0.0592	80.781	5.785	17.007	27.645	607.600	253.610	0.000
25/03/2019	19:00:00	3.475	0.3558	1.1792	9.025	10.206	0.8678	0.0627	87.066	5.787	27.697	25.215	608.030	37.678	0.000
25/03/2019	20:00:00	2.941	0.4010	1.1959	9.687	10.869	1.1420	0.1250	105.500	5.974	32.979	22.456	608.890	2.533	0.000
25/03/2019	21:00:00	2.799	0.3873	1.2142	9.650	10.847	0.7683	0.1036	106.430	5.382	34.730	20.735	609.570	2.242	0.000
25/03/2019	22:00:00	2.147	0.4152	1.4441	11.649	13.061	0.8955	0.0611	96.230	4.599	38.236	19.333	610.160	2.207	0.000
25/03/2019	23:00:00	2.916	0.4209	1.7229	11.649	13.276	1.3808	0.0433	96.161	4.279	45.222	17.893	610.590	2.282	0.000

PROMEDIO 24 HORAS	3.868	0.51187	9.8919	34.430	44.304	1.13	0.0642
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:	26/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
26/03/2019	00:00:00	2.841	0.3820	2.0466	12.397	14.525	1.0227	0.0385	78.780	3.792	52.889	16.522	610.750	2.186	0.000
26/03/2019	01:00:00	2.811	0.4912	2.1040	12.241	14.424	0.7028	0.0323	81.574	3.815	66.247	15.379	610.920	2.147	0.000
26/03/2019	02:00:00	3.364	0.4861	3.6868	18.142	21.917	0.4388	0.0328	83.955	3.060	69.500	14.810	610.820	1.998	0.000
26/03/2019	03:00:00	3.584	0.4874	4.9363	19.494	24.476	0.0490	0.0355	74.885	2.878	73.372	14.063	610.670	2.132	0.000
26/03/2019	04:00:00	4.750	0.4181	8.3202	33.259	41.592	0.3744	0.0286	71.009	2.227	73.911	13.446	610.590	2.133	0.000
26/03/2019	05:00:00	6.011	0.3453	12.3480	51.476	63.894	0.2453	0.0279	66.388	1.264	76.834	12.947	610.590	2.113	0.000
26/03/2019	06:00:00	5.746	0.3475	14.9540	64.078	79.240	0.3485	0.0288	59.553	1.122	83.572	12.380	610.770	2.081	0.000
26/03/2019	07:00:00	3.389	0.5349	19.4450	73.398	93.063	0.6166	0.0253	50.133	0.760	89.018	11.998	611.100	6.817	0.000
26/03/2019	08:00:00	2.187	0.9692	25.4670	61.575	87.234	1.5699	0.0502	125.900	1.305	87.728	12.227	611.490	129.150	0.000
26/03/2019	09:00:00	3.916	0.7018	11.7060	26.605	38.157	0.7871	0.1524	69.447	2.486	69.635	14.607	611.980	358.090	0.000
26/03/2019	10:00:00	4.822	0.5862	8.5280	26.237	34.427	0.4169	0.0629	86.076	2.268	58.151	16.313	612.310	584.260	0.000
26/03/2019	11:00:00	4.163	0.6132	5.9992	19.079	25.310	0.2699	0.0492	94.725	2.633	48.173	17.979	612.290	709.440	0.000
26/03/2019	12:00:00	4.276	0.6033	3.9214	16.033	19.875	0.2127	0.0452	91.135	2.913	41.084	20.224	611.950	808.020	0.000
26/03/2019	13:00:00	4.736	0.5444	2.6056	12.055	14.670	0.1403	0.0537	75.258	3.845	37.963	21.590	611.370	862.020	0.000
26/03/2019	14:00:00	5.761	0.4993	1.8843	9.390	11.272	0.4245	0.0485	67.749	4.707	36.446	22.438	610.880	805.490	0.000
26/03/2019	15:00:00	3.261	0.4750	1.4577	8.993	10.474	0.2203	0.0647	83.007	5.187	33.619	22.648	610.420	722.980	0.000
