

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
01/11/2019	00:00:00	20.094	0.2953	0.3793	10.085	10.484	0.3825	0.0195	112.120	2.345	68.188	9.776	613.680	2.059	0.000
01/11/2019	01:00:00	20.966	0.2361	0.1531	8.131	8.300	0.0000	0.0206	118.560	2.325	65.742	9.944	613.500	2.012	0.000
01/11/2019	02:00:00	21.135	0.1891	0.1919	8.145	8.319	0.0000	0.0198	125.670	2.275	64.903	10.024	613.400	1.935	0.000
01/11/2019	03:00:00	23.328	0.1538	0.0168	4.801	4.816	0.0000	0.0216	118.020	1.959	63.432	10.146	613.090	2.048	0.000
01/11/2019	04:00:00	17.106	0.1949	0.0903	14.358	14.420	0.1949	0.0157	118.240	2.056	60.477	10.267	612.920	2.124	0.000
01/11/2019	05:00:00	11.053	0.2068	0.1731	22.396	22.560	0.4939	0.0302	83.830	1.808	63.959	9.894	613.010	2.055	0.000
01/11/2019	06:00:00	11.723	0.1757	0.5644	19.644	20.199	0.1410	0.0360	58.645	1.171	63.867	9.621	613.090	2.021	0.000
01/11/2019	07:00:00	8.059	0.2454	1.4668	26.032	27.533	0.1072	0.0310	32.494	0.823	63.763	9.575	613.340	3.656	0.000
01/11/2019	08:00:00	8.691	0.3440	5.0208	24.092	29.101	0.1448	0.0433	92.287	0.893	64.276	9.637	613.510	40.003	0.000
01/11/2019	09:00:00	11.172	0.3754	8.1656	20.177	28.356	1.2376	0.0534	194.300	0.731	61.510	10.489	613.450	203.380	0.000
01/11/2019	10:00:00	15.889	0.3823	9.2414	15.067	24.311	1.0598	0.0659	145.850	0.691	56.882	13.076	613.450	432.070	0.000
01/11/2019	11:00:00	17.048	0.3884	9.7949	16.298	26.092	0.7602	0.0616	78.961	1.422	58.647	14.949	613.340	525.350	0.000
01/11/2019	12:00:00	21.085	0.2979	7.5969	12.726	20.276	0.9717	0.0539	86.608	1.662	53.681	17.097	612.750	771.370	0.000
01/11/2019	13:00:00	25.674	0.2471	5.7536	12.781	18.529	0.7629	0.0487	127.930	1.247	50.506	18.763	611.990	774.230	0.000
01/11/2019	14:00:00	31.935	0.2399	3.4878	10.862	14.367	0.7584	0.0515	160.750	1.033	48.135	20.163	611.170	732.220	0.000
01/11/2019	15:00:00	34.022	0.1639	2.0087	7.797	9.814	0.0119	0.0485	99.890	1.468	45.042	21.376	610.590	571.620	0.000
01/11/2019	16:00:00	27.131	0.1230	1.8595	6.338	8.181	0.0000	0.0557	199.210	2.159	45.977	21.609	610.330	431.310	0.000
01/11/2019	17:00:00	22.826	0.1488	2.4497	6.682	9.127	0.0000	0.0360	131.140	2.542	48.692	21.194	610.280	300.780	0.000
01/11/2019	18:00:00	20.985	0.2134	2.3865	9.785	12.207	0.0000	0.0428	117.450	2.501	50.977	19.863	610.560	77.543	0.000
01/11/2019	19:00:00	13.770	0.5111	4.9476	19.855	24.845	0.0000	0.0440	156.310	1.681	54.689	18.125	610.930	3.054	0.000
01/11/2019	20:00:00	8.266	0.5808	6.5605	26.509	33.022	0.0000	0.0981	166.310	1.198	55.817	16.907	611.460	2.252	0.000
