

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora									DATOS METEOROLÓGICOS					
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
01/11/2018	01:00:00	18.308	0.2817	1.0241	7.053	8.098	6.4729	0.0257	229.590	3.124	43.509	18.891	608.250	2.207	0.000
01/11/2018	02:00:00	19.247	0.1812	0.3327	4.970	5.302	5.9618	0.0222	224.780	3.051	45.143	18.685	608.180	2.216	0.000
01/11/2018	03:00:00	18.541	0.1613	0.4063	5.086	5.494	6.1345	0.0144	220.360	2.616	46.311	18.313	607.830	2.216	0.000
01/11/2018	04:00:00	18.478	0.0000	0.2895	4.611	4.900	AE	0.0136	220.560	1.041	48.018	17.895	607.690	2.194	0.000
01/11/2018	05:00:00	11.631	0.0375	0.3277	10.620	10.947	6.7637	0.0150	92.759	0.592	53.539	16.406	607.810	2.174	0.000
01/11/2018	06:00:00	7.746	0.2355	2.0373	16.083	18.155	7.0596	0.0299	47.164	0.871	57.960	15.219	608.180	2.201	0.000
01/11/2018	07:00:00	3.170	0.5163	15.6100	24.685	40.347	6.5704	0.0476	288.580	0.420	59.853	15.242	608.540	3.902	0.000
01/11/2018	08:00:00	4.814	0.6538	21.5290	22.977	44.452	6.4328	0.0466	246.750	1.316	60.482	16.276	608.990	101.540	0.000
01/11/2018	09:00:00	15.835	0.3313	6.2036	11.189	17.468	6.8124	0.0397	243.110	1.542	54.320	18.257	609.370	344.950	0.000
01/11/2018	10:00:00	23.367	0.0623	3.4513	6.464	9.865	6.6871	0.0325	293.340	2.725	46.026	20.356	609.390	583.330	0.000
01/11/2018	11:00:00	25.496	0.1860	2.1020	4.781	6.907	5.7323	0.0259	297.770	3.073	44.523	20.851	609.370	484.130	0.000
01/11/2018	12:00:00	25.944	0.1075	2.5089	5.642	8.163	5.7661	0.0257	294.340	2.491	42.883	21.544	608.930	580.550	0.000
01/11/2018	13:00:00	25.609	0.0000	1.5148	4.651	6.137	6.0079	0.0324	274.040	2.388	38.819	22.641	608.160	488.060	0.000
01/11/2018	14:00:00	24.718	0.0000	2.3686	5.082	7.443	6.7509	0.0357	273.800	3.036	36.823	23.399	607.470	473.690	0.000
01/11/2018	15:00:00	24.595	0.0000	1.9866	4.601	6.593	6.0965	0.0313	273.440	3.529	35.794	23.604	606.910	411.580	0.000
01/11/2018	16:00:00	25.432	0.0000	1.9279	5.158	7.079	5.9907	0.0323	271.230	3.651	32.748	23.970	606.740	372.410	0.000
01/11/2018	17:00:00	24.465	0.0503	2.5331	7.990	10.522	5.7635	0.0314	241.060	3.858	34.434	23.275	606.830	176.810	0.000
01/11/2018	18:00:00	21.601	0.0000	2.4786	11.377	13.846	5.5526	0.0206	232.730	2.485	37.980	22.572	607.020	53.090	0.000
01/11/2018	19:00:00	18.116	0.0003	2.8531	12.769	15.625	5.5634	0.0205	247.460	2.772	38.148	21.901	607.210	3.088	0.000
01/11/2018	20:00:00	15.959	0.0000	3.0054	13.464	16.506	5.4182	0.0135	225.880	1.917	41.660	21.232	607.660	2.230	0.000
01/11/2018	21:00:00	12.965	0.3232	4.5113	18.146	22.646	5.7475	0.0120	278.580	1.538	45.921	20.725	608.320	2.225	0.000
01/11/2018	22:00:00	9.814	0.3338	5.7978	22.379	28.181	5.8917	0.0213	300.120	0.983	49.514	20.003	608.670	2.178	0.000
01/11/2018	23:00:00	7.300	0.1973	5.2938	22.521	27.879	5.4525	0.0449	246.950	1.295	55.386	19.326	608.720	2.231	0.000

PROMEDIO 24 HORAS	17.528	0.15909	3.9171	10.969	14.894	6.12	0.0276
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:	02/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
02/11/2018	00:00:00	13.021	0.0000	2.1822	12.997	15.211	5.2589	0.0412	235.850	2.340	59.007	18.506	608.620	2.186	0.000
02/11/2018	01:00:00	16.341	0.9043	0.7211	7.962	8.674	5.3058	0.0297	191.680	0.835	57.949	18.176	608.570	2.228	0.000
02/11/2018	02:00:00	15.839	1.0204	0.7959	8.684	9.520	6.2073	0.0184	240.680	1.029	58.777	17.724	608.670	2.190	0.000
02/11/2018	03:00:00	0.592	1.4450	21.2660	23.067	44.360	6.9146	0.0324	199.780	0.478	70.890	14.590	608.690	2.241	0.000
02/11/2018	04:00:00	0.981	1.0942	15.1420	22.493	37.655	7.0933	0.1174	213.250	0.612	77.273	14.312	608.600	2.292	0.000
02/11/2018	05:00:00	2.472	1.2319	5.2116	19.430	24.644	7.2865	0.1190	204.950	0.401	79.154	14.189	608.540	2.199	0.000
02/11/2018	06:00:00	0.000	1.3176	21.8240	21.235	43.037	7.0043	0.1052	274.290	0.430	91.247	13.255	608.800	2.255	0.000
02/11/2018	07:00:00	0.748	1.5255	43.2660	20.264	63.500	6.9381	0.0982	273.950	0.759	94.265	12.623	609.340	3.943	0.000
02/11/2018	08:00:00	2.364	1.5450	18.8250	16.930	35.762	6.5366	0.0702	259.790	1.367	100.000	12.172	610.060	62.255	0.000
02/11/2018	09:00:00	6.747	1.4494	10.6230	12.275	22.896	6.3110	0.0581	268.370	0.798	100.000	13.107	610.710	188.520	0.000
02/11/2018	10:00:00	10.011	1.7354	11.2710	12.512	23.746	6.2696	0.0490	176.100	0.411	86.030	15.562	610.910	363.930	0.000
02/11/2018	11:00:00	18.402	1.5640	5.3450	9.660	14.995	6.0794	0.0487	159.390	0.798	69.031	17.338	610.720	446.820	0.000
02/11/2018	12:00:00	24.938	1.5525	2.5321	8.595	11.132	6.2681	0.0398	136.110	1.102	59.495	19.238	610.140	536.290	0.000
02/11/2018	13:00:00	28.572	1.3022	1.8903	6.855	8.745	6.1098	0.0588	151.830	1.377	52.790	19.763	609.560	520.690	0.000
02/11/2018	14:00:00	27.726	1.2078	2.0010	6.272	8.307	5.9240	0.0524	167.310	2.069	51.705	20.182	608.980	414.990	0.000
02/11/2018	15:00:00	27.208	1.2316	2.2686	6.319	8.594	5.4812	0.0434	92.605	1.954	51.326	20.469	608.600	360.740	0.000
02/11/2018	16:00:00	26.231	1.1541	1.9717	6.355	8.340	5.6560	0.0397	74.908	2.044	52.808	20.345	608.180	248.050	0.000
02/11/2018	17:00:00	22.071	1.1304	1.4868	8.832	10.323	5.4550	0.0329	86.935	2.790	59.559	19.215	608.160	110.720	0.000
02/11/2018	18:00:00	17.066	1.2861	1.6549	12.766	14.430	5.3547	0.0319	102.910	2.606	65.724	17.965	608.420	34.007	0.000
02/11/2018	19:00:00	8.099	1.5291	3.4392	22.346	25.771	5.5455	0.0309	129.160	2.479	73.535	16.448	608.780	2.997	0.000
02/11/2018	20:00:00	6.185	1.3847	3.9108	22.586	26.501	5.3383	0.0309	114.380	2.078	76.449	15.532	609.250	2.378	0.000
02/11/2018	21:00:00	10.407	1.6397	1.7354	16.059	17.806	5.2223	0.0325	100.510	2.157	79.550	14.888	609.660	2.218	0.000
02/11/2018	22:00:00	5.171	1.5368	3.9248	23.088	27.058	5.5692	0.0257	120.580	1.943	83.322	14.764	609.890	2.281	0.000
02/11/2018	23:00:00	4.036	1.4987	4.4349	22.494	26.925	5.3124	0.0304	80.125	1.548	92.343	14.291	609.860	2.196	0.000

PROMEDIO 24 HORAS	12.301	1.30360	7.8218	14.586	22.414	6.02	0.0515
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:	03/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
03/11/2018	00:00:00	3.539	1.5154	4.9976	19.321	24.340	5.5368	0.0448	118.540	1.433	97.828	13.597	609.780	2.293	0.000
03/11/2018	01:00:00	6.188	1.4125	2.8879	12.435	15.326	5.6411	0.0602	316.780	1.760	100.000	12.263	609.600	2.258	0.000
03/11/2018	02:00:00	10.733	1.1986	1.0936	7.223	8.315	5.4148	0.0273	324.350	1.956	100.000	11.761	609.460	2.250	0.000
03/11/2018	03:00:00	11.502	1.2106	0.5937	7.014	7.606	5.3416	0.0138	278.870	1.170	100.000	12.075	609.140	2.169	0.000
03/11/2018	04:00:00	9.190	1.1100	0.5908	9.348	9.952	AE	0.0191	202.280	0.653	100.000	12.330	608.820	2.252	0.000
03/11/2018	05:00:00	9.356	1.2359	0.8478	9.515	10.365	6.5406	0.0319	250.700	0.834	100.000	12.171	608.790	2.326	0.000
03/11/2018	06:00:00	10.539	1.3476	0.9378	7.915	8.866	5.8217	0.0254	113.380	1.308	100.000	12.162	608.950	2.188	0.000
03/11/2018	07:00:00	9.711	1.2815	0.8112	8.899	9.712	5.3517	0.0237	59.184	0.845	100.000	12.326	609.090	2.499	0.000
03/11/2018	08:00:00	8.194	1.5669	2.5375	11.322	13.860	5.5545	0.0398	99.153	1.465	100.000	12.439	609.510	16.374	0.000
03/11/2018	09:00:00	9.255	1.6773	4.1109	10.021	14.145	5.3414	0.0499	114.050	1.122	99.823	13.050	609.880	133.540	0.000
03/11/2018	10:00:00	12.994	1.5123	6.4795	8.910	15.365	6.8732	0.0519	126.550	0.593	82.158	15.416	609.990	460.910	0.000
03/11/2018	11:00:00	16.610	1.7153	10.6620	16.516	27.091	6.9336	0.0551	115.670	1.097	68.395	17.420	609.870	514.890	0.000
03/11/2018	12:00:00	23.343	1.5503	4.9459	11.928	16.902	6.2289	0.0781	171.540	0.812	63.239	18.672	609.370	531.700	0.000
03/11/2018	13:00:00	33.215	1.4503	2.5237	10.789	13.292	6.0864	0.0947	123.750	1.186	54.681	20.678	608.580	622.040	0.000
03/11/2018	14:00:00	34.940	1.5834	4.5049	26.144	30.625	5.8515	0.0916	118.680	2.326	54.602	20.672	607.720	291.930	0.000
03/11/2018	15:00:00	22.952	1.4718	8.3134	24.263	32.569	6.3078	0.1080	114.550	2.492	51.658	20.991	607.180	301.010	0.000
03/11/2018	16:00:00	21.392	1.4991	4.9552	16.608	21.535	5.5684	0.0827	303.310	3.038	55.572	19.832	607.270	156.060	0.000
03/11/2018	17:00:00	16.155	1.3912	4.3744	12.711	17.069	4.9111	0.0547	216.920	2.977	89.863	16.254	607.550	47.354	0.400
03/11/2018	18:00:00	14.357	1.1741	1.9450	13.116	15.075	4.9123	0.0413	163.880	1.765	99.428	15.434	608.410	6.928	5.800
03/11/2018	19:00:00	12.256	1.5387	2.0447	14.344	16.375	4.5881	0.0363	140.290	1.288	100.000	14.432	609.010	1.762	1.500
03/11/2018	20:00:00	12.956	1.4721	1.7493	14.898	16.643	4.7018	0.0513	264.800	0.888	100.000	14.479	609.510	1.848	2.800
03/11/2018	21:00:00	11.556	1.6660	1.9198	16.505	18.422	4.5299	0.0195	217.870	0.509	100.000	14.471	609.840	1.892	4.000
03/11/2018	22:00:00	10.569	1.6362	3.0930	17.468	20.584	4.2829	0.0081	183.780	2.439	100.000	14.799	609.900	1.616	1.400
03/11/2018	23:00:00	5.097	1.9182	4.8925	22.081	26.939	4.5046	0.0187	172.590	1.151	100.000	15.427	609.740	2.132	0.000

PROMEDIO 24 HORAS	14.025	1.46397	3.4088	13.721	17.124	5.51	0.0470
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:	04/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
04/11/2018	00:00:00	5.396	1.6135	7.5486	20.115	27.610	4.4644	0.0243	199.970	0.997	96.059	15.894	609.460	2.246	0.000
04/11/2018	01:00:00	CAL	0.0000	30.3730	24.911	55.395	5.6709	0.0138	94.338	0.367	100.000	15.440	609.450	2.305	0.000
04/11/2018	02:00:00	1.748	0.0000	CAL	CAL	CAL	6.9780	0.0362	155.620	0.529	100.000	15.335	609.360	2.306	0.000
04/11/2018	03:00:00	1.677	CAL	20.5930	22.416	43.043	6.9710	0.0402	87.683	0.371	100.000	15.102	609.290	2.284	0.000
04/11/2018	04:00:00	3.089	0.0000	7.9888	19.289	27.126	6.8961	0.0208	137.200	0.647	100.000	15.126	608.840	2.182	0.100
04/11/2018	05:00:00	3.897	0.0000	3.4805	15.182	18.661	6.2114	0.0160	53.461	0.411	100.000	14.423	608.690	2.235	0.000
04/11/2018	06:00:00	2.554	0.0000	4.8694	18.218	23.091	6.2704	0.0133	59.709	0.903	100.000	14.146	608.730	2.203	0.000
04/11/2018	07:00:00	2.595	0.0000	4.7409	20.134	24.852	6.4126	0.0220	82.418	0.436	100.000	13.873	609.120	3.399	0.000
04/11/2018	08:00:00	2.838	0.0000	9.4196	19.915	29.344	6.7880	0.0212	195.040	0.226	100.000	14.372	609.640	24.281	0.000
04/11/2018	09:00:00	3.654	0.0000	17.8510	19.151	36.979	6.9059	0.0276	198.750	0.536	100.000	14.849	610.290	41.859	0.000
04/11/2018	10:00:00	4.143	0.0000	25.1950	20.258	45.447	7.1096	0.0356	119.340	1.132	96.790	15.424	610.840	105.960	0.000
04/11/2018	11:00:00	7.808	0.0000	16.8470	18.666	35.578	6.7835	0.0355	135.580	0.526	84.459	16.608	610.780	200.280	0.000
04/11/2018	12:00:00	11.168	0.0000	10.3920	17.693	28.108	6.6969	0.0287	112.930	1.303	75.114	17.277	610.350	197.250	0.000
04/11/2018	13:00:00	14.791	0.0000	6.8985	12.609	19.512	6.8186	0.0366	88.219	2.384	72.003	17.575	609.790	226.150	0.000
04/11/2018	14:00:00	13.636	0.0000	7.7781	17.230	25.004	6.9814	0.0342	103.470	1.731	67.400	17.838	609.200	172.400	0.000
04/11/2018	15:00:00	13.894	0.0000	7.0858	16.483	23.555	6.8638	0.0458	91.993	2.162	67.696	18.071	608.740	176.120	0.000
04/11/2018	16:00:00	12.874	0.0000	5.1519	15.310	20.458	6.1297	0.0423	162.830	1.712	66.500	17.914	608.560	92.173	0.000
04/11/2018	17:00:00	13.896	0.0000	3.7204	12.772	16.474	6.0640	0.0349	129.770	3.434	68.599	17.302	608.500	57.302	0.000
04/11/2018	18:00:00	11.386	0.0000	3.3205	15.689	19.011	5.8743	0.0278	123.640	2.750	75.100	16.796	608.820	17.754	0.000
04/11/2018	19:00:00	9.013	0.0000	3.3419	18.640	21.982	5.9099	0.0265	126.620	2.297	75.595	16.611	609.110	2.442	0.000
04/11/2018	20:00:00	12.986	0.0000	2.1887	13.178	15.366	5.9327	0.0321	136.130	2.517	73.941	16.529	609.510	2.285	0.000
04/11/2018	21:00:00	14.017	0.0000	1.9009	11.853	13.749	5.5881	0.0207	136.720	2.727	80.129	15.955	609.760	2.213	0.000
04/11/2018	22:00:00	11.712	0.0000	1.9134	14.127	16.044	5.8495	0.0225	126.000	3.198	94.527	15.142	609.860	2.260	0.000
04/11/2018	23:00:00	12.815	0.0000	1.6093	13.437	15.097	5.7896	0.0230	125.500	2.839	96.978	14.856	609.860	2.239	0.000