26/03/2019	16:00:00	2.704	0.4252	1.3350	8.408	9.776	0.1603	0.0554	75.351	5.667	34.462	22.348	610.120	564.650	0.000
26/03/2019	17:00:00	3.176	0.3955	1.3159	7.627	8.949	0.0833	0.0539	75.013	5.735	36.619	21.818	609.930	416.960	0.000
26/03/2019	18:00:00	3.023	0.4156	1.0190	7.506	8.520	0.3791	0.0692	81.705	6.248	40.149	20.710	610.200	257.350	0.000
26/03/2019	19:00:00	2.612	0.4125	0.9599	8.409	9.355	0.0748	0.0676	83.572	6.146	48.460	18.452	610.700	40.505	0.000
26/03/2019	20:00:00	2.371	0.4776	1.2819	9.837	11.098	0.1887	0.0688	92.937	5.412	54.781	16.899	611.250	2.302	0.000
26/03/2019	21:00:00	2.680	0.5200	1.1786	9.325	10.514	0.1617	0.0512	91.045	5.554	60.124	15.813	611.740	2.139	0.000
26/03/2019	22:00:00	2.497	0.5431	1.6134	10.648	12.218	0.4953	0.0463	100.420	5.404	65.635	14.961	612.010	2.169	0.000
26/03/2019	23:00:00	2.368	0.5414	3.0445	15.525	18.372	0.4086	0.0420	101.050	3.561	68.062	14.460	612.470	2.207	0.000

PROMEDIO 24 HORAS	3.627	0.50899	5.8816	22.572	28.473	0.41	0.0513
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:	27/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
27/03/2019	00:00:00	1.941	0.5550	3.7251	17.709	21.447	0.2149	0.0340	112.010	3.477	67.935	14.339	612.430	2.256	0.000
27/03/2019	01:00:00	3.116	0.4274	7.3666	30.472	38.346	AE	0.0341	103.180	2.627	67.844	14.148	612.130	2.072	0.000
27/03/2019	02:00:00	2.728	0.3862	4.6822	18.552	23.274	0.2348	0.0359	86.966	2.887	70.161	13.537	612.040	2.082	0.000
27/03/2019	03:00:00	2.545	0.3700	5.5358	23.067	28.679	0.5492	0.0310	106.540	2.707	69.010	13.724	611.760	2.186	0.000
27/03/2019	04:00:00	2.708	0.3697	5.7501	23.708	29.453	0.4834	0.0287	100.240	2.645	68.847	14.172	611.460	2.118	0.000
27/03/2019	05:00:00	3.108	0.3550	5.7825	22.004	27.502	0.2851	0.0301	104.910	2.920	70.282	14.179	611.310	2.094	0.000
27/03/2019	06:00:00	2.711	0.3212	9.6250	38.126	48.122	0.3787	0.0183	106.860	1.905	67.858	14.382	611.490	2.220	0.000
27/03/2019	07:00:00	4.081	0.3350	13.2260	53.286	66.237	0.4996	0.0175	133.910	1.863	65.327	14.360	611.690	8.896	0.000
27/03/2019	08:00:00	4.689	0.4898	13.0900	48.345	61.782	0.3466	0.0165	82.321	1.637	69.462	13.890	612.100	111.410	0.000
27/03/2019	09:00:00	6.034	0.5811	11.9220	36.138	48.317	0.7604	0.0504	270.960	1.805	67.375	14.622	612.520	355.700	0.000
27/03/2019	10:00:00	8.242	0.4979	9.8666	36.859	46.813	0.8235	0.0895	207.280	1.391	59.342	16.335	612.650	543.820	0.000
27/03/2019	11:00:00	9.248	0.4752	6.7859	32.322	38.991	1.0429	0.0616	198.070	1.168	52.836	18.006	612.640	716.650	0.000
27/03/2019	12:00:00	11.238	0.4489	4.9072	27.083	32.003	0.8762	0.0709	176.540	1.443	47.078	19.604	612.270	770.520	0.000