01/11/2019	21:00:00	9.284	0.3834	3.5334	24.423	27.951	0.0000	0.0612	157.530	1.400	55.984	16.236	611.960	2.173	0.000
01/11/2019	22:00:00	5.961	0.4589	4.6577	28.625	33.306	0.0000	0.0429	132.480	0.620	59.645	15.642	612.290	2.260	0.000
01/11/2019	23:00:00	7.873	0.4637	8.7011	24.625	33.166	0.0000	0.0449	93.484	1.035	62.585	14.989	612.300	2.233	0.000

PROMEDIO 24 HORAS	17.295	0.29245	3.7167	15.843	19.553	0.29	0.0436
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	02/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
02/11/2019	00:00:00	2.013	0.6131	14.0520	28.675	42.566	0.0000	0.0671	349.160	0.626	67.880	13.808	612.300	2.164	0.000
02/11/2019	01:00:00	2.501	0.6072	8.5912	26.965	35.598	0.0300	0.0756	324.540	0.764	69.619	13.436	612.210	2.094	0.000
02/11/2019	02:00:00	2.044	0.6299	11.3110	26.164	37.406	0.4926	0.0601	324.930	0.754	71.168	13.062	611.990	2.058	0.000
02/11/2019	03:00:00	5.462	0.4168	2.7924	20.080	22.860	0.6362	0.0546	316.260	1.007	71.753	12.431	611.850	2.001	0.000
02/11/2019	04:00:00	5.718	0.3733	2.2555	18.607	20.792	0.3288	0.0294	308.150	0.685	74.400	12.122	611.780	2.047	0.000
02/11/2019	05:00:00	6.932	0.3033	2.1895	14.648	16.834	0.4993	0.0292	297.610	0.868	77.928	11.627	611.850	1.973	0.000
02/11/2019	06:00:00	7.480	0.2856	1.3327	14.969	16.318	0.2363	0.0174	296.460	1.020	77.639	11.515	611.930	2.048	0.000
02/11/2019	07:00:00	6.690	0.3500	2.1331	18.548	20.690	0.1404	0.0296	279.840	1.079	77.688	11.349	612.280	3.807	0.000
02/11/2019	08:00:00	7.828	0.5399	7.8357	19.918	27.715	0.5448	0.0328	266.980	0.397	75.655	11.973	612.580	58.520	0.000
02/11/2019	09:00:00	14.347	0.4646	6.4090	11.118	17.499	0.7335	0.0338	268.630	0.982	67.639	13.798	612.940	336.780	0.000
02/11/2019	10:00:00	18.639	0.3712	3.6288	6.523	10.151	0.1242	0.0342	229.450	0.630	64.056	15.543	613.060	514.420	0.000
02/11/2019	11:00:00	21.477	0.4789	4.7887	11.108	15.884	0.1602	0.0333	121.790	1.540	58.677	17.561	612.940	662.530	0.000
02/11/2019	12:00:00	20.890	0.3400	3.4868	5.437	8.940	0.5040	0.0506	78.696	2.793	58.226	19.381	612.490	784.000	0.000
02/11/2019	13:00:00	21.025	0.3059	2.1490	4.412	6.567	0.3536	0.0313	55.153	3.266	57.723	19.927	612.020	617.890	0.000
02/11/2019	14:00:00	20.199	0.2664	2.0374	3.999	6.038	0.1939	0.0339	61.559	4.527	56.366	19.979	611.510	575.010	0.000
02/11/2019	15:00:00	19.382	0.2421	1.9294	3.605	5.539	0.0671	0.0362	68.694	5.154	57.341	19.466	611.170	561.130	0.000
02/11/2019	16:00:00	20.091	0.2641	1.7766	3.749	5.530	0.0992	0.0349	72.007	5.484	60.356	18.363	611.070	493.810	0.000
02/11/2019	17:00:00	19.117	0.3030	1.9960	4.928	6.919	0.0000	0.0371	62.306	4.481	67.645	16.406	611.370	136.220	0.000