PROMEDIO 24 HORAS	8.330	0.07015	8.8786	17.273	26.152	6.33	0.0284
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:	05/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
05/11/2018	00:00:00	14.498	0.0000	0.8168	11.786	12.603	5.8234	0.0158	112.200	2.182	99.858	14.498	609.940	2.262	0.000
05/11/2018	01:00:00	12.012	0.0000	0.3192	13.675	13.986	5.9464	0.0178	123.260	1.522	100.000	14.406	609.730	2.213	0.000
05/11/2018	02:00:00	13.624	0.0000	0.5455	10.500	11.036	5.8611	0.0182	194.400	0.881	100.000	14.379	609.550	2.195	0.000
05/11/2018	03:00:00	13.399	0.0000	0.5733	7.948	8.514	5.6858	0.0151	244.710	0.087	100.000	14.459	609.250	2.322	0.000
05/11/2018	04:00:00	9.137	DI	0.7608	11.029	11.791	AE	0.0169	224.510	0.245	100.000	14.225	609.020	2.276	0.000
05/11/2018	05:00:00	1.984	0.0000	3.5181	17.657	21.182	5.4917	0.0178	61.108	0.130	100.000	13.665	608.760	2.187	0.000
05/11/2018	06:00:00	1.609	0.0000	11.5210	20.270	31.835	5.7133	0.0273	124.610	0.467	100.000	13.372	608.690	2.309	0.000
05/11/2018	07:00:00	1.880	0.0000	42.0990	22.342	64.879	6.1998	0.0451	136.090	0.183	100.000	13.342	608.960	3.344	0.000
05/11/2018	08:00:00	1.834	0.0000	54.9430	23.411	78.347	6.3337	0.0592	173.950	1.096	100.000	13.886	609.200	41.073	0.000
05/11/2018	09:00:00	6.043	0.0000	34.0550	19.404	53.477	6.3467	0.0757	169.670	1.356	89.160	15.791	609.470	350.900	0.000
05/11/2018	10:00:00	13.358	0.0000	16.1120	16.275	32.417	6.7549	0.0672	126.520	1.740	61.679	19.291	609.510	617.280	0.000
05/11/2018	11:00:00	18.723	0.0000	3.1896	5.725	8.886	5.7814	0.0480	203.100	2.452	55.635	20.241	609.370	533.760	0.000
05/11/2018	12:00:00	19.523	8.8738	2.7523	6.286	9.063	5.5383	0.0269	222.570	2.439	51.103	21.625	608.850	758.610	0.000
05/11/2018	13:00:00	22.660	6.4700	3.4718	7.355	10.846	5.6933	0.0335	205.670	2.310	47.114	23.078	608.320	759.620	0.000
05/11/2018	14:00:00	20.945	6.2423	2.1869	4.552	6.726	5.4553	0.0315	230.120	3.277	43.066	24.188	607.540	838.690	0.000
05/11/2018	15:00:00	19.697	6.2574	2.3069	4.734	7.040	5.2419	0.0212	236.430	3.436	41.134	24.634	607.010	596.850	0.000
05/11/2018	16:00:00	19.866	5.8450	2.1732	4.512	6.684	5.5345	0.0161	256.620	3.256	40.125	24.704	606.800	423.070	0.000
05/11/2018	17:00:00	19.601	5.7864	2.5694	6.190	8.763	5.1563	0.0131	232.560	3.503	38.664	24.789	606.810	315.690	0.000
05/11/2018	18:00:00	19.981	AE	2.2397	8.541	10.780	5.0170	0.0124	239.290	3.613	40.774	23.530	607.150	84.554	0.000
05/11/2018	19:00:00	15.140	AE	2.5233	14.277	16.792	5.1100	0.0144	240.680	2.932	44.323	21.996	607.480	3.136	0.000
05/11/2018	20:00:00	11.353	AE	4.3306	16.968	21.303	5.2081	0.0254	242.650	2.781	49.690	20.941	607.820	2.264	0.000
05/11/2018	21:00:00	12.171	4.4993	3.2467	13.092	16.344	5.2845	0.0213	237.630	3.141	53.884	19.982	608.210	2.323	0.000
05/11/2018	22:00:00	14.121	4.2960	2.7387	10.669	13.410	4.9904	0.0145	228.580	3.079	56.546	19.399	608.620	2.348	0.000
05/11/2018	23:00:00	12.100	3.9135	2.0382	12.323	14.373	4.9031	0.0132	217.890	1.836	59.497	18.777	608.950	2.224	0.000

PROMEDIO 24 HORAS	13.136	2.60919	8.3763	12.063	20.462	5.61	0.0278
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:	06/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
06/11/2018	00:00:00	11.821	3.8754	1.6189	11.501	13.063	4.9380	0.0185	230.920	1.641	62.727	18.200	608.960	2.319	0.000
06/11/2018	01:00:00	15.048	1.7514	0.8981	6.477	7.377	5.0298	0.0219	224.430	2.226	65.650	17.622	608.760	2.319	0.000
06/11/2018	02:00:00	15.427	1.0357	0.7127	5.286	5.997	5.9268	0.0136	240.860	2.191	67.553	17.117	608.640	2.243	0.000
06/11/2018	03:00:00	15.137	0.6855	0.5028	4.483	4.984	5.7798	0.0117	238.690	1.700	69.479	16.562	608.630	2.289	0.000
06/11/2018	04:00:00	1.971	0.4676	5.3552	20.219	25.574	5.7508	0.0113	40.196	0.455	81.599	14.611	608.600	2.213	0.000
06/11/2018	05:00:00	0.394	0.1008	8.9704	20.440	29.428	6.3883	0.0355	18.747	0.252	93.020	13.622	608.630	2.272	0.000
06/11/2018	06:00:00	0.532	0.1378	20.6450	18.295	39.065	6.5446	0.0424	90.169	0.441	97.890	12.973	608.810	2.256	0.000
06/11/2018	07:00:00	0.612	0.1245	48.6370	17.325	66.232	6.4007	0.0656	255.460	0.400	99.188	13.046	609.140	3.896	0.000
06/11/2018	08:00:00	1.354	0.8190	111.6600	25.216	136.950	7.4164	0.1034	163.450	0.837	88.783	14.556	609.440	118.180	0.000
06/11/2018	09:00:00	4.798	1.1192	104.7500	47.800	152.440	8.9984	0.1407	98.455	0.818	68.928	17.333	609.690	320.890	0.000
06/11/2018	10:00:00	10.622	0.3425	66.9460	53.497	120.210	10.2710	0.1876	97.388	0.806	61.450	19.139	609.940	501.480	0.000
06/11/2018	11:00:00	22.057	0.0000	24.0220	45.142	69.177	10.1460	0.1719	125.970	0.729	53.269	21.304	609.810	650.400	0.000
06/11/2018	12:00:00	32.200	0.0000	8.9307	24.076	33.053	10.1880	0.1455	158.810	0.966	46.934	22.617	609.380	734.590	0.000
06/11/2018	13:00:00	35.274	0.0000	3.4551	11.016	14.514	7.6698	0.1013	120.900	1.402	37.566	24.318	608.620	778.540	0.000
06/11/2018	14:00:00	43.036	0.0000	2.2677	11.139	13.408	6.7857	0.0657	142.260	1.483	34.056	25.333	607.830	742.060	0.000
06/11/2018	15:00:00	49.584	0.0000	1.5991	11.099	12.712	6.5575	0.0468	153.090	1.477	32.702	26.214	607.250	652.650	0.000
06/11/2018	16:00:00	47.180	0.0000	1.3091	9.282	10.599	6.4346	0.0368	158.240	1.486	32.559	26.244	606.900	391.960	0.000
06/11/2018	17:00:00	39.336	DI	0.7300	7.752	8.459	5.8214	0.0314	137.650	0.788	31.463	26.199	606.830	232.910	0.000
06/11/2018	18:00:00	31.585	0.0000	1.7277	19.886	21.577	6.0440	0.0218	62.032	1.069	33.887	25.425	606.880	77.109	0.000
06/11/2018	19:00:00	13.896	0.0000	2.6673	26.944	29.554	6.7979	0.0488	94.470	2.467	45.744	23.384	607.200	3.286	0.000
06/11/2018	20:00:00	5.644	0.0000	7.3613	31.923	39.270	6.5695	0.0477	118.600	1.769	50.256	22.300	607.770	2.288	0.000
06/11/2018	21:00:00	2.438	0.0000	23.9160	34.792	58.711	6.5063	0.0450	111.070	1.337	52.454	21.586	608.370	2.362	0.000
06/11/2018	22:00:00	2.070	0.0000	34.6170	33.403	68.214	6.7994	0.0590	203.500	0.880	55.748	20.648	608.770	2.336	0.000
06/11/2018	23:00:00	3.415	DI	14.1330	26.742	40.771	6.3841	0.0629	248.580	0.814	56.573	19.827	608.960	2.269	0.000

PROMEDIO 24 HORAS	16.893	0.47542	20.7263	21.822	42.556	6.92	0.0640
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:	07/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora									DATOS METEOROLÓGICOS					
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
07/11/2018	00:00:00	9.106	DI	2.7336	16.036	18.728	5.9292	0.0396	235.380	1.101	59.407	18.769	609.000	2.256	0.000
07/11/2018	01:00:00	9.976	0.3888	1.2840	13.322	14.598	5.6937	0.0234	227.630	0.879	62.904	17.829	608.960	2.204	0.000
07/11/2018	02:00:00	11.967	0.5419	0.7870	9.873	10.693	6.0670	0.0196	203.460	0.729	65.268	17.155	608.810	2.256	0.000
07/11/2018	03:00:00	4.485	0.8504	11.9020	19.040	30.938	6.0449	0.0167	192.480	0.288	75.249	15.609	608.780	2.311	0.000
07/11/2018	04:00:00	2.611	0.5541	9.7813	19.359	29.492	AE	0.1347	311.800	0.340	74.608	15.373	608.650	2.306	0.000
07/11/2018	05:00:00	3.163	0.4958	4.6434	17.174	21.789	5.8330	0.0611	295.140	0.311	74.920	14.911	608.650	2.250	0.000
07/11/2018	06:00:00	4.833	0.3882	2.6555	16.773	19.420	5.5134	0.0318	306.170	0.733	75.797	14.207	608.890	2.212	0.000
07/11/2018	07:00:00	2.772	0.6891	13.3950	20.952	34.297	5.5844	0.0245	306.950	0.446	77.039	13.776	609.320	3.826	0.000
07/11/2018	08:00:00	2.654	1.8991	82.5630	22.284	104.700	6.1534	0.0544	329.620	0.225	74.554	14.599	609.730	115.960	0.000
07/11/2018	09:00:00	7.021	1.2533	49.8800	24.271	73.955	6.9610	0.1116	155.700	0.282	61.533	17.558	610.060	323.950	0.000
07/11/2018	10:00:00	17.862	0.4713	10.2710	15.989	26.254	9.6111	0.0866	234.290	0.399	52.616	20.082	610.220	516.820	0.000
07/11/2018	11:00:00	29.901	0.4983	6.0155	14.380	20.412	7.5465	0.0490	202.900	0.941	46.697	22.090	610.130	668.500	0.000
07/11/2018	12:00:00	33.193	AE	2.2244	6.228	8.496	6.4669	0.0557	121.000	1.338	41.548	23.707	609.580	766.610	0.000
07/11/2018	13:00:00	36.919	AE	0.6804	4.524	5.206	5.8552	0.0502	123.730	1.253	36.672	25.246	608.890	780.990	0.000
07/11/2018	14:00:00	38.306	0.0000	0.9511	5.067	6.013	5.7617	0.0447	100.420	1.299	32.447	26.213	608.100	735.230	0.000
07/11/2018	15:00:00	44.384	0.0000	0.7432	6.247	6.994	5.5669	0.0387	154.350	1.307	30.205	26.887	607.560	643.570	0.000
07/11/2018	16:00:00	47.892	0.0000	0.7563	6.714	7.468	5.7768	0.0238	127.930	1.162	29.808	27.294	607.250	468.270	0.000
07/11/2018	17:00:00	45.483	0.0000	0.7340	7.700	8.457	5.8263	0.0265	119.460	1.472	30.550	26.788	607.120	224.360	0.000
07/11/2018	18:00:00	31.277	0.0000	2.5064	16.651	19.146	5.6636	0.0322	43.689	1.449	32.773	25.514	607.280	49.225	0.000
07/11/2018	19:00:00	17.715	0.0000	2.7725	23.005	25.811	5.7939	0.0594	100.750	2.722	43.822	23.807	607.530	3.208	0.000
07/11/2018	20:00:00	14.365	0.0000	1.9722	25.436	27.255	5.5383	0.0440	119.400	2.732	49.516	22.678	608.000	2.239	0.000
07/11/2018	21:00:00	3.100	0.0000	33.2310	42.851	76.092	6.3800	0.0375	133.740	1.183	50.851	22.027	608.420	2.259	0.000
07/11/2018	22:00:00	2.718	0.0000	29.2740	38.683	67.903	7.0985	0.0842	212.520	0.689	54.553	21.161	608.810	2.289	0.000
07/11/2018	23:00:00	8.754	0.0000	3.4291	25.118	28.554	6.0651	0.0678	233.370	0.729	57.836	19.921	608.980	2.271	0.000

PROMEDIO 24 HORAS	17.936	0.38239	11.4661	17.403	28.861	6.21	0.0507
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:	08/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
08/11/2018	00:00:00	9.398	0.0000	1.7845	21.962	23.782	5.2900	0.0321	228.520	0.690	59.358	19.206	608.920	2.273	0.000
08/11/2018	01:00:00	8.425	0.8116	12.6990	20.905	33.577	5.2594	0.0266	226.590	0.327	62.939	18.156	608.670	2.313	0.000
08/11/2018	02:00:00	10.025	1.1563	3.4316	17.554	20.979	5.0908	0.0294	225.380	0.068	65.842	17.168	608.560	2.186	0.000
08/11/2018	03:00:00	9.984	0.9962	2.5503	16.287	18.789	4.9620	0.0247	264.440	0.530	65.919	16.758	608.360	2.310	0.000
08/11/2018	04:00:00	2.737	0.9861	6.2727	23.671	29.949	5.1392	0.0229	314.220	0.403	73.143	15.285	608.340	2.302	0.000
08/11/2018	05:00:00	2.496	1.2308	9.5408	23.864	33.579	5.2185	0.0284	313.630	0.044	74.145	14.902	608.570	2.297	0.000
08/11/2018	06:00:00	2.549	1.3038	16.1080	22.740	38.882	5.1190	0.0336	317.770	0.316	83.129	14.053	608.780	2.288	0.000
08/11/2018	07:00:00	1.848	1.5387	37.1530	21.436	58.590	5.1898	0.0610	237.190	0.591	97.752	13.001	609.100	3.723	0.000
08/11/2018	08:00:00	1.464	2.0554	60.3390	20.339	80.730	5.7615	0.0902	125.690	0.671	98.909	12.937	609.560	102.200	0.000
08/11/2018	09:00:00	1.959	1.6877	27.6340	18.645	46.352	6.1327	0.1610	101.850	1.077	93.509	14.519	609.910	310.900	0.000
08/11/2018	10:00:00	13.907	1.3260	10.5300	13.468	23.933	6.1495	0.1093	110.630	1.054	76.201	17.059	610.120	498.910	0.000
08/11/2018	11:00:00	19.988	1.1566	3.8424	8.933	12.783	5.8471	0.0948	119.560	1.112	68.122	19.324	609.940	627.830	0.000
08/11/2018	12:00:00	29.299	1.1751	1.8772	7.204	9.089	6.9278	0.0871	105.290	1.415	53.836	22.197	609.390	729.620	0.000
08/11/2018	13:00:00	38.534	0.8601	0.9903	5.640	6.649	7.3461	0.0886	100.720	1.282	39.985	24.737	608.670	773.390	0.000
08/11/2018	14:00:00	39.431	0.9090	0.9515	5.119	6.069	6.0458	0.0649	113.880	1.343	33.125	26.154	607.850	744.330	0.000
08/11/2018	15:00:00	46.892	0.9465	0.9450	7.073	8.013	5.8012	0.0436	142.240	1.330	31.272	26.866	607.270	639.290	0.000
08/11/2018	16:00:00	54.812	0.9310	0.6882	8.726	9.417	6.0338	0.0379	139.710	1.298	30.625	27.211	606.930	484.610	0.000
08/11/2018	17:00:00	30.856	0.9128	0.7084	7.718	8.413	5.8424	0.0411	109.160	2.478	36.085	26.527	606.810	274.850	0.000
08/11/2018	18:00:00	22.657	0.9635	1.5108	10.334	11.767	5.2687	0.0353	81.613	3.481	47.808	24.346	607.020	36.417	0.000
08/11/2018	19:00:00	14.444	1.0024	2.1283	14.611	16.747	5.7797	0.0332	102.750	3.792	59.480	22.392	607.410	3.028	0.000
08/11/2018	20:00:00	12.367	1.0516	2.3986	20.892	23.299	5.5271	0.0353	96.780	2.581	57.385	21.379	607.940	2.301	0.000
08/11/2018	21:00:00	6.929	1.1476	4.7154	27.963	32.664	5.1340	0.0336	91.299	1.349	49.412	21.008	608.450	2.343	0.000
08/11/2018	22:00:00	8.558	1.1482	2.0351	24.697	26.709	6.3568	0.0412	109.560	1.432	52.172	20.656	608.710	2.290	0.000
08/11/2018	23:00:00	3.324	1.3126	16.8910	32.085	49.121	11.0970	0.0457	92.628	0.972	56.041	19.654	608.960	2.353	0.000