27/03/2019	13:00:00	13.101	0.4394	3.7109	23.522	27.147	0.6304	0.0613	117.680	1.716	40.875	21.397	611.710	872.580	0.000
27/03/2019	14:00:00	13.757	0.3782	3.0370	18.022	21.105	0.7100	0.0769	142.120	2.209	38.328	22.561	610.980	850.080	0.000
27/03/2019	15:00:00	11.233	0.3615	3.2380	21.761	24.996	0.6823	0.0837	102.550	1.677	35.238	23.576	610.250	668.740	0.000
27/03/2019	16:00:00	5.329	0.3869	2.6179	13.715	16.363	0.8465	0.0771	79.704	2.823	34.940	24.246	609.670	651.240	0.000
27/03/2019	17:00:00	3.348	0.4000	2.1530	11.572	13.701	0.4196	0.0557	75.837	3.901	34.746	24.067	609.450	443.560	0.000
27/03/2019	18:00:00	2.486	0.4104	1.7260	10.208	11.934	0.8409	0.0483	79.290	4.388	36.119	22.787	609.680	244.590	0.000
27/03/2019	19:00:00	2.299	0.3843	1.6501	10.439	12.085	0.7812	0.0555	86.669	4.559	40.520	20.588	609.980	29.745	0.000
27/03/2019	20:00:00	1.958	0.4192	2.1611	12.894	15.204	0.6654	0.0501	99.422	3.990	46.791	18.303	610.450	2.417	0.000
27/03/2019	21:00:00	1.871	0.4131	2.2243	12.642	14.797	0.4222	0.0470	95.530	4.410	56.586	16.274	611.020	2.212	0.000
27/03/2019	22:00:00	2.202	0.4429	2.7001	14.093	16.645	0.6892	0.0583	88.616	4.041	63.885	14.941	611.520	2.258	0.000
27/03/2019	23:00:00	2.479	0.4398	3.2985	17.284	20.714	0.5877	0.0454	72.053	3.474	68.495	13.953	611.760	2.133	0.000

PROMEDIO 24 HORAS	5.102	0.42033	5.4492	23.909	29.402	0.60	0.0491
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	28/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
28/03/2019	00:00:00	2.476	0.4498	3.4712	15.859	19.288	0.7229	0.0289	77.592	3.245	69.557	13.605	611.870	2.171	0.000
28/03/2019	01:00:00	2.542	0.4066	8.9172	37.352	46.310	0.2574	0.0312	80.680	2.103	71.829	13.055	611.860	2.118	0.000
28/03/2019	02:00:00	7.097	0.2986	8.8667	42.008	50.972	0.0000	0.0315	40.156	0.774	76.421	12.404	611.610	2.160	0.000
28/03/2019	03:00:00	7.961	0.3375	8.5301	41.258	49.657	0.0000	0.0265	47.523	1.193	82.554	11.725	611.390	2.160	0.000
28/03/2019	04:00:00	6.352	0.3509	9.3564	45.108	54.395	0.0451	0.0580	120.310	1.523	89.059	10.967	611.080	2.127	0.000
28/03/2019	05:00:00	3.369	0.4620	13.5380	61.567	75.077	0.1089	0.0772	328.570	1.084	92.807	10.627	611.100	2.194	0.000
28/03/2019	06:00:00	4.012	0.3194	10.8890	51.883	62.665	0.0000	0.0810	311.620	1.079	94.314	10.291	611.080	2.277	0.000
28/03/2019	07:00:00	2.160	0.4421	14.7420	57.758	72.357	0.0000	0.0417	303.990	0.942	94.648	10.059	611.350	7.413	0.000
28/03/2019	08:00:00	2.596	0.8975	30.1490	65.825	96.164	0.1293	0.0467	208.120	0.726	91.886	10.869	611.780	141.880	0.000
28/03/2019	09:00:00	5.393	0.6028	19.4310	60.395	80.013	0.0000	0.0871	86.202	0.674	78.450	13.183	612.040	365.080	0.000
28/03/2019	10:00:00	4.155	0.7735	20.4170	54.139	74.321	0.3830	0.0753	124.860	0.852	59.806	15.977	612.030	566.090	0.000