02/11/2019	18:00:00	17.447	0.3475	2.1442	6.006	8.209	0.1863	0.0326	51.264	3.387	76.141	14.951	611.680	15.339	0.000
02/11/2019	19:00:00	17.817	0.3190	1.1203	4.763	5.886	0.2467	0.0295	63.215	3.980	84.745	13.992	612.050	2.382	0.000
02/11/2019	20:00:00	16.533	0.3323	1.2181	6.542	7.755	0.4057	0.0222	66.067	3.078	91.366	13.721	612.410	2.294	0.000
02/11/2019	21:00:00	15.627	0.3221	0.9822	6.268	7.262	0.3982	0.0179	71.664	2.600	91.259	13.815	612.790	2.258	0.000
02/11/2019	22:00:00	15.331	0.2885	0.8923	6.289	7.182	0.1089	0.0163	66.877	2.908	89.770	13.785	613.050	2.094	0.000
02/11/2019	23:00:00	13.957	0.2957	0.6185	7.438	8.056	0.5154	0.0138	70.094	1.990	92.775	13.586	613.130	2.152	0.000

PROMEDIO 24 HORAS	13.273	0.37751	3.6529	11.698	15.341	0.29	0.0356
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	03/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
03/11/2019	00:00:00	14.309	0.2721	0.5191	7.274	7.790	0.1595	0.0134	116.000	2.454	95.463	13.530	613.250	2.106	0.000
03/11/2019	01:00:00	CAL	0.2604	0.3278	6.278	6.609	0.0000	0.0148	118.700	2.288	91.694	13.632	613.010	1.994	0.000
03/11/2019	02:00:00	11.998	0.2819	CAL	CAL	CAL	0.1450	0.0122	128.680	2.280	92.316	13.481	612.700	2.039	0.000
03/11/2019	03:00:00	16.692	CAL	0.2238	5.808	6.072	0.0000	0.0110	132.780	2.670	90.021	13.461	612.440	2.056	0.000
03/11/2019	04:00:00	19.426	0.2052	0.1319	2.774	2.907	CAL	0.0087	145.610	2.624	88.884	13.243	612.200	2.084	0.000
03/11/2019	05:00:00	19.824	0.1887	0.0960	2.763	2.858	0.0274	0.0055	134.390	2.178	88.132	13.122	612.050	2.101	0.000
03/11/2019	06:00:00	18.843	0.1806	0.1246	4.126	4.263	0.0000	0.0045	118.070	2.483	89.514	12.826	611.940	2.106	0.000
03/11/2019	07:00:00	15.741	0.2352	0.2634	10.516	10.762	0.0000	0.0056	96.527	1.533	92.231	12.516	612.040	3.601	0.000
03/11/2019	08:00:00	10.104	0.3901	2.1727	13.323	15.498	0.2833	0.0095	37.477	0.838	96.240	12.528	612.290	62.427	0.000
03/11/2019	09:00:00	14.924	0.3198	2.7855	9.180	11.962	0.0852	0.0270	73.938	1.259	87.391	13.534	612.470	178.720	0.000
03/11/2019	10:00:00	16.381	0.3449	3.9394	10.093	14.026	0.5332	0.0230	90.306	1.142	74.386	14.832	612.580	279.770	0.000
03/11/2019	11:00:00	18.181	0.3521	4.2832	8.867	13.139	0.7144	0.0244	76.717	1.783	66.448	16.296	612.390	569.340	0.000
03/11/2019	12:00:00	21.423	0.3079	3.8978	8.057	11.955	0.8298	0.0307	106.760	1.844	59.765	17.962	611.760	721.460	0.000
03/11/2019	13:00:00	25.444	0.3084	3.4018	7.410	10.819	0.6661	0.0310	94.403	1.924	54.509	19.523	610.870	851.220	0.000
03/11/2019	14:00:00	29.196	0.3036	1.7163	6.076	7.784	0.4736	0.0271	118.210	1.531	50.237	20.761	609.900	745.690	0.000