PROMEDIO 24 HORAS	16.370	1.10873	9.4885	16.744	26.245	5.93	0.0542
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:	09/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
09/11/2018	00:00:00	1.474	1.5567	47.5110	32.184	79.747	7.1717	0.0631	117.350	0.038	58.669	18.747	608.890	2.313	0.000
09/11/2018	01:00:00	1.681	1.3222	59.3890	30.779	90.259	6.6542	0.0765	117.630	0.060	61.743	18.357	608.690	2.204	0.000
09/11/2018	02:00:00	1.234	1.3590	67.5540	23.399	91.126	6.7000	0.0932	166.500	0.543	71.708	16.919	608.650	2.224	0.000
09/11/2018	03:00:00	3.841	0.4184	6.3778	16.199	22.601	5.3449	0.0840	303.620	1.328	94.522	15.518	608.640	2.237	0.000
09/11/2018	04:00:00	8.149	0.2139	0.6424	7.556	8.207	CAL	0.0502	220.820	0.980	100.000	14.490	608.630	2.230	0.000
09/11/2018	05:00:00	10.445	0.2549	0.3725	6.605	6.976	5.0490	0.0277	293.170	0.500	100.000	14.376	608.640	2.234	0.000
09/11/2018	06:00:00	7.748	0.1961	0.9150	9.550	10.447	4.8086	0.0247	312.640	0.211	100.000	14.365	608.740	2.311	0.000
09/11/2018	07:00:00	2.140	0.4558	17.7010	16.418	34.211	5.3486	0.0208	170.370	0.849	100.000	13.752	609.030	3.024	0.000
09/11/2018	08:00:00	3.951	0.5284	9.3158	13.328	22.677	4.7982	0.0462	127.670	0.992	100.000	13.250	609.490	31.197	0.000
09/11/2018	09:00:00	6.992	0.4814	6.2622	10.727	16.965	5.1470	0.0510	202.050	0.608	100.000	13.501	609.870	83.571	0.000
09/11/2018	10:00:00	8.879	0.5049	6.7747	10.822	17.611	5.0578	0.0378	186.490	0.872	100.000	14.162	610.110	161.430	0.000
09/11/2018	11:00:00	12.148	0.3815	5.4133	8.167	13.573	4.8816	0.0367	104.890	1.078	99.278	16.052	609.990	504.380	0.000
09/11/2018	12:00:00	23.377	0.2551	3.7876	7.681	11.482	5.1037	0.0669	134.790	0.713	70.067	19.794	609.470	737.700	0.000
09/11/2018	13:00:00	33.661	0.3201	1.8951	7.229	9.101	5.4627	0.0770	127.360	1.091	46.119	23.354	608.730	768.970	0.000
09/11/2018	14:00:00	41.242	0.2734	1.3587	7.951	9.308	5.4784	0.0760	103.410	1.256	38.628	24.982	607.940	705.520	0.000
09/11/2018	15:00:00	42.686	0.1900	1.3185	7.500	8.811	5.8615	0.0578	97.276	1.256	34.678	26.346	607.340	622.610	0.000
09/11/2018	16:00:00	34.158	0.2341	1.2750	6.886	8.159	5.2621	0.0469	82.433	2.787	35.356	26.234	607.040	384.290	0.000
09/11/2018	17:00:00	21.577	0.2361	1.9208	7.126	9.053	5.1433	0.0408	81.070	4.794	53.633	23.764	607.210	219.290	0.000
09/11/2018	18:00:00	19.332	0.3157	1.9239	8.902	10.828	5.1855	0.0617	95.786	5.334	63.057	21.155	607.790	62.237	0.000
09/11/2018	19:00:00	18.240	0.3395	1.5273	11.598	13.114	5.1509	0.0540	104.080	5.245	70.554	19.546	608.420	2.902	0.000
09/11/2018	20:00:00	17.706	0.2742	1.5294	9.186	10.714	5.0926	0.0499	92.875	5.601	78.719	17.841	609.210	2.337	0.000
09/11/2018	21:00:00	14.857	0.0000	1.8192	14.313	16.115	4.8571	0.0512	94.053	4.092	73.811	17.259	609.870	2.455	0.000
09/11/2018	22:00:00	10.577	2.1891	2.4341	18.999	21.511	5.1065	0.0375	96.958	2.916	70.197	17.313	610.350	2.345	0.000
09/11/2018	23:00:00	14.681	2.5376	1.4089	12.819	14.209	5.2367	0.0403	115.550	3.909	67.404	17.161	610.580	2.247	0.000

PROMEDIO 24 HORAS	15.032	0.61826	10.4345	12.747	23.200	5.39	0.0530
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:	10/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
10/11/2018	00:00:00	10.871	2.8386	1.2992	18.661	19.963	5.1675	0.0354	106.320	2.789	69.633	16.779	610.630	2.204	0.000
10/11/2018	01:00:00	11.804	0.6745	0.9040	15.049	16.047	5.6133	0.0357	82.197	1.822	71.113	16.613	610.670	2.247	0.000
10/11/2018	02:00:00	16.694	0.4198	0.2264	7.703	7.934	5.9702	0.0305	89.620	2.390	73.978	16.404	610.580	2.192	0.000
10/11/2018	03:00:00	15.865	0.5435	0.1618	6.939	7.102	6.4634	0.0246	79.464	1.931	76.422	15.755	610.430	2.199	0.000
10/11/2018	04:00:00	15.431	0.7169	0.3336	6.444	6.768	6.4773	0.0220	96.045	2.725	80.222	15.478	610.310	2.166	0.000
10/11/2018	05:00:00	13.724	0.7300	0.2743	4.594	4.875	6.4549	0.0116	64.783	2.212	97.925	14.781	610.180	2.165	0.000
10/11/2018	06:00:00	11.932	0.9117	0.6132	5.417	6.026	6.0397	0.0092	66.924	2.030	98.950	14.518	610.330	2.265	0.000
10/11/2018	07:00:00	11.620	1.1222	0.6926	6.543	7.234	5.8458	0.0070	72.794	2.784	98.598	13.990	610.740	2.502	0.000
10/11/2018	08:00:00	9.181	1.3177	2.3531	10.617	13.004	5.9040	0.0054	69.554	2.050	95.172	13.921	611.290	15.834	0.000
10/11/2018	09:00:00	7.242	1.4529	6.0455	12.926	18.978	7.0945	0.0201	83.947	2.731	88.937	14.384	611.680	65.680	0.000
10/11/2018	10:00:00	9.970	1.4871	5.1331	10.238	15.369	6.8742	0.0263	86.095	3.026	83.259	14.687	611.890	101.460	0.000
10/11/2018	11:00:00	BIT	1.5696	3.1789	8.041	11.215	6.6507	0.0270	96.714	3.479	73.387	15.444	611.890	187.050	0.000
10/11/2018	12:00:00	BIT	1.4855	2.7178	5.892	8.610	6.3665	0.0245	67.118	2.572	71.307	16.042	611.660	230.750	0.000
10/11/2018	13:00:00	BIT	1.4871	2.8787	6.900	9.776	6.3088	0.0304	84.022	3.431	71.049	16.299	611.120	273.030	0.000
10/11/2018	14:00:00	BIT	1.4191	3.7699	8.429	12.213	6.1597	0.0337	101.800	3.465	65.718	17.088	610.390	345.170	0.000
10/11/2018	15:00:00	BIT	1.3228	3.3771	7.128	10.509	6.2888	0.0317	83.499	2.943	61.808	17.890	610.010	299.990	0.000
10/11/2018	16:00:00	BIT	1.3716	3.0990	6.093	9.197	6.2466	0.0301	70.758	3.185	62.215	18.057	609.780	322.020	0.000
10/11/2018	17:00:00	BIT	1.3134	2.8811	6.854	9.714	6.1628	0.0307	61.798	2.267	60.479	18.348	609.680	243.480	0.000
10/11/2018	18:00:00	BIT	1.2640	2.4240	8.962	11.370	6.2562	0.0286	81.652	2.655	63.732	17.455	609.690	68.541	0.000
10/11/2018	19:00:00	BIT	1.4498	2.2435	13.709	15.935	6.3422	0.0248	98.470	2.813	76.016	15.304	610.020	2.865	0.000
10/11/2018	20:00:00	BIT	1.4462	2.9313	17.741	20.652	6.5149	0.0282	101.460	2.289	78.817	14.626	610.310	2.369	0.000
10/11/2018	21:00:00	BIT	1.4138	2.9635	15.842	18.842	6.1789	0.0275	77.679	1.896	78.052	14.564	610.770	2.260	0.000
10/11/2018	22:00:00	BIT	1.4045	2.4645	13.466	15.934	5.9278	0.0309	68.718	1.983	81.762	13.917	611.110	2.347	0.000
10/11/2018	23:00:00	BIT	1.4665	4.1670	17.097	21.236	6.3245	0.0223	53.303	1.198	93.203	13.210	611.170	2.272	0.000