28/03/2019	11:00:00	4.699	0.9195	18.6770	48.653	67.604	0.1559	0.1110	140.920	1.217	49.293	18.536	611.830	733.610	0.000
28/03/2019	12:00:00	5.641	0.9327	14.2390	49.928	63.766	0.3518	0.1236	137.590	0.976	37.384	21.585	611.290	854.060	0.000
28/03/2019	13:00:00	4.220	0.8313	8.2544	30.400	38.876	0.2364	0.1141	126.570	1.785	27.955	24.493	610.530	911.080	0.000
28/03/2019	14:00:00	3.611	0.7598	4.6732	22.204	26.758	0.0051	0.1001	110.610	2.741	17.093	26.656	609.610	898.080	0.000
28/03/2019	15:00:00	5.192	0.6310	2.6211	17.202	19.890	0.0000	0.0651	103.340	2.286	14.562	27.592	608.880	813.250	0.000
28/03/2019	16:00:00	6.734	0.5675	2.1982	16.232	18.339	0.0000	0.0742	102.850	1.809	13.964	28.433	608.300	657.890	0.000
28/03/2019	17:00:00	9.161	0.4959	1.6057	16.343	17.831	0.0000	0.0777	93.409	1.727	14.425	28.743	607.760	479.690	0.000
28/03/2019	18:00:00	3.780	0.5632	1.5471	10.369	11.908	0.0000	0.0465	85.354	5.159	24.034	27.256	607.610	245.880	0.000
28/03/2019	19:00:00	2.347	0.5277	1.4862	10.911	12.372	0.0000	0.0607	99.169	5.023	24.214	25.255	607.770	29.320	0.000
28/03/2019	20:00:00	2.453	0.4982	1.7266	11.345	13.169	0.0000	0.0790	95.448	4.755	20.716	23.476	608.350	2.592	0.000
28/03/2019	21:00:00	1.953	0.5310	3.1797	19.325	22.434	0.0000	0.0609	99.947	2.935	26.784	22.500	608.800	2.276	0.000
28/03/2019	22:00:00	1.887	0.6901	10.6770	45.005	55.201	0.0106	0.0449	93.164	1.129	33.109	21.443	609.120	2.320	0.000
28/03/2019	23:00:00	0.993	0.9931	27.5590	67.513	95.299	0.7552	0.0599	94.803	0.535	37.827	19.990	609.230	2.180	0.000

PROMEDIO 24 HORAS	4.199	0.59507	10.2813	37.441	47.694	0.13	0.0668
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	29/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
29/03/2019	00:00:00	1.827	0.5968	14.2420	62.938	77.092	0.9706	0.0902	129.500	0.545	42.520	18.775	609.230	2.205	0.000
29/03/2019	01:00:00	1.462	0.6702	15.3350	66.662	82.181	0.5261	0.0609	190.450	0.739	47.027	17.748	609.030	2.175	0.000
29/03/2019	02:00:00	4.619	0.4598	8.2145	39.197	47.102	0.6232	0.1043	308.410	2.219	57.713	15.604	608.950	2.148	0.000
29/03/2019	03:00:00	7.583	0.3257	9.5734	42.826	52.650	0.0092	0.0662	199.850	1.102	90.204	13.141	608.880	2.122	0.000
29/03/2019	04:00:00	6.627	0.2934	9.4959	41.835	51.352	0.0500	0.0369	297.710	0.724	92.718	13.151	608.370	2.093	0.000
29/03/2019	05:00:00	4.298	0.3149	14.5040	61.289	75.520	0.1983	0.0317	326.970	0.380	83.693	13.355	608.240	2.118	0.000
29/03/2019	06:00:00	2.903	0.3475	14.2180	61.105	75.310	0.0611	0.0330	333.080	0.724	84.960	12.450	608.610	2.130	0.000
29/03/2019	07:00:00	2.020	0.4637	22.1230	83.897	106.150	0.2079	0.0353	32.038	0.006	98.968	11.782	608.960	7.154	0.000