03/11/2019	15:00:00	26.185	0.2553	1.3176	4.537	5.870	0.0407	0.0317	119.570	2.207	50.674	21.363	609.250	618.080	0.000
03/11/2019	16:00:00	21.301	0.2204	1.4094	3.757	5.160	0.0000	0.0274	104.330	3.308	54.432	20.789	608.970	489.410	0.000
03/11/2019	17:00:00	19.343	0.1994	1.3460	3.999	5.349	0.0000	0.0240	57.906	2.814	57.302	20.023	608.930	272.180	0.000
03/11/2019	18:00:00	16.905	0.3038	2.3311	6.501	8.822	0.0000	0.0164	125.980	2.442	61.846	18.696	608.940	78.235	0.000
03/11/2019	19:00:00	14.445	0.3637	1.6126	8.058	9.657	0.0272	0.0191	149.830	2.017	74.690	16.262	609.450	2.859	0.000
03/11/2019	20:00:00	11.168	0.4593	1.4331	14.226	15.644	0.0000	0.0405	258.020	0.514	79.544	15.650	609.880	2.207	0.000
03/11/2019	21:00:00	11.864	0.3729	1.5289	11.333	12.847	0.0371	0.0308	308.570	1.514	89.880	14.674	610.270	2.096	0.000
03/11/2019	22:00:00	10.117	0.4130	1.7362	15.641	17.366	0.0000	0.0267	280.490	0.918	90.950	14.552	610.250	2.105	0.000
03/11/2019	23:00:00	10.481	0.3567	1.0848	13.309	14.395	0.0000	0.0361	307.530	1.284	92.863	14.252	610.300	2.137	0.000

PROMEDIO 24 HORAS	17.143	0.29980	1.6384	7.996	9.633	0.17	0.0209
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	04/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
04/11/2019	00:00:00	12.605	0.2684	0.6489	9.502	10.144	0.0000	0.0268	258.260	1.452	94.901	13.965	610.240	2.160	0.000
04/11/2019	01:00:00	13.573	0.3105	0.3047	6.984	7.291	0.0000	0.0277	272.490	1.435	96.995	13.661	610.170	2.025	0.000
04/11/2019	02:00:00	14.214	0.3651	0.2244	5.525	5.741	0.0000	0.0196	131.020	0.805	98.811	13.480	610.130	2.051	0.000
04/11/2019	03:00:00	15.207	0.3912	0.0838	4.584	4.667	0.0000	0.0128	93.422	0.540	99.036	13.476	609.990	1.987	0.000
04/11/2019	04:00:00	14.552	0.4470	0.2873	4.153	4.440	0.0000	0.0134	39.388	0.675	98.788	13.445	609.670	2.076	0.000
04/11/2019	05:00:00	12.338	0.4161	0.5702	6.349	6.932	0.0000	0.0196	57.448	0.867	100.000	13.087	609.470	2.080	0.000
04/11/2019	06:00:00	10.897	0.4035	0.9689	11.652	12.645	0.0000	0.0197	40.260	0.495	100.000	12.850	609.750	2.092	0.000
04/11/2019	07:00:00	6.533	0.5185	3.5255	18.668	22.246	0.0000	0.0251	46.890	0.106	100.000	12.855	610.130	4.126	0.000
04/11/2019	08:00:00	3.879	1.0300	22.2810	21.149	43.397	0.0000	0.0521	29.660	0.561	100.000	13.236	610.510	84.562	0.000
04/11/2019	09:00:00	8.876	0.9803	16.5870	18.975	35.577	0.0599	0.1116	265.060	0.247	85.323	15.270	610.520	312.740	0.000
04/11/2019	10:00:00	12.232	0.9169	13.7160	16.645	30.393	0.2202	0.0704	113.480	1.041	71.987	17.373	610.750	501.020	0.000