PROMEDIO 24 HORAS	12.212	1.27619	2.3805	10.054	12.438	6.23	0.0249
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:	11/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
11/11/2018	00:00:00	BIT	1.3265	1.6820	11.591	13.309	5.8146	0.0317	120.690	2.561	92.918	13.625	611.010	2.169	0.000
11/11/2018	01:00:00	CAL	0.9106	0.6634	9.430	10.082	5.4506	0.0218	121.440	1.903	95.492	13.178	610.700	2.228	0.000
11/11/2018	02:00:00	BIT	1.1597	CAL	CAL	CAL	5.6806	0.0195	296.760	0.921	99.350	12.086	610.580	2.204	0.000
11/11/2018	03:00:00	BIT	CAL	8.6229	17.183	25.904	5.8160	0.0542	303.710	1.116	100.000	11.741	610.370	2.217	0.000
11/11/2018	04:00:00	BIT	0.7626	1.8395	12.034	13.899	CAL	0.0462	321.720	0.785	100.000	12.067	610.230	2.280	0.000
11/11/2018	05:00:00	BIT	0.8484	1.5096	11.375	12.897	5.1832	0.0298	97.757	0.878	100.000	11.952	610.060	2.174	0.000
11/11/2018	06:00:00	BIT	0.9167	4.4943	15.480	19.987	5.4067	0.0281	80.142	0.477	100.000	11.717	609.930	2.292	0.000
11/11/2018	07:00:00	BIT	1.0454	17.0500	15.175	32.221	5.4735	0.0506	266.410	0.596	100.000	11.393	610.150	3.181	0.000
11/11/2018	08:00:00	BIT	1.0609	19.9990	14.796	34.784	6.0274	0.0771	347.860	0.311	100.000	11.371	610.450	53.821	0.000
11/11/2018	09:00:00	BIT	1.0405	15.1310	15.168	30.277	9.9776	0.0552	186.980	1.106	99.344	12.620	610.580	157.630	0.000
11/11/2018	10:00:00	BIT	0.8587	9.4761	11.332	20.809	9.3615	0.0488	120.650	1.907	85.487	14.999	610.680	480.000	0.000
11/11/2018	11:00:00	BIT	0.9141	12.1310	14.018	26.167	11.7970	0.0493	121.600	0.918	66.260	17.905	610.600	638.900	0.000
11/11/2018	12:00:00	BIT	0.9351	11.8670	17.477	29.347	29.4210	0.0623	90.622	1.247	59.098	20.004	610.020	701.140	0.000
11/11/2018	13:00:00	BIT	0.8197	6.0646	16.399	22.457	24.6520	0.0767	118.200	1.161	48.302	22.850	609.190	752.160	0.000
11/11/2018	14:00:00	BIT	0.6751	2.1306	10.379	12.513	13.3650	0.0761	137.780	1.057	38.031	24.950	608.290	732.840	0.000
11/11/2018	15:00:00	BIT	0.5334	1.1765	7.861	9.059	9.7416	0.0626	200.310	1.015	33.207	25.810	607.550	632.870	0.000
11/11/2018	16:00:00	BIT	0.5579	0.9874	5.272	6.259	7.6066	0.0445	239.600	1.389	28.780	26.082	607.170	420.890	0.000
11/11/2018	17:00:00	BIT	0.6248	0.9227	5.676	6.595	6.2805	0.0237	291.410	1.492	28.203	25.570	607.190	153.240	0.000
11/11/2018	18:00:00	BIT	0.9323	1.8124	17.140	18.956	6.4861	0.0213	111.930	0.949	34.894	24.607	607.240	49.752	0.000
11/11/2018	19:00:00	BIT	1.0393	1.0607	25.969	27.052	7.9784	0.0517	106.900	1.677	45.852	22.879	607.440	2.775	0.000
11/11/2018	20:00:00	BIT	0.8747	1.8696	30.261	32.136	9.6440	0.0515	106.630	2.102	47.098	21.652	607.850	2.293	0.000
11/11/2018	21:00:00	BIT	1.3728	23.2410	41.775	65.056	10.1350	0.0431	132.000	1.276	50.123	20.786	608.440	2.285	0.000
11/11/2018	22:00:00	BIT	1.5869	22.6160	35.727	58.703	9.1324	0.0632	231.360	0.699	48.994	19.940	608.850	2.330	0.000
11/11/2018	23:00:00	BIT	1.2326	8.9622	31.977	40.968	6.5057	0.0583	233.170	0.207	46.964	19.085	608.690	2.272	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	0.95776	7.6221	17.108	24.758	9.43	0.0478
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	12/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
12/11/2018	00:00:00	BIT	1.3500	21.8750	30.917	52.595	6.1286	0.0471	236.780	0.318	49.350	18.416	608.750	2.305	0.000
12/11/2018	01:00:00	BIT	1.8632	26.9680	29.960	57.039	6.6406	0.0458	283.080	0.753	56.046	17.338	608.800	2.289	0.000
12/11/2018	02:00:00	BIT	1.1925	3.0567	23.982	27.032	7.5175	0.0901	253.990	0.371	55.496	17.176	608.640	2.275	0.000
12/11/2018	03:00:00	BIT	1.2216	1.5549	17.277	18.831	6.8236	0.0467	278.430	0.697	58.913	16.417	608.620	2.293	0.000
12/11/2018	04:00:00	BIT	1.0563	0.4241	11.579	11.996	6.4688	0.0297	241.630	0.528	57.987	16.072	608.520	2.289	0.000
12/11/2018	05:00:00	BIT	1.1704	5.4007	22.173	27.568	6.2680	0.0207	69.902	0.227	69.259	14.820	608.580	2.307	0.000
12/11/2018	06:00:00	BIT	1.2429	16.8980	24.312	41.216	6.4761	0.0363	150.740	0.176	72.400	15.020	608.590	2.231	0.000
12/11/2018	07:00:00	BIT	1.6290	51.4130	24.323	75.731	6.3053	0.0450	252.660	0.367	66.552	14.694	608.750	2.893	0.000
12/11/2018	08:00:00	BIT	4.4008	257.1400	29.273	286.830	8.5304	0.0770	90.960	0.339	70.580	15.187	609.100	117.280	0.000
12/11/2018	09:00:00	BIT	3.2105	128.4000	42.028	170.310	10.4160	0.1981	77.980	0.217	57.057	18.122	609.430	255.240	0.000
12/11/2018	10:00:00	BIT	2.4562	52.8580	45.392	98.231	8.9503	0.1648	79.249	0.565	49.417	20.160	609.630	401.840	0.000
12/11/2018	11:00:00	BIT	1.4004	9.9424	23.750	33.741	9.1857	0.1514	78.049	1.201	43.148	21.014	609.660	453.270	0.000
12/11/2018	12:00:00	BIT	1.1946	3.9586	12.773	16.766	8.6709	0.1484	201.200	0.830	37.810	22.384	609.070	606.500	0.000
12/11/2018	13:00:00	BIT	1.0683	1.0872	7.911	9.004	8.0695	0.0741	197.120	1.401	35.212	23.613	608.240	678.480	0.000
12/11/2018	14:00:00	BIT	1.0239	1.7888	8.344	10.112	7.1842	0.0563	167.640	2.527	32.960	24.386	607.430	575.190	0.000
12/11/2018	15:00:00	BIT	0.9384	1.6953	9.128	10.794	7.5086	0.0407	185.160	2.413	33.214	24.550	606.830	513.730	0.000
12/11/2018	16:00:00	BIT	0.9819	2.0904	9.780	11.868	6.4263	0.0412	224.120	1.664	38.032	22.960	606.850	77.418	0.000
12/11/2018	17:00:00	BIT	1.2174	4.4113	19.804	24.110	6.1897	0.0332	153.950	2.548	46.347	20.919	607.180	38.986	0.400
12/11/2018	18:00:00	BIT	1.2352	3.4623	16.788	20.244	6.2033	0.0697	261.510	2.579	64.139	18.334	607.760	20.600	0.000
12/11/2018	19:00:00	BIT	1.0455	2.2316	13.573	15.775	6.2553	0.0328	204.050	2.495	66.397	16.851	608.370	2.481	0.000
12/11/2018	20:00:00	BIT	1.0681	2.0396	12.130	14.173	5.9217	0.0321	276.440	1.413	62.601	15.894	608.800	2.256	0.000
12/11/2018	21:00:00	BIT	1.2870	2.6881	12.644	15.345	5.9875	0.0241	72.034	1.395	67.063	15.497	609.510	2.286	0.000
12/11/2018	22:00:00	BIT	1.3749	5.1244	21.647	26.779	5.9744	0.0355	96.185	0.753	71.613	15.401	609.520	2.265	0.000
12/11/2018	23:00:00	BIT	1.1710	6.2542	22.743	28.963	5.9791	0.0602	114.760	1.878	73.747	15.501	609.770	2.265	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	1.49167	25.5318	20.510	46.044	7.09	0.0667
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:	13/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
13/11/2018	00:00:00	BIT	1.1962	0.5384	14.273	14.784	6.4177	0.0422	112.930	1.652	95.185	14.724	609.670	2.067	0.000
13/11/2018	01:00:00	BIT	0.7285	0.5746	12.841	13.452	6.4257	0.0351	115.760	1.653	98.733	14.720	609.470	2.177	0.000
13/11/2018	02:00:00	BIT	0.5207	0.6238	9.409	10.029	6.5606	0.0248	58.174	0.818	99.678	14.481	609.450	2.200	0.000
13/11/2018	03:00:00	BIT	0.5069	0.1881	8.517	8.707	6.5927	0.0168	33.791	0.258	100.000	14.336	609.220	2.214	0.000
13/11/2018	04:00:00	BIT	0.6144	0.3610	9.168	9.525	AE	0.0207	159.780	1.534	100.000	14.428	609.110	2.128	0.600
13/11/2018	05:00:00	BIT	0.5453	0.2311	6.678	6.915	6.4263	0.0304	127.040	1.118	100.000	14.102	609.180	1.916	0.900
13/11/2018	06:00:00	BIT	0.5617	0.6068	14.404	14.979	6.4367	0.0237	138.890	1.571	100.000	14.191	609.320	2.119	0.000
13/11/2018	07:00:00	BIT	0.6200	1.3575	14.878	16.246	6.2943	0.0194	141.890	0.963	100.000	14.258	609.490	2.438	0.000
13/11/2018	08:00:00	BIT	1.0402	13.2330	20.295	33.645	6.8538	0.0162	98.138	0.474	100.000	14.355	609.830	18.362	0.000
13/11/2018	09:00:00	BIT	1.1574	18.8250	21.348	40.061	6.8482	0.0208	95.202	2.029	100.000	14.395	610.200	88.374	0.000
13/11/2018	10:00:00	BIT	1.2031	16.9340	18.311	35.197	6.7729	0.0172	139.030	1.626	100.000	14.438	610.630	118.570	0.000
13/11/2018	11:00:00	BIT	0.8438	7.8507	9.786	17.676	6.6760	0.0308	212.090	3.460	100.000	13.049	610.910	132.170	0.000
13/11/2018	12:00:00	BIT	1.0076	4.8459	6.122	10.975	6.3369	0.0294	224.220	3.763	99.867	11.153	611.120	152.610	0.100
13/11/2018	13:00:00	BIT	1.0431	4.9270	7.015	11.935	6.3923	0.0221	318.470	3.508	78.764	11.442	610.970	164.220	0.000
13/11/2018	14:00:00	BIT	1.2100	4.4396	7.717	12.152	6.6347	0.0257	311.260	3.329	69.827	11.428	610.450	130.530	0.000
13/11/2018	15:00:00	BIT	1.1943	3.5461	7.131	10.683	6.3746	0.0242	222.630	3.058	78.853	10.777	610.420	89.025	0.000
13/11/2018	16:00:00	BIT	1.3545	3.7601	8.446	12.227	6.4772	0.0302	188.920	2.017	81.908	10.168	610.740	62.158	0.000
13/11/2018	17:00:00	BIT	1.4334	5.4398	9.196	14.627	6.4718	0.0389	40.798	2.106	96.175	9.594	610.780	40.753	0.000
13/11/2018	18:00:00	BIT	1.3315	4.2951	9.207	13.521	6.5033	0.0465	57.989	2.102	96.512	8.928	611.210	19.016	0.000
13/11/2018	19:00:00	BIT	1.6108	4.5689	9.571	14.153	6.6726	0.0379	40.611	1.926	99.550	8.098	611.880	2.607	0.000
13/11/2018	20:00:00	BIT	1.4448	3.9982	9.556	13.575	6.5831	0.0470	88.472	2.159	96.764	7.414	612.440	2.243	0.000
13/11/2018	21:00:00	BIT	1.7637	4.8619	10.097	14.981	6.6650	0.0326	166.260	1.620	96.304	7.076	613.040	2.327	0.000
13/11/2018	22:00:00	BIT	1.5444	3.1279	10.867	14.023	6.6526	0.0270	62.592	1.431	95.449	6.746	613.440	2.154	0.000
13/11/2018	23:00:00	BIT	1.5870	2.3835	14.220	16.659	6.5004	0.0280	111.680	2.295	90.592	6.036	613.650	2.234	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	1.08597	4.6466	11.211	15.864	6.55	0.0286
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:	14/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
14/11/2018	00:00:00	BIT	1.7854	1.3727	13.739	15.113	6.5695	0.0187	101.790	2.466	97.422	5.209	613.700	2.233	0.000
14/11/2018	01:00:00	BIT	1.5277	0.9195	11.044	11.976	6.2843	0.0194	81.214	2.752	97.735	4.334	613.540	2.239	0.000
14/11/2018	02:00:00	BIT	3.8500	0.4246	6.872	7.289	5.9031	0.0228	106.680	3.518	95.456	3.471	613.630	2.196	0.000
14/11/2018	03:00:00	BIT	3.8015	0.2796	5.574	5.855	5.7176	0.0107	108.750	3.750	93.879	2.995	613.480	2.131	0.000
14/11/2018	04:00:00	BIT	3.8699	0.3268	11.116	11.458	6.1230	0.0085	103.810	3.182	92.746	2.935	613.330	2.180	0.000
14/11/2018	05:00:00	BIT	3.8574	0.1878	7.605	7.800	6.1630	0.0239	104.570	2.777	96.093	2.571	613.400	2.147	0.000
14/11/2018	06:00:00	BIT	3.8414	0.2360	8.332	8.556	5.9672	0.0132	94.923	2.406	90.386	2.449	613.510	2.184	0.000
14/11/2018	07:00:00	BIT	3.9245	1.0043	16.891	17.890	5.9573	0.0124	100.370	2.801	76.184	1.974	613.840	2.539	0.000
14/11/2018	08:00:00	BIT	4.0225	4.0659	23.009	27.037	6.2415	0.0216	106.080	2.900	65.846	1.865	613.950	28.467	0.000
14/11/2018	09:00:00	BIT	4.4729	13.6440	27.087	40.703	6.5642	0.0254	101.950	2.581	61.289	2.732	614.340	101.690	0.000
14/11/2018	10:00:00	BIT	4.4532	6.7193	14.844	21.586	6.3147	0.0420	96.949	2.411	57.091	3.626	614.600	248.620	0.000
14/11/2018	11:00:00	BIT	4.2728	9.2831	16.298	25.580	7.1870	0.0425	75.260	1.876	52.083	5.043	614.760	362.930	0.000
14/11/2018	12:00:00	BIT	4.1443	4.5301	8.299	12.787	6.7157	0.0434	158.010	1.644	57.188	6.042	614.500	425.790	0.000
14/11/2018	13:00:00	BIT	4.0035	2.9541	5.998	8.967	6.4024	0.0360	129.080	1.874	62.236	6.839	613.870	353.000	0.000
14/11/2018	14:00:00	BIT	3.7814	2.4037	5.118	7.516	6.1198	0.0228	108.430	1.076	58.871	7.821	613.020	403.130	0.000
14/11/2018	15:00:00	BIT	3.6241	2.1375	5.303	7.465	6.0710	0.0376	158.790	1.020	52.073	9.460	612.210	573.250	0.000
14/11/2018	16:00:00	BIT	3.8110	1.7347	5.691	7.430	6.2771	0.0387	91.297	1.342	50.173	10.703	611.670	451.870	0.000
14/11/2018	17:00:00	BIT	3.5291	1.9846	7.944	9.938	6.2971	0.0388	90.464	1.088	50.074	11.314	611.460	263.260	0.000
14/11/2018	18:00:00	BIT	3.7500	2.6931	12.860	15.546	6.2705	0.0340	66.083	1.210	53.104	10.727	611.510	66.458	0.000
14/11/2018	19:00:00	BIT	3.7098	5.2697	17.132	22.398	6.6962	0.0466	69.842	1.885	61.052	8.203	611.680	2.801	0.000
14/11/2018	20:00:00	BIT	3.9789	4.8421	20.309	25.240	6.1909	0.0775	283.710	1.052	66.071	6.950	612.040	2.313	0.000
14/11/2018	21:00:00	BIT	3.9111	3.8271	20.800	24.623	6.1408	0.0465	300.380	1.109	67.255	6.464	612.370	2.388	0.000
14/11/2018	22:00:00	BIT	3.8227	5.1241	21.789	26.873	6.1220	0.0350	312.520	1.644	69.097	5.734	612.600	2.276	0.000
14/11/2018	23:00:00	BIT	3.8251	4.4650	21.397	25.873	6.1465	0.0278	318.230	1.659	71.189	4.778	612.730	2.322	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	3.73209	3.3512	13.127	16.479	6.27	0.0311
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	15/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
15/11/2018	01:00:00	15.713	0.7066	0.3541	6.297	6.648	6.1725	0.0187	70.824	1.945	86.729	15.270	611.230	2.180	0.000
15/11/2018	02:00:00	14.579	CAL	CAL	CAL	CAL	6.2659	0.0159	81.972	1.316	93.196	15.111	611.050	2.207	0.000
15/11/2018	03:00:00	9.462	CAL	0.3978	10.212	10.610	6.0748	0.0145	102.310	0.381	96.941	14.629	610.880	2.221	0.000
15/11/2018	04:00:00	6.249	0.0000	0.6208	11.034	11.655	AE	0.0193	314.830	0.759	100.000	14.164	610.810	2.153	0.000
15/11/2018	05:00:00	3.608	0.0000	1.2160	13.061	14.269	6.1443	0.0240	320.320	0.414	100.000	14.065	610.720	2.235	0.000
15/11/2018	06:00:00	4.074	0.0019	6.8486	14.834	21.725	6.5944	0.0220	228.070	0.734	97.436	14.624	610.910	2.103	0.000
15/11/2018	07:00:00	1.452	0.2821	15.4070	18.272	33.616	7.0230	0.0340	77.873	0.280	98.003	14.625	611.200	2.225	0.000
15/11/2018	08:00:00	1.572	0.5941	38.3350	18.522	56.411	7.1476	0.0645	316.660	0.657	97.594	14.814	611.480	5.611	0.000
15/11/2018	09:00:00	2.676	0.9714	43.5520	19.691	63.384	7.4125	0.0836	154.040	0.552	99.083	15.221	611.610	75.878	0.000
15/11/2018	10:00:00	7.622	0.3800	20.0790	19.424	39.512	7.3726	0.1293	242.410	0.437	88.957	16.717	611.830	287.360	0.000
15/11/2018	11:00:00	15.049	0.0000	18.4590	20.793	39.287	7.5577	0.1117	128.250	1.004	68.130	19.143	611.790	588.980	0.000
15/11/2018	12:00:00	23.086	0.0000	5.7169	10.895	16.542	7.5241	0.0756	94.164	2.454	62.198	20.043	611.790	437.850	0.000
15/11/2018	13:00:00	21.799	0.0000	3.6243	6.984	10.608	6.8988	0.0438	70.207	1.862	64.942	19.886	611.610	237.360	0.000
15/11/2018	14:00:00	21.248	0.0000	3.2725	6.497	9.788	6.7585	0.0314	83.465	1.913	61.495	20.882	611.080	327.480	0.000
15/11/2018	15:00:00	22.100	0.0000	3.0258	5.855	8.893	6.8865	0.0307	85.016	2.217	58.059	21.913	610.450	524.340	0.000
15/11/2018	16:00:00	21.522	0.0000	2.3310	4.810	7.133	6.7186	0.0373	83.535	3.308	57.542	22.055	610.010	365.310	0.000
15/11/2018	17:00:00	22.016	0.0000	2.3464	4.300	6.654	6.4378	0.0283	69.312	3.975	55.733	22.182	609.750	424.860	0.000
15/11/2018	18:00:00	21.299	0.0000	2.6602	5.248	7.960	6.5986	0.0293	83.339	3.996	57.158	21.904	609.720	272.730	0.000
15/11/2018	19:00:00	20.379	0.0000	2.0694	6.459	8.515	6.7423	0.0253	95.067	3.859	55.810	21.729	609.780	178.630	0.000
15/11/2018	20:00:00	19.132	0.0000	1.4049	7.474	8.874	6.5557	0.0217	87.690	4.353	60.593	20.252	610.120	18.510	0.000
15/11/2018	21:00:00	16.770	0.0000	1.3106	9.673	10.999	6.8547	0.0214	90.389	3.557	67.241	18.901	610.690	2.204	0.000
15/11/2018	22:00:00	13.532	0.0000	1.3409	11.972	13.318	6.8861	0.0193	87.892	2.437	73.469	18.133	611.160	2.254	0.000
15/11/2018	23:00:00	13.015	0.0000	1.3435	11.715	13.057	7.2975	0.0250	88.503	2.326	80.030	17.677	611.580	2.215	0.000
15/11/2018	00:00:00	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE

PROMEDIO 24 HORAS	13.824	0.13981	7.9871	11.092	19.066	6.81	0.0403
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:	16/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
16/11/2018	00:00:00	2.909	0.0000	12.5380	27.663	40.235	7.8325	0.0337	36.900	0.435	70.691	7.832	610.740	2.301	0.000
16/11/2018	01:00:00	1.240	1.7733	12.5330	28.244	40.782	7.1537	0.0847	151.080	0.828	74.039	7.218	610.620	2.260	0.000
16/11/2018	02:00:00	1.193	2.1032	12.0050	27.544	39.542	7.6115	0.1043	354.630	0.249	76.775	6.856	610.540	2.231	0.000
16/11/2018	03:00:00	1.425	1.9753	9.2551	23.679	32.996	7.2210	0.0846	335.590	0.409	79.968	6.316	610.300	2.294	0.000
16/11/2018	04:00:00	1.776	1.9161	4.4383	22.108	26.540	6.8295	0.0530	296.920	0.348	85.972	5.827	610.250	2.131	0.000
16/11/2018	05:00:00	1.447	1.9738	7.6186	21.789	29.362	6.5850	0.0458	300.500	0.068	88.708	5.700	610.260	2.179	0.000
16/11/2018	06:00:00	1.518	2.1879	49.2530	19.459	68.706	6.8041	0.0468	306.280	0.000	90.244	5.254	610.270	2.332	0.000
16/11/2018	07:00:00	1.467	2.8044	72.4860	21.415	93.875	7.0763	0.0626	343.130	0.000	93.556	4.770	610.500	3.163	0.000
16/11/2018	08:00:00	1.564	3.6243	145.0200	26.127	170.800	7.8353	0.0811	343.230	0.000	90.918	5.547	610.910	96.465	0.000
16/11/2018	09:00:00	3.103	3.5106	103.2000	31.674	135.050	7.9937	0.1521	233.140	0.027	69.743	8.899	611.040	298.230	0.000
16/11/2018	10:00:00	7.832	2.9941	57.8740	40.980	98.911	7.9576	0.1204	111.340	0.371	59.541	11.405	611.170	482.060	0.000
16/11/2018	11:00:00	11.292	3.2442	71.0280	64.690	135.550	10.4020	0.1204	113.720	1.021	51.736	13.510	610.940	635.720	0.000
16/11/2018	12:00:00	24.227	2.6255	26.1440	44.003	69.896	10.0040	0.1571	110.770	0.944	41.221	16.459	610.260	734.390	0.000
16/11/2018	13:00:00	38.232	2.0780	7.0593	21.479	28.584	9.1852	0.1146	138.050	1.052	36.118	18.283	609.470	763.650	0.000
16/11/2018	14:00:00	43.842	2.0148	4.6216	19.483	24.130	10.7550	0.0805	133.990	1.338	33.280	19.910	608.620	714.420	0.000
16/11/2018	15:00:00	44.577	1.9233	3.5317	16.962	20.495	14.7240	0.0736	113.020	1.895	31.950	20.881	608.020	600.660	0.000
16/11/2018	16:00:00	45.258	1.8296	2.5446	14.467	17.005	29.9030	0.0686	86.888	1.879	30.825	21.654	607.600	446.560	0.000
16/11/2018	17:00:00	42.864	1.8023	1.9289	13.608	15.491	21.4180	0.0706	68.040	1.792	30.243	21.957	607.380	246.150	0.000
16/11/2018	18:00:00	26.813	1.9442	2.0053	17.914	19.922	9.6846	0.0591	67.965	2.352	41.090	19.280	607.550	42.311	0.000
16/11/2018	19:00:00	11.676	2.1074	3.7708	31.784	35.655	7.6765	0.0521	103.590	2.417	45.082	16.718	608.280	2.596	0.000
16/11/2018	20:00:00	9.032	2.3754	7.6139	36.505	44.149	8.9967	0.0523	73.339	1.083	45.493	15.231	608.870	2.374	0.000
16/11/2018	21:00:00	2.390	2.7342	32.7630	44.385	77.047	8.8655	0.0575	51.801	0.327	48.484	14.082	609.330	2.246	0.000
16/11/2018	22:00:00	2.132	2.8467	35.4180	43.548	78.880	9.3361	0.0901	88.280	0.289	51.201	13.362	609.540	2.371	0.000
16/11/2018	23:00:00	0.897	3.1047	53.2010	39.905	93.132	7.9771	0.1616	338.610	0.594	57.993	12.445	609.620	2.331	0.000

PROMEDIO 24 HORAS	13.696	2.31222	30.7438	29.142	59.864	9.99	0.0845
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:	17/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
17/11/2018	00:00:00	0.947	3.0759	41.5230	33.942	75.304	7.8090	0.1920	312.800	0.563	61.553	11.796	609.760	2.260	0.000
17/11/2018	01:00:00	0.860	2.9952	74.6340	30.231	104.940	7.6577	0.1367	311.900	0.383	67.084	10.616	609.670	2.171	0.000
17/11/2018	02:00:00	0.622	2.8161	43.9840	28.303	71.984	6.6686	0.1111	313.250	0.047	67.930	10.279	609.520	2.220	0.000
17/11/2018	03:00:00	0.698	2.4163	38.3510	27.361	65.746	6.5742	0.0888	326.980	0.214	71.394	9.452	609.450	2.272	0.000
17/11/2018	04:00:00	0.386	2.2998	20.5580	27.956	48.508	CAL	0.0914	343.240	0.300	76.340	8.674	609.380	2.262	0.000
17/11/2018	05:00:00	1.067	2.0177	9.8084	27.906	37.722	5.9652	0.0704	328.070	0.726	81.427	8.148	609.440	2.204	0.000
17/11/2018	06:00:00	1.616	2.2528	14.4590	28.487	42.953	6.1646	0.0507	300.020	0.328	88.988	7.556	609.700	2.301	0.000
17/11/2018	07:00:00	0.945	2.2543	32.4530	28.308	60.521	6.3414	0.0469	183.640	0.097	92.804	7.319	609.940	4.354	0.000
17/11/2018	08:00:00	1.187	2.9980	71.2380	28.619	99.762	7.4627	0.0773	166.390	0.146	91.747	7.620	610.440	47.676	0.000
17/11/2018	09:00:00	4.452	3.1094	61.6000	33.991	95.293	8.2805	0.1598	116.670	0.258	73.913	10.432	610.790	306.970	0.000
17/11/2018	10:00:00	8.860	3.0330	52.1820	45.719	97.815	9.2738	0.1830	95.069	0.895	57.587	14.074	610.920	455.930	0.000
17/11/2018	11:00:00	16.966	2.6970	25.9160	44.107	70.070	9.8085	0.1632	140.930	0.338	50.895	16.031	610.640	530.550	0.000
17/11/2018	12:00:00	28.139	2.3915	16.0490	35.496	51.566	8.2152	0.1187	143.200	1.191	41.713	19.046	610.020	731.270	0.000
17/11/2018	13:00:00	37.720	2.2616	8.0855	24.927	32.991	7.9806	0.0928	81.712	2.111	37.387	20.611	609.200	725.340	0.000
17/11/2018	14:00:00	43.275	2.0931	3.6508	15.937	19.562	6.8886	0.0858	103.920	1.344	33.776	21.780	608.390	589.510	0.000
17/11/2018	15:00:00	42.662	1.8424	1.5361	9.485	11.038	6.5754	0.0761	195.040	1.041	28.385	23.275	607.780	532.190	0.000
17/11/2018	16:00:00	42.340	1.9496	1.4276	11.064	12.551	6.1760	0.0450	122.120	1.101	26.793	23.674	607.580	351.480	0.000
17/11/2018	17:00:00	33.690	1.9127	1.6791	11.795	13.477	6.1065	0.0427	108.840	1.559	28.361	22.969	607.580	173.060	0.000
17/11/2018	18:00:00	30.679	2.2049	1.5037	17.288	18.803	6.3559	0.0441	49.226	1.617	40.929	20.744	607.930	53.144	0.000
17/11/2018	19:00:00	11.105	2.7111	10.5090	42.219	52.671	6.6524	0.0661	81.048	0.503	45.750	19.227	608.440	2.603	0.000
17/11/2018	20:00:00	7.471	2.6741	7.5898	45.616	53.308	6.7901	0.0851	156.720	1.020	52.197	18.124	608.920	2.263	0.000
17/11/2018	21:00:00	1.955	3.2417	33.8070	53.170	86.920	6.9515	0.0724	182.570	0.245	54.289	17.194	609.410	2.388	0.000
17/11/2018	22:00:00	2.018	3.3548	31.6090	43.914	75.605	6.5826	0.0911	241.730	0.118	51.965	16.279	609.800	2.358	0.000
17/11/2018	23:00:00	3.756	3.1024	44.8610	36.679	81.769	6.5779	0.0752	227.270	0.454	47.005	15.308	609.970	2.319	0.000

PROMEDIO 24 HORAS	13.476	2.57106	27.0423	30.522	57.537	7.12	0.0944
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:	18/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
18/11/2018	00:00:00	4.318	2.7409	11.2460	35.180	46.365	6.3470	0.0637	213.550	0.189	44.028	15.094	609.920	2.251	0.000
18/11/2018	01:00:00	CAL	2.8184	57.1480	34.865	92.171	6.2380	0.0407	173.780	0.236	50.344	14.125	609.790	2.315	0.000
18/11/2018	02:00:00	1.967	2.9545	CAL	CAL	CAL	5.8746	0.0677	281.980	0.266	47.531	14.107	609.690	2.286	0.000
18/11/2018	03:00:00	2.331	CAL	36.0000	30.548	66.389	6.7504	0.0665	187.290	0.587	51.166	13.684	609.410	2.262	0.000
18/11/2018	04:00:00	1.372	2.6192	46.1150	30.897	76.893	6.2000	0.0662	76.319	0.108	74.079	12.031	609.370	2.284	0.000
18/11/2018	05:00:00	1.845	2.4782	38.0630	28.702	66.649	6.2678	0.0733	279.870	0.529	72.284	11.481	609.410	2.203	0.000
18/11/2018	06:00:00	2.443	2.1944	15.5750	28.338	43.973	6.3571	0.0754	DI	0.059	65.875	11.051	609.520	2.399	0.000
18/11/2018	07:00:00	1.915	2.3482	49.6460	27.720	77.416	6.4510	0.0649	357.090	0.001	69.299	10.983	609.760	2.724	0.000
18/11/2018	08:00:00	2.689	3.3789	98.4960	26.759	125.810	6.6813	0.0811	340.670	0.010	69.886	11.161	610.160	32.895	0.000
18/11/2018	09:00:00	3.679	3.3395	81.8040	32.980	114.860	6.9758	0.1039	76.507	0.436	73.133	11.593	610.640	126.570	0.000
18/11/2018	10:00:00	4.956	2.8984	61.7830	40.269	102.020	7.5421	0.1602	62.814	0.626	64.658	13.993	610.990	228.990	0.000
18/11/2018	11:00:00	11.752	2.6392	29.8650	35.194	65.236	8.4726	0.1329	142.430	0.811	49.064	16.372	611.020	397.230	0.000
18/11/2018	12:00:00	27.870	2.2202	7.0278	17.005	23.992	6.7793	0.0941	113.030	1.240	32.768	19.897	610.470	683.330	0.000
18/11/2018	13:00:00	35.749	2.0690	2.9341	10.405	13.380	5.7781	0.0616	107.200	1.505	26.026	21.631	609.530	769.830	0.000
18/11/2018	14:00:00	39.818	1.9975	2.9286	11.678	14.599	6.4338	0.0390	127.680	1.345	22.882	22.608	608.710	726.110	0.000
18/11/2018	15:00:00	44.810	2.0073	2.1314	10.525	12.663	6.2623	0.0358	107.140	1.529	21.570	23.301	608.210	621.430	0.000
18/11/2018	16:00:00	46.553	1.9605	1.6674	10.004	11.672	6.2744	0.0357	101.800	1.466	22.158	23.727	607.890	460.970	0.000
18/11/2018	17:00:00	44.451	2.0460	1.4061	10.635	12.039	5.8590	0.0256	80.523	1.793	21.295	23.903	607.680	262.950	0.000
18/11/2018	18:00:00	33.890	2.0440	1.5436	13.228	14.816	5.9592	0.0327	72.849	2.497	30.416	22.458	607.770	68.195	0.000
18/11/2018	19:00:00	26.739	2.0973	0.6214	13.725	14.315	5.9940	0.0357	101.340	3.168	42.929	18.979	608.360	2.920	0.000
18/11/2018	20:00:00	24.284	2.2872	0.5754	17.823	18.416	6.0768	0.0330	110.800	3.212	45.086	17.927	608.930	2.262	0.000
18/11/2018	21:00:00	17.531	2.1074	0.8757	25.189	26.069	5.7548	0.0383	111.130	1.625	53.665	17.005	609.420	2.252	0.000
18/11/2018	22:00:00	10.501	2.4279	14.4490	36.076	50.256	5.8562	0.0418	113.150	0.462	60.030	16.117	609.760	2.390	0.000
18/11/2018	23:00:00	2.701	2.7211	28.4120	44.127	72.350	6.2483	0.0661	113.990	0.415	62.138	15.378	609.720	2.360	0.000

PROMEDIO 24 HORAS	17.138	2.45197	25.6658	24.864	50.537	6.39	0.0640
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:	19/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
19/11/2018	00:00:00	2.011	3.0251	48.8300	35.159	83.984	6.7047	0.0766	187.800	0.531	65.388	13.705	609.710	2.364	0.000
19/11/2018	01:00:00	4.338	1.7385	15.9300	29.182	45.196	6.1133	0.0929	295.800	1.257	76.835	12.228	609.760	2.229	0.000
19/11/2018	02:00:00	13.897	1.1863	0.7469	11.053	11.822	5.6091	0.0648	315.350	0.922	100.000	10.789	609.870	2.288	0.000
19/11/2018	03:00:00	17.394	0.9994	0.2639	7.058	7.320	5.2545	0.0294	278.690	0.194	100.000	10.453	609.750	2.205	0.000
19/11/2018	04:00:00	14.476	0.8896	0.1992	7.279	7.480	AE	0.0174	282.260	0.628	100.000	9.961	609.530	1.980	0.000
19/11/2018	05:00:00	10.621	0.8469	0.6220	9.728	10.362	5.4491	0.0182	304.720	0.769	100.000	9.420	609.520	2.025	0.000
19/11/2018	06:00:00	12.677	1.0255	0.5247	11.162	11.686	5.2606	0.0224	313.660	0.204	100.000	9.924	609.730	2.141	0.000
19/11/2018	07:00:00	16.734	1.1945	0.2633	11.083	11.347	5.3158	0.0293	258.970	0.372	100.000	10.061	610.110	2.729	0.000
19/11/2018	08:00:00	15.757	1.2637	0.8717	11.231	12.103	5.5458	0.0350	257.770	0.897	100.000	9.931	610.480	35.132	0.000
19/11/2018	09:00:00	17.767	1.3256	5.2831	12.049	17.336	7.1536	0.0460	176.610	0.451	100.000	10.518	610.800	220.920	0.000
19/11/2018	10:00:00	19.090	1.5132	7.7720	15.211	23.001	7.6776	0.0502	254.720	0.318	83.258	13.609	611.110	429.080	0.000
19/11/2018	11:00:00	22.531	1.5596	9.8607	21.250	31.229	6.9456	0.0627	132.470	0.486	64.501	16.555	611.080	577.740	0.000
19/11/2018	12:00:00	28.749	1.6372	10.0570	24.236	34.282	8.0653	0.0779	87.952	0.882	49.975	19.307	610.450	710.660	0.000
19/11/2018	13:00:00	35.370	1.4988	4.4463	14.675	19.138	8.7427	0.0906	124.370	0.980	33.967	22.438	609.670	692.080	0.000
19/11/2018	14:00:00	29.964	1.3476	1.9193	6.529	8.494	6.8489	0.0660	220.960	1.110	22.071	24.068	608.700	654.960	0.000
19/11/2018	15:00:00	24.703	1.2606	1.3272	4.791	6.094	5.8766	0.0320	270.300	1.813	17.648	25.247	608.060	572.970	0.000
19/11/2018	16:00:00	24.811	1.6433	2.8605	7.055	9.912	5.5220	0.0229	206.490	2.353	21.593	25.021	607.890	433.210	0.000
19/11/2018	17:00:00	25.947	1.5459	4.1931	9.558	13.830	5.9277	0.0276	70.214	1.908	26.538	24.398	607.930	251.590	0.000
19/11/2018	18:00:00	24.839	1.7322	4.0754	14.659	18.729	5.9454	0.0353	44.727	1.573	33.357	22.846	608.180	69.124	0.000
19/11/2018	19:00:00	10.538	2.1412	15.6410	33.607	49.473	6.2673	0.0587	51.520	0.297	41.857	20.844	608.580	3.037	0.000
19/11/2018	20:00:00	10.925	1.8993	2.8325	30.320	33.137	6.1364	0.0997	125.300	2.218	55.417	19.201	609.050	2.281	0.000
19/11/2018	21:00:00	11.179	1.6227	2.4124	29.692	32.129	6.1254	0.0525	96.670	1.905	57.870	18.013	609.600	2.296	0.000
19/11/2018	22:00:00	6.825	1.9952	3.9539	34.744	38.767	5.9709	0.0547	109.790	1.156	57.381	17.238	609.910	2.360	0.000
19/11/2018	23:00:00	2.918	2.0483	28.2450	37.356	65.662	6.4247	0.0579	200.360	0.312	61.264	16.279	610.170	2.354	0.000