29/03/2019	08:00:00	2.676	0.6021	21.4760	67.178	88.627	0.0844	0.0531	43.460	0.147	99.864	12.418	609.190	138.940	0.000
29/03/2019	09:00:00	2.682	0.6769	19.8930	57.215	77.273	0.3300	0.0927	76.748	0.358	79.595	15.034	609.250	358.340	0.000
29/03/2019	10:00:00	2.242	0.9849	24.7650	52.271	77.096	0.1332	0.1046	98.677	0.994	56.163	18.630	609.160	575.470	0.000
29/03/2019	11:00:00	3.623	0.8996	14.2750	37.068	51.347	0.0000	0.1071	103.690	0.787	37.174	22.965	609.030	743.430	0.000
29/03/2019	12:00:00	4.577	0.7430	6.4087	22.663	29.035	0.1836	0.1111	135.630	0.880	22.944	26.144	608.520	869.860	0.000
29/03/2019	13:00:00	8.134	0.6368	3.1588	18.773	21.916	0.3368	0.0655	146.570	1.129	18.676	27.601	607.720	915.760	0.000
29/03/2019	14:00:00	8.068	0.5550	2.7462	17.310	20.025	0.0350	0.0533	209.010	2.735	14.074	29.270	606.890	904.440	0.000
29/03/2019	15:00:00	10.692	0.4515	1.6389	12.780	14.415	0.0000	0.0537	240.540	2.028	11.298	30.304	606.120	828.650	0.000
29/03/2019	16:00:00	18.559	0.3584	1.4598	11.726	13.193	0.0000	0.0374	279.560	3.041	10.355	30.835	605.340	679.090	0.000
29/03/2019	17:00:00	16.072	0.4267	1.9310	13.678	15.583	0.1408	0.0407	261.940	2.917	9.715	30.904	605.110	447.940	0.000
29/03/2019	18:00:00	14.317	0.4591	1.6041	12.184	13.803	0.0668	0.0389	291.740	2.000	10.753	30.050	605.210	188.490	0.000
29/03/2019	19:00:00	11.812	0.5853	0.6694	14.325	14.961	0.0422	0.0396	300.230	1.607	11.353	29.401	605.240	48.442	0.000
29/03/2019	20:00:00	4.398	0.7971	1.9455	27.702	29.754	0.0000	0.0456	201.130	1.706	16.934	27.491	605.650	2.924	0.000
29/03/2019	21:00:00	1.910	0.7370	2.4862	15.122	17.544	0.1983	0.0703	100.260	3.960	32.325	24.729	606.300	2.200	0.000
29/03/2019	22:00:00	2.093	0.7311	3.4475	22.701	26.259	0.0685	0.0719	110.290	2.990	39.400	23.422	606.710	2.209	0.000
29/03/2019	23:00:00	2.465	0.9284	9.6243	50.756	60.314	0.2508	0.0645	180.350	1.482	40.472	22.173	606.950	2.080	0.000

PROMEDIO 24 HORAS	6.069	0.58519	9.3848	38.050	47.438	0.19	0.0628
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	30/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
30/03/2019	00:00:00	5.050	0.6945	10.0610	47.399	57.470	0.2396	0.1121	250.720	1.125	51.967	19.542	607.080	2.197	0.000
30/03/2019	01:00:00	2.791	0.7013	17.8110	72.021	89.261	0.1539	0.0783	308.870	0.297	59.091	18.574	606.990	2.187	0.000
30/03/2019	02:00:00	2.792	0.6208	12.7180	55.394	67.889	0.9036	0.0694	174.380	1.012	64.318	17.335	606.820	2.175	0.000
30/03/2019	03:00:00	9.047	0.3043	7.0954	34.239	41.483	0.8331	0.0785	320.440	1.553	90.365	14.722	606.580	2.086	0.000
30/03/2019	04:00:00	8.663	0.3426	8.4286	42.797	51.310	0.8492	0.0446	308.020	1.134	90.588	14.613	606.620	2.165	0.000