04/11/2019	11:00:00	16.868	0.5773	5.0955	8.988	14.105	0.0367	0.0893	133.730	0.933	62.985	19.618	610.590	648.290	0.000
04/11/2019	12:00:00	23.067	0.4742	2.6336	5.654	8.310	0.1208	0.0674	159.330	1.072	52.715	22.067	609.880	696.460	0.000
04/11/2019	13:00:00	21.899	0.3950	1.6665	3.595	5.263	0.0442	0.0532	144.900	1.676	43.390	23.657	609.160	746.250	0.000
04/11/2019	14:00:00	21.758	0.4064	2.3505	4.382	6.763	0.0000	0.0264	177.730	1.707	38.373	24.654	608.320	668.750	0.000
04/11/2019	15:00:00	20.923	0.3786	2.3545	4.911	7.289	0.0000	0.0314	107.650	1.869	37.627	24.865	607.810	413.650	0.000
04/11/2019	16:00:00	22.353	0.3560	2.0328	5.264	7.294	0.0000	0.0190	90.135	1.952	36.024	25.267	607.570	347.080	0.000
04/11/2019	17:00:00	21.245	0.3951	3.3140	7.101	10.417	0.0000	0.0267	56.075	2.450	35.564	25.035	607.570	248.130	0.000
04/11/2019	18:00:00	16.784	0.5008	2.6050	11.581	14.160	0.0000	0.0266	78.965	2.913	41.288	23.426	607.790	47.359	0.000
04/11/2019	19:00:00	13.593	0.5840	1.6028	13.879	15.442	0.0000	0.0321	97.980	3.124	55.871	21.433	608.190	2.550	0.000
04/11/2019	20:00:00	15.507	0.5539	1.2064	13.501	14.692	0.6878	0.0404	102.910	2.597	60.365	20.308	608.850	2.150	0.000
04/11/2019	21:00:00	12.258	0.5711	1.3837	17.136	18.534	0.2162	0.0339	124.910	2.913	61.976	19.552	609.280	2.203	0.000
04/11/2019	22:00:00	14.249	0.4988	0.8229	15.457	16.294	0.0000	0.0254	107.020	3.015	62.720	18.937	609.580	2.225	0.000
04/11/2019	23:00:00	13.285	0.5116	0.7418	14.779	15.460	0.0000	0.0226	80.873	1.925	63.123	18.422	609.840	2.080	0.000

PROMEDIO 24 HORAS	14.946	0.51042	3.6253	10.434	14.062	0.06	0.0372
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	05/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
05/11/2019	00:00:00	8.299	0.5332	0.8544	17.739	18.601	0.0000	0.0246	92.869	1.506	65.493	17.878	609.850	2.058	0.000
05/11/2019	01:00:00	14.507	0.3937	0.4532	10.851	11.290	0.3713	0.0347	83.269	1.682	77.886	16.640	609.900	2.041	0.000
05/11/2019	02:00:00	11.237	0.3574	0.3077	10.421	10.730	0.5614	0.0627	280.460	0.713	94.684	15.064	610.120	2.076	0.000
05/11/2019	03:00:00	11.873	0.2901	0.1773	6.485	6.665	0.2801	0.0378	305.400	1.136	100.000	14.611	610.010	2.034	0.000
05/11/2019	04:00:00	11.857	0.2741	0.2950	6.001	6.298	0.2860	0.0266	317.410	1.355	100.000	14.681	610.130	2.105	0.000
05/11/2019	05:00:00	12.330	0.2597	0.4350	5.060	5.495	0.3422	0.0165	303.680	1.384	100.000	14.893	610.210	2.035	0.000
05/11/2019	06:00:00	9.434	0.2932	0.4320	6.466	6.898	0.0652	0.0128	323.600	1.451	100.000	14.475	610.450	2.086	0.000