PROMEDIO 24 HORAS	16.836	1.53917	7.2138	17.861	25.105	6.30	0.0509
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:	20/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
20/11/2018	00:00:00	3.209	2.0884	22.7920	30.914	53.746	6.3771	0.0771	272.120	0.770	66.598	15.108	610.250	2.271	0.000
20/11/2018	01:00:00	5.903	0.8942	4.9392	23.797	28.765	5.9859	0.0890	320.030	1.089	76.338	13.639	610.210	2.220	0.000
20/11/2018	02:00:00	15.007	0.5637	0.5983	10.597	11.208	5.6901	0.0600	309.130	1.359	99.834	12.861	610.280	2.212	0.000
20/11/2018	03:00:00	18.313	0.3367	0.2266	6.620	6.839	5.5362	0.0342	263.590	0.555	100.000	12.793	610.100	2.335	0.000
20/11/2018	04:00:00	15.377	0.4047	0.3002	8.990	9.291	5.3931	0.0319	180.480	0.358	100.000	13.099	610.000	2.337	0.000
20/11/2018	05:00:00	17.005	0.3961	0.4343	10.789	11.221	5.5084	0.0319	49.637	1.208	100.000	13.331	609.850	2.252	0.000
20/11/2018	06:00:00	14.169	0.3079	0.5600	14.249	14.781	5.5172	0.0331	61.884	1.272	100.000	12.921	610.080	2.263	0.000
20/11/2018	07:00:00	6.810	0.5154	2.8297	26.886	29.741	5.8183	0.0406	118.530	1.388	100.000	13.383	610.510	2.464	0.000
20/11/2018	08:00:00	3.875	1.0300	17.1620	25.234	42.402	5.8577	0.0538	35.325	0.555	100.000	13.358	611.130	18.924	0.000
20/11/2018	09:00:00	9.102	0.8866	8.7713	22.645	31.415	6.0283	0.0987	57.262	0.888	96.969	14.068	611.500	80.042	0.000
20/11/2018	10:00:00	11.976	1.0749	7.9244	20.153	28.070	5.7420	0.0885	57.028	1.227	90.625	14.583	611.810	104.300	0.000
20/11/2018	11:00:00	17.849	0.8770	6.6660	15.521	22.158	5.9007	0.0789	87.287	1.313	73.244	15.721	612.000	283.330	0.000
20/11/2018	12:00:00	24.873	0.7841	5.3992	11.487	16.873	6.1093	0.0669	95.377	1.413	63.449	17.229	611.740	616.790	0.000
20/11/2018	13:00:00	29.839	0.6965	2.8841	8.929	11.821	6.0726	0.0627	89.319	1.651	59.403	18.165	611.080	456.820	0.000
20/11/2018	14:00:00	31.428	0.9502	1.8895	8.973	10.837	6.1346	0.0574	123.850	0.848	54.793	19.006	610.330	340.390	0.000
20/11/2018	15:00:00	29.812	0.7418	2.4251	10.778	13.223	6.1511	0.0542	58.314	1.410	54.986	19.402	609.400	273.660	0.000
20/11/2018	16:00:00	29.902	0.5400	2.1109	8.101	10.224	6.1464	0.0649	191.840	2.138	56.815	19.749	609.240	418.350	0.000
20/11/2018	17:00:00	26.489	0.4203	2.0798	7.897	9.987	6.0984	0.0638	214.810	2.667	61.975	19.044	609.370	198.610	0.000
20/11/2018	18:00:00	20.737	0.5887	1.9962	13.846	15.874	6.0593	0.0547	140.940	1.820	66.073	17.825	609.680	35.120	0.000
20/11/2018	19:00:00	11.719	0.8429	2.8176	25.905	28.746	6.4538	0.0529	122.200	2.031	72.592	16.177	610.230	2.378	0.000
20/11/2018	20:00:00	9.523	0.9587	4.8236	29.703	34.550	6.5253	0.0483	129.830	1.705	75.581	15.080	610.890	2.347	0.000
20/11/2018	21:00:00	19.288	0.8104	1.3362	16.872	18.200	6.4900	0.0483	88.833	2.566	77.942	14.257	611.580	2.267	0.000
20/11/2018	22:00:00	20.808	0.8563	1.1753	15.231	16.406	6.0194	0.0377	63.747	2.212	82.751	13.722	612.100	2.326	0.000
20/11/2018	23:00:00	24.125	0.8931	0.6977	10.710	11.437	6.1657	0.0378	75.130	3.104	87.816	13.644	612.140	2.345	0.000

PROMEDIO 24 HORAS	17.381	0.76911	4.2850	16.034	20.326	5.99	0.0570
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:	21/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
21/11/2018	00:00:00	25.577	0.8617	0.5412	9.882	10.426	6.1853	0.0358	81.412	3.122	89.704	13.479	612.140	2.199	0.000
21/11/2018	01:00:00	24.415	1.7071	0.4431	9.026	9.475	6.2523	0.0366	69.895	2.603	92.562	13.158	611.880	2.114	0.000
21/11/2018	02:00:00	23.372	1.6540	0.4308	6.314	6.746	6.3526	0.0290	57.893	1.679	96.906	12.974	611.860	2.214	0.000
21/11/2018	03:00:00	21.773	1.6970	0.3476	6.273	6.622	6.6810	0.0204	36.869	1.507	98.413	12.830	611.650	2.220	0.000
21/11/2018	04:00:00	20.463	1.7062	0.2894	7.078	7.369	CAL	0.0224	70.116	1.605	97.220	12.867	611.540	2.209	0.000
21/11/2018	05:00:00	22.420	1.7409	0.3453	7.311	7.663	6.3282	0.0240	125.060	1.166	95.305	12.917	611.400	2.258	0.000
21/11/2018	06:00:00	16.823	1.7861	0.3349	10.327	10.678	6.2043	0.0222	192.800	0.571	97.956	12.789	611.420	2.272	0.000
21/11/2018	07:00:00	17.294	1.8419	0.5494	13.812	14.325	6.2488	0.0234	171.260	1.182	95.212	12.915	611.720	2.439	0.000
21/11/2018	08:00:00	11.407	2.3016	5.5972	19.614	25.186	6.1912	0.0227	234.710	1.062	98.326	12.726	612.270	19.702	0.000
21/11/2018	09:00:00	9.140	2.2493	9.6034	18.877	28.511	6.4262	0.0422	241.250	1.075	99.894	12.817	612.740	104.150	0.000
21/11/2018	10:00:00	18.215	2.1246	6.2112	12.368	18.590	7.3823	0.0575	224.440	0.729	81.071	14.864	612.800	486.580	0.000
21/11/2018	11:00:00	18.494	2.3794	13.4520	24.327	37.785	8.0132	0.0569	115.010	1.073	62.911	17.633	612.590	596.970	0.000
21/11/2018	12:00:00	26.104	2.2155	11.4720	26.017	37.509	8.3911	0.0919	125.600	1.716	55.170	19.531	611.980	686.510	0.000
21/11/2018	13:00:00	31.073	1.9663	7.8549	20.723	28.574	21.1210	0.1194	82.323	1.796	47.341	21.744	611.200	724.120	0.000
21/11/2018	14:00:00	33.172	1.7820	5.3854	19.341	24.721	33.3180	0.1218	84.279	1.636	42.380	23.284	610.320	682.850	0.000
21/11/2018	15:00:00	BIT	1.7792	3.2864	14.245	17.554	36.0170	0.1081	90.190	1.727	36.796	24.309	609.670	491.780	0.000
21/11/2018	16:00:00	BIT	1.6835	1.9636	12.265	14.218	16.3550	0.0809	107.070	1.789	33.618	24.818	609.280	322.890	0.000
21/11/2018	17:00:00	BIT	1.9040	1.9652	18.112	20.109	12.0270	0.0620	59.670	1.088	33.767	24.653	609.130	113.020	0.000
21/11/2018	18:00:00	BIT	1.9546	2.2793	20.341	22.517	11.3560	0.0747	48.738	1.477	45.523	22.751	609.470	24.307	0.000
21/11/2018	19:00:00	BIT	1.9088	3.1124	27.797	30.926	8.1493	0.1185	80.030	1.396	53.330	20.912	609.950	2.723	0.000
21/11/2018	20:00:00	BIT	2.1125	5.8830	30.508	36.375	7.5353	0.0696	151.180	1.823	60.069	19.785	610.320	2.218	0.000
21/11/2018	21:00:00	BIT	2.6418	34.2060	34.890	68.831	7.7242	0.0515	149.300	0.101	63.353	19.193	610.760	2.383	0.000
21/11/2018	22:00:00	BIT	3.4487	101.8800	35.106	137.790	8.8758	0.0973	123.740	0.793	69.502	17.640	611.060	2.323	0.000
21/11/2018	23:00:00	BIT	2.4670	24.8930	29.664	54.548	10.1470	0.2461	302.170	1.527	78.568	15.619	611.350	2.323	0.000

PROMEDIO 24 HORAS	21.316	1.99640	10.0969	18.092	28.210	11.01	0.0681
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:	22/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS							
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia	
22/11/2018	00:00:00	BIT	2.0459	8.4483	24.366	32.827	7.9648	0.1736	324.440	1.187	90.607	14.801	611.410	2.229	0.000	
22/11/2018	01:00:00	BIT	2.3594	1.3287	14.576	15.881	6.9378	0.0677	319.680	0.990	98.979	13.801	611.330	2.177	0.000	
22/11/2018	02:00:00	BIT	2.2041	0.5987	9.341	9.942	5.9016	0.0248	318.670	1.292	100.000	13.020	611.150	2.203	0.000	
22/11/2018	03:00:00	BIT	2.0923	0.2094	6.202	6.418	5.3745	0.0176	311.360	1.179	100.000	11.610	611.080	2.284	0.000	
22/11/2018	04:00:00	BIT	2.2137	0.3324	4.974	5.308	5.3287	0.0135	273.120	0.985	100.000	11.545	610.920	2.115	0.000	
22/11/2018	05:00:00	BIT	2.1128	0.3188	5.222	5.542	5.4855	0.0111	309.440	0.745	100.000	11.341	611.140	1.726	0.000	
22/11/2018	06:00:00	BIT	2.2971	0.3430	5.517	5.863	5.5557	0.0089	292.620	0.784	100.000	11.438	611.480	1.671	0.000	
22/11/2018	07:00:00	BIT	2.3991	0.8037	9.651	10.467	5.8595	0.0086	287.710	0.791	100.000	11.180	611.920	1.882	0.000	
22/11/2018	08:00:00	BIT	2.6990	4.6803	15.521	20.176	5.8620	0.0110	278.700	0.211	100.000	10.954	612.280	18.048	0.000	
22/11/2018	09:00:00	BIT	2.9081	13.9280	18.700	32.640	5.5597	0.0286	105.160	0.249	100.000	11.148	612.600	97.502	0.000	
22/11/2018	10:00:00	BIT	3.0262	21.2490	20.225	41.513	5.9864	0.0451	78.090	0.715	100.000	11.827	612.760	186.920	0.000	
22/11/2018	11:00:00	BIT	3.3683	27.2650	24.897	52.144	5.9799	BIT	78.136	0.702	100.000	14.235	612.560	578.810	0.000	
22/11/2018	12:00:00	BIT	2.9324	12.9820	25.158	38.121	6.0580	BIT	97.019	1.262	73.198	18.255	611.960	698.760	0.000	
22/11/2018	13:00:00	BIT	2.6259	6.3533	17.806	24.162	6.3116	BIT	97.906	1.226	55.578	21.061	611.190	715.470	0.000	
22/11/2018	14:00:00	BIT	2.3811	2.8309	10.773	13.559	6.6284	BIT	109.680	1.556	45.105	23.241	610.120	677.300	0.000	
22/11/2018	15:00:00	BIT	2.3961	1.4799	10.478	11.961	6.7838	BIT	110.160	1.441	37.448	24.780	609.290	573.680	0.000	
22/11/2018	16:00:00	BIT	2.6691	1.3299	11.382	12.699	6.7441	BIT	103.170	1.158	32.967	25.596	608.670	428.660	0.000	
22/11/2018	17:00:00	BIT	2.4063	0.8717	13.072	13.945	6.6510	BIT	91.305	0.915	30.389	26.113	608.300	241.400	0.000	
22/11/2018	18:00:00	BIT	2.9098	2.4663	31.079	33.394	6.9302	BIT	90.184	0.998	31.999	25.200	608.490	61.165	0.000	
22/11/2018	19:00:00	BIT	3.3854	7.9263	43.345	51.265	7.4091	BIT	137.610	0.840	47.391	21.925	608.980	2.837	0.000	
22/11/2018	20:00:00		4.403	3.1248	8.4101	40.341	48.840	6.8281	0.3484	133.450	1.865	55.780	20.681	609.480	2.309	0.000
22/11/2018	21:00:00		1.586	3.3028	24.7720	40.733	65.548	6.5805	0.0950	123.870	0.986	59.404	19.306	609.770	2.314	0.000
22/11/2018	22:00:00		1.122	4.4714	116.1200	41.410	157.500	7.6044	0.0777	200.170	0.039	63.738	18.391	610.030	2.471	0.000
22/11/2018	23:00:00		1.432	4.3025	82.4820	36.320	118.790	7.6745	0.1339	325.170	0.820	67.110	16.514	610.120	2.259	0.000

PROMEDIO 24 HORAS	2.136	2.77640	14.4804	20.045	34.521	6.42	0.0710
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:	23/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
23/11/2018	00:00:00	1.377	3.1831	26.0900	31.129	57.046	7.0855	0.1398	307.080	0.925	75.328	15.128	610.070	2.337	0.000
23/11/2018	01:00:00	1.410	0.0000	31.5700	29.018	60.608	6.4828	0.0836	277.230	0.443	75.265	14.752	609.810	2.316	0.000
23/11/2018	02:00:00	1.410	0.0000	17.0940	28.825	45.864	5.8406	0.0777	317.450	0.660	74.706	13.860	609.770	2.207	0.000
23/11/2018	03:00:00	1.328	0.0000	22.1290	25.719	47.831	5.3979	0.0691	18.300	0.096	84.341	13.119	609.530	2.190	0.000
23/11/2018	04:00:00	2.285	0.0000	8.0841	22.559	30.712	CAL	0.0636	160.290	0.547	95.285	12.394	609.470	2.180	0.000
23/11/2018	05:00:00	2.455	0.0000	1.3506	19.944	21.298	5.4883	0.0510	8.770	0.000	100.000	12.111	609.400	2.258	0.000
23/11/2018	06:00:00	0.000	0.0000	29.0000	21.403	50.457	5.5113	0.0360	6.547	0.022	100.000	11.873	609.390	2.238	0.000
23/11/2018	07:00:00	0.383	0.2385	71.0190	22.792	94.023	5.7519	0.0603	247.880	0.146	97.514	11.381	609.550	2.851	0.000
23/11/2018	08:00:00	0.577	0.9940	109.6500	24.810	134.270	6.6757	0.0946	25.003	0.155	97.786	11.652	609.920	80.757	0.000
23/11/2018	09:00:00	2.121	1.2987	120.3700	39.147	159.430	8.5384	0.1737	17.065	0.031	72.071	15.216	610.120	277.840	0.000
23/11/2018	10:00:00	6.116	1.6353	87.9980	60.778	148.680	11.1400	0.2115	63.655	0.778	52.845	18.815	610.190	460.750	0.000
23/11/2018	11:00:00	12.889	1.1217	65.2120	77.054	142.290	12.3750	0.2255	79.912	0.885	39.188	22.028	609.850	607.180	0.000
23/11/2018	12:00:00	26.045	0.1435	11.2980	23.737	35.430	8.5034	0.1917	211.340	1.996	23.219	24.701	609.250	718.410	0.000
23/11/2018	13:00:00	28.558	0.0000	1.6766	5.193	6.865	5.6032	0.0650	273.160	2.800	17.383	25.949	608.490	755.870	0.000
23/11/2018	14:00:00	29.411	0.0000	1.6317	4.799	6.427	5.4013	0.0319	282.700	3.008	15.702	26.783	607.600	739.630	0.000
23/11/2018	15:00:00	29.273	0.0498	1.5121	4.764	6.277	5.3439	0.0221	292.470	2.652	14.993	27.511	606.870	622.700	0.000
23/11/2018	16:00:00	32.537	0.0715	1.2696	4.847	6.125	5.0517	0.0116	293.170	2.493	12.113	27.865	606.480	471.060	0.000
23/11/2018	17:00:00	34.228	0.0000	1.3622	6.722	8.072	5.5928	0.0102	287.610	1.743	12.122	27.757	606.370	254.670	0.000
23/11/2018	18:00:00	28.522	0.2405	2.1624	16.895	18.874	5.6274	0.0107	299.870	1.106	13.044	26.972	606.520	67.460	0.000
23/11/2018	19:00:00	3.192	1.3967	33.6450	46.594	80.200	5.9836	0.0299	284.100	0.942	17.693	24.647	606.760	2.807	0.000
23/11/2018	20:00:00	3.318	1.2196	27.5410	38.579	66.071	6.5370	0.0847	256.850	1.177	22.345	22.176	607.140	2.357	0.000
23/11/2018	21:00:00	4.756	1.5304	55.6530	36.814	91.923	6.6116	0.0482	220.780	1.312	24.944	20.662	607.740	2.340	0.000
23/11/2018	22:00:00	1.760	1.3020	48.1720	43.991	92.213	7.3132	0.0745	205.480	0.521	25.456	20.243	608.140	2.284	0.000
23/11/2018	23:00:00	1.379	2.2102	105.7200	42.475	148.020	7.8598	0.0701	227.900	0.432	29.967	18.957	608.460	2.328	0.000