30/03/2019	05:00:00	4.297	0.4173	17.1120	73.348	90.186	1.2401	0.0515	287.770	0.199	84.909	14.516	606.600	2.186	0.000
30/03/2019	06:00:00	3.190	0.4432	20.3720	80.351	100.650	1.1596	0.0614	66.227	0.222	89.578	13.652	606.740	2.225	0.000
30/03/2019	07:00:00	2.123	0.5941	28.4270	87.712	115.990	0.9952	0.0705	42.879	0.149	91.227	13.262	606.930	9.618	0.000
30/03/2019	08:00:00	1.319	1.0096	34.4980	66.599	101.000	1.0886	0.0824	249.740	0.161	78.838	14.173	607.300	156.670	0.000
30/03/2019	09:00:00	2.663	1.2054	35.5540	71.290	107.060	1.4582	0.1028	77.356	0.259	63.816	17.241	607.670	374.240	0.000
30/03/2019	10:00:00	2.812	1.0644	25.7510	49.197	74.703	1.5350	0.1591	118.180	1.022	33.648	21.725	607.710	587.920	0.000
30/03/2019	11:00:00	3.271	0.9538	15.6440	41.703	57.454	1.1619	0.1123	129.370	1.236	22.359	24.196	607.530	751.380	0.000
30/03/2019	12:00:00	4.189	0.8731	8.7743	27.260	36.364	0.9960	0.1074	110.120	1.516	15.384	26.526	606.940	888.510	0.000
30/03/2019	13:00:00	6.398	0.7736	4.7056	21.632	26.188	1.3304	0.0783	168.070	1.695	10.193	28.557	606.190	966.860	0.000
30/03/2019	14:00:00	8.040	0.5809	4.3340	20.284	24.569	0.6957	0.0507	212.800	2.883	6.366	30.150	605.410	895.970	0.000
30/03/2019	15:00:00	11.427	0.4887	3.1752	15.907	19.074	1.0305	0.0304	224.950	3.199	6.268	31.006	604.540	858.220	0.000
30/03/2019	16:00:00	10.815	0.4855	3.0191	15.868	18.889	1.1810	0.0328	220.110	3.336	6.433	31.451	604.000	711.080	0.000
30/03/2019	17:00:00	11.570	0.4841	3.2607	17.543	20.786	0.9349	0.0293	236.470	3.140	5.997	31.528	603.790	505.780	0.000
30/03/2019	18:00:00	11.275	0.4886	2.6907	15.878	18.596	0.8512	0.0336	236.020	2.794	6.320	30.989	603.970	249.780	0.000
30/03/2019	19:00:00	10.965	0.6580	0.8320	14.604	15.510	0.7467	0.0242	216.430	1.680	6.878	29.792	604.300	35.976	0.000
30/03/2019	20:00:00	8.235	0.7974	1.1189	26.836	27.966	1.4187	0.0275	242.440	1.806	8.079	28.333	604.780	2.430	0.000
30/03/2019	21:00:00	3.642	0.8106	4.2490	27.706	31.879	0.8093	0.0401	116.160	2.278	27.890	25.257	605.480	2.247	0.000
30/03/2019	22:00:00	2.321	0.7962	3.1727	15.216	18.394	0.9276	0.0910	108.970	3.951	52.982	21.821	606.330	2.248	0.000
30/03/2019	23:00:00	2.488	0.7370	2.2498	12.681	14.951	1.2957	0.1102	107.200	4.922	65.934	19.048	607.000	2.140	0.000

PROMEDIO 24 HORAS	5.808	0.68021	11.4606	39.728	51.151	0.99	0.0699
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:	31/03/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
31/03/2019	00:00:00	2.369	0.7004	1.9695	13.311	15.183	1.0480	0.1441	101.240	4.564	69.434	18.004	607.520	2.192	0.000
31/03/2019	01:00:00	CAL	0.6718	2.8809	15.387	18.305	0.7818	0.0749	127.490	4.732	65.080	18.268	607.610	2.178	0.000