PROMEDIO 24 HORAS	10.639	0.69314	36.7171	28.275	64.959	6.77	0.0807
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:	24/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/11/2018	00:00:00	1.570	1.2644	38.8270	36.989	76.194	6.8501	0.0866	256.320	0.577	33.806	17.600	608.560	2.243	0.000
24/11/2018	01:00:00	12.951	2.7662	1.8593	19.164	21.003	6.2413	0.0674	223.730	1.519	34.460	16.963	608.180	2.264	0.000
24/11/2018	02:00:00	10.037	2.9362	4.6218	23.680	28.069	6.5322	0.0270	130.720	0.425	39.845	16.204	608.100	2.207	0.000
24/11/2018	03:00:00	0.625	3.2719	18.3030	34.144	52.450	7.0569	0.0408	51.616	0.589	56.886	14.675	607.670	2.234	0.000
24/11/2018	04:00:00	2.144	2.7470	5.7900	29.092	34.823	7.4689	0.0608	272.310	0.615	54.958	14.326	607.510	2.197	0.000
24/11/2018	05:00:00	5.665	2.5919	3.3631	20.922	24.215	6.9671	0.0383	316.070	0.692	49.637	13.209	607.530	2.242	0.000
24/11/2018	06:00:00	3.580	2.7440	18.9590	22.714	41.874	6.9825	0.0330	302.520	0.444	53.535	12.496	607.460	2.279	0.000
24/11/2018	07:00:00	0.661	2.6861	14.0670	26.542	40.644	7.3133	0.0498	307.750	0.696	57.634	11.781	607.730	3.335	0.000
24/11/2018	08:00:00	1.303	3.8537	81.3670	28.562	110.830	7.7107	0.0518	313.750	0.185	58.264	12.168	608.100	57.953	0.000
24/11/2018	09:00:00	3.200	3.9882	78.8490	33.534	112.290	8.2935	0.1050	194.450	0.360	53.586	14.520	608.360	216.950	0.000
24/11/2018	10:00:00	8.338	3.5133	45.0000	39.606	84.617	9.7357	0.1007	98.179	0.886	43.870	18.397	608.600	474.040	0.000
24/11/2018	11:00:00	11.692	3.7881	55.2640	65.817	121.160	12.2240	0.1163	99.080	1.278	38.051	21.109	608.380	535.680	0.000
24/11/2018	12:00:00	25.329	2.8201	11.7560	22.947	34.537	10.8250	0.1570	169.780	2.849	26.576	24.194	607.600	715.200	0.000
24/11/2018	13:00:00	28.287	2.4233	2.6427	7.407	10.048	6.9816	0.0794	227.490	3.590	19.448	26.101	606.690	738.590	0.000
24/11/2018	14:00:00	28.822	2.4763	2.3119	6.199	8.530	6.6432	0.0381	246.820	3.214	13.690	27.305	605.570	690.480	0.000
24/11/2018	15:00:00	27.809	2.4876	2.1475	6.171	8.326	6.8313	0.0216	248.750	2.602	14.358	27.953	604.860	609.030	0.000
24/11/2018	16:00:00	27.534	2.4925	2.0050	6.015	8.023	7.1358	0.0163	253.590	2.561	14.261	28.048	604.480	460.990	0.000
24/11/2018	17:00:00	27.344	2.5431	2.0466	8.737	10.806	6.8347	0.0220	243.410	2.357	16.458	27.608	604.410	237.640	0.000
24/11/2018	18:00:00	24.475	2.7017	1.7612	13.289	15.049	6.8083	0.0215	228.800	2.705	18.443	26.243	604.570	57.195	0.000
24/11/2018	19:00:00	10.135	2.9865	8.5638	33.913	42.518	7.1312	0.0220	246.520	1.693	21.425	24.282	604.960	3.099	0.000
24/11/2018	20:00:00	2.976	3.5196	17.9960	40.261	58.245	7.5121	0.0459	242.240	1.648	25.012	22.584	605.620	2.237	0.000
24/11/2018	21:00:00	9.914	2.9807	5.9467	27.270	33.118	7.2255	0.0481	231.040	2.289	26.023	21.887	606.060	2.307	0.000
24/11/2018	22:00:00	14.714	2.8560	3.7533	21.038	24.787	6.8141	0.0351	244.540	2.320	28.293	21.215	606.440	2.239	0.000
24/11/2018	23:00:00	19.070	2.6855	2.2164	13.482	15.733	6.7878	0.0291	227.500	3.130	32.155	20.455	606.660	2.191	0.000

PROMEDIO 24 HORAS	12.841	2.88016	17.8924	24.479	42.412	7.54	0.0547
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:	25/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
25/11/2018	00:00:00	23.682	2.5277	0.7370	8.384	9.125	6.6433	0.0278	234.910	2.892	35.120	19.418	607.010	2.192	0.000
25/11/2018	01:00:00	CAL	1.0670	0.7732	7.813	8.571	6.7309	0.0201	236.230	2.326	36.669	18.704	607.100	2.195	0.000
25/11/2018	02:00:00	21.965	0.6342	CAL	CAL	CAL	6.4304	0.0185	231.010	2.552	38.558	18.001	607.300	2.199	0.000
25/11/2018	03:00:00	23.438	CAL	0.4365	6.464	6.894	6.2229	0.0156	233.560	2.925	39.955	17.489	607.350	2.198	0.000
25/11/2018	04:00:00	25.425	0.7224	0.4002	5.697	6.097	CAL	0.0221	232.010	3.464	43.186	16.802	607.410	2.153	0.000
25/11/2018	05:00:00	25.374	0.5868	0.2169	5.188	5.406	6.5422	0.0196	227.000	3.665	46.083	16.209	607.420	2.279	0.000
25/11/2018	06:00:00	24.383	0.7703	0.3667	5.584	5.950	6.4147	0.0197	227.420	3.331	49.229	15.657	607.470	2.217	0.000
25/11/2018	07:00:00	21.601	0.7139	0.7363	7.136	7.872	6.5539	0.0194	224.850	3.009	50.449	15.201	607.710	2.526	0.000
25/11/2018	08:00:00	18.688	0.5848	1.2297	9.186	10.400	6.4931	0.0167	239.580	1.486	48.771	15.396	607.940	60.161	0.000
25/11/2018	09:00:00	18.499	0.9805	3.1840	9.233	12.408	7.1241	0.0196	224.150	2.114	42.023	17.196	608.120	239.610	0.000
25/11/2018	10:00:00	20.399	0.9415	2.6138	6.822	9.427	6.9424	0.0228	215.600	2.038	33.329	19.408	608.190	370.730	0.000
25/11/2018	11:00:00	23.036	0.8027	1.9229	5.190	7.091	6.8063	0.0184	233.270	1.330	30.854	21.170	608.080	512.010	0.000
25/11/2018	12:00:00	24.459	0.8717	5.3255	12.492	17.772	7.8534	0.0218	110.840	1.386	29.620	22.857	607.600	583.170	0.000
25/11/2018	13:00:00	29.503	0.8391	3.8355	13.801	17.637	8.5052	0.0327	109.730	1.676	28.587	23.599	607.080	481.230	0.000
25/11/2018	14:00:00	32.802	0.7949	3.1619	11.726	14.893	9.9396	0.0404	129.890	1.618	26.544	24.404	606.560	454.940	0.000
25/11/2018	15:00:00	24.298	0.6714	2.1911	6.176	8.364	7.5964	0.0419	234.960	2.943	20.406	25.035	606.200	299.470	0.000
25/11/2018	16:00:00	24.174	0.7688	2.2641	7.981	10.257	7.4229	0.0248	250.730	3.395	18.815	24.519	606.190	197.680	0.000
25/11/2018	17:00:00	22.649	0.9428	2.8593	11.663	14.550	7.2605	0.0224	243.070	3.032	21.794	23.648	606.410	86.858	0.000
25/11/2018	18:00:00	22.090	1.1618	1.9668	14.172	16.138	7.5779	0.0187	237.750	2.575	25.758	22.713	606.580	21.665	0.000
25/11/2018	19:00:00	18.366	1.1517	2.1078	17.445	19.509	7.3885	0.0277	254.910	1.778	29.478	21.928	607.150	2.365	0.000
25/11/2018	20:00:00	6.300	1.6748	23.5950	33.058	57.008	8.6154	0.0229	124.230	0.768	33.848	20.559	607.680	2.281	0.000
25/11/2018	21:00:00	3.288	1.9091	23.0000	35.270	58.119	8.2890	0.0985	229.410	1.085	35.540	19.840	608.160	2.365	0.000
25/11/2018	22:00:00	1.953	1.9516	40.5140	36.317	76.830	8.6956	0.1199	179.700	0.572	35.367	19.807	608.460	2.348	0.000
25/11/2018	23:00:00	8.025	1.3256	12.9330	25.152	38.071	8.1939	0.0992	230.370	0.925	36.013	19.158	608.620	2.255	0.000

PROMEDIO 24 HORAS	20.191	1.06066	5.9292	13.128	19.060	7.40	0.0338
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:	26/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
26/11/2018	00:00:00	4.960	1.4519	23.8890	32.014	56.184	7.8880	0.0410	73.799	1.189	43.018	18.011	608.910	2.337	0.000
26/11/2018	01:00:00	12.598	2.0241	4.7592	19.983	24.632	7.5612	0.0793	69.104	2.124	58.257	16.878	608.930	2.162	0.000
26/11/2018	02:00:00	19.522	1.9444	0.4506	11.486	11.932	6.7512	0.0588	92.851	2.157	60.321	15.961	609.100	2.182	0.000
26/11/2018	03:00:00	18.604	1.8615	0.4443	11.257	11.715	6.8996	0.0296	69.931	2.581	64.213	14.397	609.210	2.180	0.000
26/11/2018	04:00:00	19.640	1.6549	0.2051	10.010	10.237	7.6653	0.0247	97.980	1.562	64.227	13.843	609.050	2.187	0.000
26/11/2018	05:00:00	13.619	1.8434	0.6157	14.872	15.473	6.9948	0.0188	256.560	0.900	68.617	12.521	609.150	2.181	0.000
26/11/2018	06:00:00	5.741	1.9873	11.1360	22.240	33.526	6.7776	0.0298	298.470	0.134	72.382	12.081	609.350	2.301	0.000
26/11/2018	07:00:00	2.158	2.4943	36.5770	27.685	64.332	6.9198	0.0421	289.030	0.891	74.617	11.510	609.640	2.314	0.000
26/11/2018	08:00:00	2.207	2.9162	42.4680	23.882	66.413	6.8816	0.0774	298.740	0.892	73.922	11.095	610.060	64.928	0.000
26/11/2018	09:00:00	8.204	2.5322	21.3120	21.050	42.455	7.3714	0.0840	273.360	0.614	65.990	13.224	610.320	277.500	0.000
26/11/2018	10:00:00	20.655	2.0724	8.1176	14.320	22.460	7.7860	0.0684	125.060	1.405	62.960	15.809	610.620	442.040	0.000
26/11/2018	11:00:00	21.639	2.1495	5.9927	15.262	21.259	8.9474	0.0501	90.739	1.961	61.071	16.385	610.790	402.200	0.000
26/11/2018	12:00:00	23.964	1.9899	6.4309	14.981	21.419	15.3070	0.0703	64.006	1.572	56.656	17.360	610.490	504.730	0.000
26/11/2018	13:00:00	27.979	1.9481	4.7501	13.869	18.610	18.9690	0.0731	98.267	1.516	51.167	18.603	609.850	557.660	0.000
26/11/2018	14:00:00	34.818	1.9241	2.9587	10.801	13.753	15.7210	0.0720	162.040	0.935	44.974	19.959	609.060	636.930	0.000
26/11/2018	15:00:00	31.103	1.8115	2.7110	8.627	11.313	10.5120	0.0655	74.428	2.733	48.221	19.900	608.500	551.250	0.000
26/11/2018	16:00:00	30.333	1.7340	2.6933	8.735	11.449	8.6306	0.0686	105.890	2.617	48.219	19.766	608.200	408.060	0.000
26/11/2018	17:00:00	16.501	1.6603	3.4905	8.652	12.165	7.7380	0.0630	94.101	3.017	47.334	18.945	608.220	215.450	0.000
26/11/2018	18:00:00	15.390	1.8263	3.2695	12.719	15.951	6.9404	0.0495	166.260	2.086	49.806	17.009	608.670	58.908	0.000
26/11/2018	19:00:00	17.436	2.1129	2.7602	22.282	25.036	7.3010	0.0533	196.170	0.471	56.105	14.677	609.220	2.762	0.000
26/11/2018	20:00:00	BIT	2.3304	4.3370	28.074	32.524	7.0266	0.0561	133.830	2.162	60.153	12.965	609.630	2.205	0.000
26/11/2018	21:00:00	BIT	2.0588	3.1688	22.580	25.770	7.5625	0.0486	100.490	2.811	65.315	11.736	609.930	2.228	0.000
26/11/2018	22:00:00	BIT	2.2642	1.9123	20.975	22.878	8.2329	0.0464	75.776	2.187	68.492	10.842	610.280	2.343	0.000
26/11/2018	23:00:00	BIT	2.2514	1.9653	18.268	20.235	8.6892	0.0474	59.210	1.903	71.821	10.106	610.450	2.249	0.000

PROMEDIO 24 HORAS	17.354	2.03517	8.1839	17.276	25.488	8.79	0.0549
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:	27/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS							
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia	
27/11/2018	00:00:00	BIT	2.1233	1.1647	13.086	14.243	8.0907	0.0419	147.130	1.554	76.775	8.823	610.590	2.265	0.000	
27/11/2018	01:00:00	BIT	0.0000	0.5195	10.585	11.092	6.1983	0.0358	226.240	1.223	77.692	7.662	610.600	2.250	0.000	
27/11/2018	02:00:00	BIT	0.0000	0.1598	7.944	8.102	5.3738	0.0268	251.320	1.298	76.124	7.061	610.650	2.234	0.000	
27/11/2018	03:00:00	BIT	0.0000	0.2727	6.793	7.067	5.4736	0.0244	292.930	1.498	74.970	6.406	610.660	2.285	0.000	
27/11/2018	04:00:00	BIT	0.0000	0.3293	6.330	6.661	AE	0.0310	312.370	1.609	76.138	5.615	610.610	2.224	0.000	
27/11/2018	05:00:00	BIT	0.0000	0.2679	6.735	7.004	5.0780	0.0229	324.130	1.088	73.638	5.103	610.540	2.243	0.000	
27/11/2018	06:00:00	BIT	0.0000	0.3117	9.779	10.115	4.9937	0.0196	323.260	0.839	71.811	4.731	610.480	2.327	0.000	
27/11/2018	07:00:00	BIT	0.0000	1.0463	15.178	16.243	5.1434	0.0239	306.510	0.633	73.868	4.598	611.070	2.620	0.000	
27/11/2018	08:00:00	BIT	0.0000	3.5097	19.915	23.420	5.2758	0.0325	191.610	0.079	72.627	5.234	611.480	56.942	0.000	
27/11/2018	09:00:00	BIT	0.0000	8.2717	15.817	24.132	5.6961	0.0520	66.387	0.509	66.770	6.806	611.730	222.750	0.000	
27/11/2018	10:00:00	BIT	0.0000	6.7048	11.058	17.763	6.0210	0.1078	217.080	0.974	68.079	8.339	612.200	402.030	0.000	
27/11/2018	11:00:00	BIT	0.0000	3.4913	8.023	11.497	6.0799	0.0795	137.700	1.087	64.650	10.233	611.970	566.260	0.000	
27/11/2018	12:00:00		33.792	0.0000	2.2016	6.601	8.805	5.8142	0.0686	148.830	1.199	58.203	12.364	611.330	651.260	0.000
27/11/2018	13:00:00		33.332	0.0000	1.8413	7.857	9.683	5.7303	0.0702	234.630	0.616	51.345	14.699	610.370	676.960	0.000
27/11/2018	14:00:00		33.991	0.0000	1.9393	7.512	9.418	6.0497	0.0800	104.710	1.504	43.967	17.518	609.440	652.340	0.000
27/11/2018	15:00:00		33.071	0.0000	1.7561	6.456	8.200	6.0157	0.0828	122.970	1.577	40.906	18.774	608.790	550.300	0.000
27/11/2018	16:00:00	DI	31.232	1.5299	6.579	8.129	5.9372	0.0768	58.739	2.006	39.425	19.555	608.100	339.990	0.000	
27/11/2018	17:00:00	DI	26.714	1.7330	8.778	10.541	6.0037	0.0548	107.110	1.563	41.213	19.169	607.820	186.300	0.000	
27/11/2018	18:00:00	DI	20.127	2.7483	12.630	15.384	6.3080	0.0622	166.660	2.301	46.359	17.626	607.940	36.399	0.000	
27/11/2018	19:00:00		14.970	3.0987	16.508	19.596	6.1783	0.0738	275.290	1.713	53.656	15.385	608.230	2.553	0.000	
27/11/2018	20:00:00		13.487	1.9541	16.877	18.794	5.7435	0.0640	285.260	0.897	56.565	14.661	608.720	2.330	0.000	
27/11/2018	21:00:00		8.424	5.2487	20.815	26.087	5.7925	0.0488	263.870	1.039	58.844	14.112	608.920	2.407	0.000	
27/11/2018	22:00:00		12.781	2.1309	13.837	15.947	5.4608	0.0671	314.660	2.015	62.095	12.697	609.170	2.230	0.000	
27/11/2018	23:00:00		16.161	1.2963	11.565	12.853	5.3640	0.0451	278.060	1.288	64.218	12.103	609.430	2.391	0.000	

PROMEDIO 24 HORAS	23.173	0.10111	2.2303	11.136	13.366	5.82	0.0538
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:	28/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
28/11/2018	00:00:00	18.040	0.0000	0.5412	9.708	10.251	5.5304	0.0370	253.210	0.737	65.243	11.734	609.270	2.245	0.000
28/11/2018	01:00:00	19.687	0.0000	0.2844	8.245	8.531	5.3628	0.0332	317.450	1.555	67.521	10.947	609.010	2.170	0.000
28/11/2018	02:00:00	21.549	0.0000	0.2361	6.358	6.594	5.5422	0.0294	326.230	1.487	69.724	10.541	608.990	2.286	0.000
28/11/2018	03:00:00	21.069	0.0000	0.1968	5.771	5.969	5.5371	0.0294	281.330	1.415	79.684	9.943	608.780	2.323	0.100
28/11/2018	04:00:00	20.019	0.0000	0.0115	5.165	5.177	5.7486	0.0275	251.390	0.845	83.830	9.828	608.500	2.293	0.000
28/11/2018	05:00:00	20.481	0.0000	0.3126	5.224	5.537	5.5590	0.0229	247.520	0.998	83.224	9.530	608.360	2.282	0.000
28/11/2018	06:00:00	18.640	0.0000	0.2944	7.446	7.726	5.4564	0.0236	312.450	0.572	81.769	9.466	608.300	2.384	0.000
28/11/2018	07:00:00	14.574	0.0000	1.1116	13.797	14.856	5.4672	0.0215	313.100	0.945	80.271	9.562	608.430	2.353	0.000
28/11/2018	08:00:00	12.384	0.0000	3.1713	15.890	19.011	5.6467	0.0216	314.500	0.576	93.527	8.872	608.710	12.390	0.300
28/11/2018	09:00:00	10.125	0.4064	8.3775	17.833	26.219	5.6189	0.0169	237.930	0.678	98.212	9.198	608.960	61.999	0.000
28/11/2018	10:00:00	13.517	0.0886	5.0566	12.471	17.538	5.6322	0.0196	185.150	0.646	97.873	9.512	609.250	82.125	0.300
28/11/2018	11:00:00	13.414	0.0000	3.3926	14.116	17.515	5.6355	0.0226	133.650	0.505	100.000	9.191	609.340	55.306	0.900
28/11/2018	12:00:00	13.804	0.1818	3.9480	15.572	19.560	6.0277	0.0241	107.850	0.223	100.000	9.406	609.060	72.367	0.500
28/11/2018	13:00:00	13.828	0.0000	4.7672	12.183	16.938	6.1599	0.0320	72.528	0.354	100.000	9.687	608.260	113.100	0.600
28/11/2018	14:00:00	14.401	0.0000	6.0611	11.950	18.011	6.0886	0.0361	150.710	0.689	100.000	10.324	607.230	164.150	0.000
28/11/2018	15:00:00	18.062	0.0000	3.2125	10.178	13.378	6.1466	0.0314	99.036	0.427	100.000	11.139	606.590	126.980	0.000
28/11/2018	16:00:00	14.234	0.0000	3.2300	13.565	16.776	5.9963	0.0316	174.590	0.891	100.000	11.315	606.370	69.592	0.000
28/11/2018	17:00:00	12.907	0.0000	4.3788	16.154	20.510	5.9508	0.0352	323.950	1.350	100.000	11.305	606.630	29.486	0.400
28/11/2018	18:00:00	14.058	0.0000	3.1599	17.171	20.337	5.9899	0.0238	289.880	1.653	100.000	10.786	606.920	6.829	2.500
28/11/2018	19:00:00	13.117	0.0000	3.1302	16.903	19.979	5.9152	0.0134	162.340	1.172	100.000	10.449	607.180	1.894	1.700
28/11/2018	20:00:00	11.838	0.0000	3.1190	16.581	19.686	5.8791	0.0129	90.600	0.789	100.000	10.441	607.410	1.811	0.700
28/11/2018	21:00:00	10.552	0.0889	2.2166	15.660	17.883	5.8366	0.0224	248.150	0.741	100.000	10.507	607.730	1.850	0.700
28/11/2018	22:00:00	7.831	0.0000	4.1250	18.728	22.848	5.6785	0.0274	298.380	0.895	100.000	10.534	608.050	1.966	0.900
28/11/2018	23:00:00	7.741	0.0000	3.3093	16.449	19.741	5.7536	0.0140	294.310	0.394	100.000	10.498	608.180	1.954	1.600

PROMEDIO 24 HORAS	14.828	0.03190	2.8185	12.630	15.440	5.76	0.0254
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:	29/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
29/11/2018	00:00:00	7.511	0.0000	2.8468	13.941	16.800	5.7757	0.0081	324.270	0.908	100.000	10.525	608.030	1.946	1.000
29/11/2018	01:00:00	10.528	1.3506	1.3685	10.679	12.043	5.7402	0.0015	323.740	1.468	100.000	10.405	607.850	2.128	1.100
29/11/2018	02:00:00	13.788	1.6415	0.5458	6.984	7.528	5.7339	0.0000	317.040	1.563	100.000	10.433	607.700	1.999	1.200
29/11/2018	03:00:00	16.852	1.2020	0.2117	5.753	5.963	5.7414	0.0032	322.850	1.575	100.000	10.421	607.520	2.264	0.800
29/11/2018	04:00:00	17.822	1.4642	0.0914	5.163	5.256	AE	0.0034	316.230	0.568	100.000	10.482	607.510	2.254	1.200
29/11/2018	05:00:00	16.182	1.6605	0.0625	6.223	6.276	5.6344	0.0036	328.710	0.713	100.000	10.475	607.590	2.133	0.700
29/11/2018	06:00:00	10.638	1.2202	0.6498	11.718	12.368	5.5565	0.0075	184.700	0.366	100.000	10.346	607.670	2.267	0.500
29/11/2018	07:00:00	5.226	2.0004	7.5870	19.308	26.906	5.6674	0.0070	223.780	0.409	100.000	10.266	607.990	2.247	0.500
29/11/2018	08:00:00	2.756	1.9894	27.1730	20.737	47.922	5.9596	0.0051	104.970	0.746	100.000	10.441	608.030	27.284	0.300
29/11/2018	09:00:00	4.933	2.2809	25.9380	20.342	46.203	6.0139	0.0065	169.570	0.784	100.000	10.860	608.490	116.390	0.000
29/11/2018	10:00:00	4.099	3.0190	58.9220	29.613	88.467	6.5261	0.0085	124.720	1.411	100.000	11.863	608.710	100.870	0.100
29/11/2018	11:00:00	5.658	2.8000	58.2350	35.938	94.150	6.9179	0.0282	104.260	1.505	100.000	13.449	608.710	201.400	0.100
29/11/2018	12:00:00	8.380	2.3453	34.4490	26.932	61.388	7.4192	0.0573	87.172	2.102	97.606	14.421	608.420	268.490	0.000
29/11/2018	13:00:00	13.480	1.8007	14.1390	24.067	38.195	7.2851	0.0564	138.870	0.784	83.739	15.413	608.100	312.470	0.000
29/11/2018	14:00:00	13.712	1.9887	15.2080	28.237	43.437	6.9759	0.0392	89.855	1.321	77.219	16.096	607.490	239.630	0.000
29/11/2018	15:00:00	19.720	1.7707	7.1119	18.429	25.593	6.5259	0.0467	65.824	1.343	65.166	17.113	606.960	277.350	0.000
29/11/2018	16:00:00	19.614	1.7500	9.7721	24.417	34.212	7.0129	0.0337	92.553	1.750	58.017	17.830	606.570	332.420	0.000
29/11/2018	17:00:00	19.149	1.8293	4.3169	26.557	30.915	7.7224	0.0449	80.113	0.647	53.789	17.599	606.610	72.745	0.000
29/11/2018	18:00:00	8.804	1.9882	13.8020	34.995	48.873	6.8752	0.0350	94.111	1.471	68.455	16.431	606.880	15.116	0.000
29/11/2018	19:00:00	3.557	2.4429	31.6170	37.848	69.393	6.9002	0.0375	118.120	1.646	73.202	15.662	606.970	2.658	0.000
29/11/2018	20:00:00	3.545	2.5034	33.1170	34.630	67.614	6.6854	0.0480	96.368	0.693	78.261	15.189	607.470	2.388	0.000
29/11/2018	21:00:00	3.434	2.2830	29.4710	35.825	65.203	6.4964	0.0593	89.610	1.115	75.161	14.684	607.880	2.335	0.000
29/11/2018	22:00:00	4.318	2.1217	15.5350	32.117	47.711	8.4356	0.0588	126.440	1.000	75.725	14.354	608.060	2.296	0.000
29/11/2018	23:00:00	3.618	1.9797	19.5250	30.683	50.063	7.4230	0.0394	83.169	1.210	79.459	13.766	608.040	2.276	0.000

PROMEDIO 24 HORAS	9.889	1.89301	17.1540	22.547	39.687	6.57	0.0266
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:	30/11/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
30/11/2018	00:00:00	6.398	1.9104	3.1072	26.859	29.956	6.5794	0.0313	101.400	1.453	80.851	13.331	608.100	2.275	0.000
30/11/2018	01:00:00	2.370	2.6987	13.1900	30.538	43.760	6.2592	0.0294	93.503	0.642	91.517	12.871	607.780	2.214	0.000
30/11/2018	02:00:00	4.548	2.1293	4.0010	25.107	29.145	5.7444	0.0317	86.805	1.337	100.000	11.628	607.660	2.149	0.000
30/11/2018	03:00:00	2.755	2.2834	7.0063	24.951	31.974	5.8541	0.0384	100.070	0.987	100.000	10.860	607.420	2.201	0.000
30/11/2018	04:00:00	2.308	2.3863	5.8951	21.497	27.404	5.9850	0.0346	97.899	0.407	100.000	10.350	607.300	2.192	0.000
30/11/2018	05:00:00	1.263	2.3260	23.3150	20.647	44.002	6.1318	0.0275	114.320	0.198	100.000	10.136	607.280	2.246	0.000
30/11/2018	06:00:00	BIT	2.2093	7.0636	11.880	18.987	5.7348	0.0308	225.090	1.790	95.562	11.690	607.380	2.357	0.000
30/11/2018	07:00:00	BIT	3.0357	28.8570	19.202	48.005	5.8586	0.0142	257.350	1.403	100.000	9.592	607.550	2.465	0.000
30/11/2018	08:00:00	BIT	3.5603	114.3900	23.894	138.600	6.6857	0.0258	136.700	0.904	100.000	10.528	607.760	74.382	0.000
30/11/2018	09:00:00	BIT	3.0916	32.6750	16.250	48.773	6.4882	0.0820	217.800	3.277	78.545	13.590	608.040	274.800	0.000
30/11/2018	10:00:00	BIT	2.7465	3.8143	6.815	10.629	5.6141	0.0499	232.290	5.148	63.016	15.164	608.150	470.170	0.000
30/11/2018	11:00:00	BIT	2.6437	3.4738	6.742	10.224	5.4697	0.0216	223.510	4.491	51.165	17.178	607.890	624.400	0.000
30/11/2018	12:00:00	BIT	2.7170	3.3765	6.810	10.178	5.6195	0.0249	227.450	4.612	39.720	19.472	607.250	717.710	0.000
30/11/2018	13:00:00	BIT	2.8104	2.8415	6.095	8.925	5.3845	0.0270	238.190	5.867	26.247	21.120	606.560	758.650	0.000
30/11/2018	14:00:00	BIT	2.8035	2.5284	6.079	8.605	5.3285	0.0332	231.220	6.888	17.682	21.977	605.710	729.620	0.000
30/11/2018	15:00:00	BIT	2.8997	2.1844	6.184	8.367	5.3340	0.0284	238.490	6.144	20.633	22.288	605.400	626.570	0.000
30/11/2018	16:00:00	BIT	2.8648	2.3875	6.531	8.918	5.5064	0.0217	233.750	5.424	26.616	22.364	605.160	465.530	0.000
30/11/2018	17:00:00	BIT	2.9453	2.3214	8.140	10.449	5.6299	0.0228	225.430	4.946	31.831	21.854	605.190	269.300	0.000
30/11/2018	18:00:00	BIT	2.7529	2.1130	11.423	13.513	5.6857	0.0164	213.550	2.931	35.612	21.024	605.610	68.196	0.000
30/11/2018	19:00:00	BIT	3.1640	1.2156	13.898	15.169	5.5741	0.0174	212.770	2.021	32.625	19.951	605.900	2.983	0.000
30/11/2018	20:00:00	BIT	2.9911	1.3954	10.815	12.227	5.2226	0.0222	239.790	4.058	31.037	19.246	606.160	2.367	0.000
30/11/2018	21:00:00	BIT	3.1580	1.5994	10.046	11.631	5.1821	0.0197	241.740	4.635	32.760	18.422	606.460	2.276	0.000
30/11/2018	22:00:00	BIT	3.2174	1.4093	8.475	9.889	5.4769	0.0176	235.280	4.224	37.293	17.426	606.610	2.271	0.000
30/11/2018	23:00:00	BIT	3.4329	1.1560	7.276	8.440	5.5380	0.0176	233.090	5.285	40.853	16.786	606.670	2.354	0.000

PROMEDIO 24 HORAS	3.274	2.78243	11.3049	14.006	25.324	5.75	0.0286
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