31/03/2019	02:00:00	5.154	0.7344	CAL	CAL	CAL	0.7997	0.0700	136.510	4.339	67.190	17.522	607.700	2.059	0.000
31/03/2019	03:00:00	4.215	CAL	3.9396	18.874	22.644	0.4778	0.0505	126.260	3.986	68.468	17.103	607.690	2.213	0.000
31/03/2019	04:00:00	2.787	0.8208	6.1158	24.487	30.582	CAL	0.0453	105.050	2.853	70.664	16.546	607.560	2.196	0.000
31/03/2019	05:00:00	3.272	0.7344	5.0372	21.458	26.656	0.0000	0.0455	82.765	2.861	73.949	15.819	607.630	2.090	0.000
31/03/2019	06:00:00	2.972	0.6755	3.7913	18.997	22.660	0.1434	0.0428	86.648	3.033	78.513	15.186	607.880	2.026	0.000
31/03/2019	07:00:00	2.677	0.6653	4.6247	21.544	26.184	0.0799	0.0390	97.826	2.915	76.693	15.109	608.300	7.014	0.000
31/03/2019	08:00:00	2.788	0.6887	7.5291	31.994	39.653	0.1551	0.0416	86.465	2.219	72.403	15.733	608.840	113.520	0.000
31/03/2019	09:00:00	1.910	0.6988	3.7336	16.240	20.070	0.2759	0.0606	104.360	3.529	67.595	16.446	609.270	159.700	0.000
31/03/2019	10:00:00	2.850	0.6824	3.6806	17.239	21.006	0.0000	0.0528	120.860	3.612	60.350	17.738	609.570	414.930	0.000
31/03/2019	11:00:00	2.483	0.6972	2.7885	13.941	16.785	0.1222	0.0586	112.580	4.040	53.041	19.240	609.440	741.550	0.000
31/03/2019	12:00:00	3.235	0.6291	2.3372	14.273	16.633	0.5242	0.0606	130.540	4.742	44.663	20.897	608.570	876.810	0.000
31/03/2019	13:00:00	3.355	0.5818	2.3899	15.100	17.413	0.3175	0.0764	123.380	4.352	38.186	22.440	607.920	950.480	0.000
31/03/2019	14:00:00	2.802	0.5643	1.8318	12.091	13.923	0.3553	0.0664	113.910	4.173	35.397	23.561	607.150	867.310	0.000
31/03/2019	15:00:00	3.608	0.5351	1.8086	10.980	12.787	0.3561	0.0619	80.930	4.514	35.853	24.645	606.350	736.090	0.000
31/03/2019	16:00:00	2.679	0.4990	1.2221	8.847	10.084	0.2900	0.0854	80.925	5.362	43.470	23.179	605.790	402.170	0.000
31/03/2019	17:00:00	2.381	0.5089	2.2267	12.602	14.805	0.4600	0.0997	82.980	3.847	50.546	21.367	606.100	152.300	0.000
31/03/2019	18:00:00	1.683	0.5276	2.3682	13.271	15.652	0.4374	0.0967	107.040	4.086	58.435	18.799	606.710	98.868	0.000
31/03/2019	19:00:00	2.019	0.5386	2.6566	14.175	16.737	0.3270	0.0673	118.820	4.365	68.230	15.988	607.160	43.771	0.000
31/03/2019	20:00:00	1.601	0.5774	4.2891	19.357	23.824	0.2844	0.0424	122.850	3.869	75.557	14.500	607.590	2.472	0.000
31/03/2019	21:00:00	1.794	0.5790	3.3178	16.513	19.552	0.2766	0.0235	99.553	3.784	83.468	13.380	608.300	2.158	0.000
31/03/2019	22:00:00	2.616	0.6024	4.7469	18.478	23.472	0.3164	0.0218	83.678	3.519	89.964	12.663	608.810	2.217	0.000
31/03/2019	23:00:00	2.446	0.5848	4.3485	18.998	23.256	0.2849	0.0167	79.531	3.354	91.183	12.339	608.950	2.194	0.000

PROMEDIO 24 HORAS	2.769	0.63033	3.4624	16.876	20.342	0.35	0.0602
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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