05/11/2019	07:00:00	9.104	0.4393	1.2310	10.488	11.729	0.0789	0.0113	99.639	1.003	100.000	14.512	610.890	2.631	0.000
05/11/2019	08:00:00	7.452	0.5814	5.8620	13.625	19.534	0.2506	0.0187	79.514	1.229	100.000	14.109	611.410	29.418	0.000
05/11/2019	09:00:00	9.309	0.5880	6.4499	11.260	17.630	0.5862	0.0543	135.820	1.137	99.774	14.697	611.660	141.250	0.000
05/11/2019	10:00:00	11.889	0.4775	4.2165	8.507	12.720	0.3494	0.0472	195.250	0.778	87.558	16.083	611.850	210.520	0.000
05/11/2019	11:00:00	17.014	0.3901	2.9605	6.489	9.502	0.1705	0.0332	172.360	0.826	72.614	17.448	611.860	392.070	0.000
05/11/2019	12:00:00	21.955	0.3625	1.8691	4.901	6.769	0.0546	0.0333	123.670	0.671	61.521	19.467	611.360	460.230	0.000
05/11/2019	13:00:00	25.278	0.3925	1.5143	5.929	7.449	0.4325	0.0405	190.740	0.834	56.770	20.621	610.710	518.440	0.000
05/11/2019	14:00:00	24.527	0.3190	1.6783	4.865	6.547	0.3714	0.0481	71.388	2.598	48.560	22.508	609.950	564.220	0.000
05/11/2019	15:00:00	25.165	0.3184	1.6137	4.359	5.961	0.4254	0.0443	59.178	2.814	49.174	22.441	609.530	481.990	0.000
05/11/2019	16:00:00	22.302	0.3001	1.2115	3.907	5.129	0.1515	0.0320	54.020	3.398	52.350	22.446	609.390	427.900	0.000
05/11/2019	17:00:00	20.710	0.3123	1.5994	4.635	6.239	0.0313	0.0329	69.332	4.084	54.985	21.448	609.530	251.530	0.000
05/11/2019	18:00:00	18.279	0.3296	1.4628	5.269	6.736	0.2458	0.0331	78.594	4.717	60.401	19.152	609.990	62.210	0.000
05/11/2019	19:00:00	16.524	0.3827	1.2837	7.618	8.888	0.1968	0.0308	85.310	4.468	65.118	17.723	610.600	2.701	0.000
05/11/2019	20:00:00	15.266	0.3945	1.3256	7.957	9.294	0.2590	0.0288	75.758	3.787	68.082	17.001	611.120	2.102	0.000
05/11/2019	21:00:00	13.175	0.4523	1.3724	10.903	12.264	0.3560	0.0290	81.732	3.077	69.973	16.859	611.680	2.195	0.000
05/11/2019	22:00:00	14.685	0.3982	0.7043	8.162	8.860	0.4016	0.0269	78.601	3.068	73.465	16.845	612.110	2.161	0.000
05/11/2019	23:00:00	15.866	0.3786	0.5170	6.725	7.240	0.1498	0.0258	74.781	3.111	76.331	16.720	612.280	2.129	0.000

PROMEDIO 24 HORAS	15.335	0.38410	1.6594	7.859	9.519	0.27	0.0327
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	06/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
06/11/2019	00:00:00	18.037	0.3440	0.2677	4.732	5.001	0.2623	0.0303	76.130	3.802	85.016	16.206	612.180	2.103	0.000
06/11/2019	01:00:00	18.138	0.2682	0.1882	3.574	3.763	0.1777	0.0267	72.655	2.950	88.535	15.929	611.970	2.136	0.000
06/11/2019	02:00:00	17.445	0.2242	0.1700	2.876	3.043	0.1724	0.0138	69.882	2.256	89.325	15.552	611.800	2.021	0.000
06/11/2019	03:00:00	16.737	0.2123	0.1098	3.548	3.658	0.0000	0.0144	74.749	2.133	87.495	15.621	611.520	1.977	0.000
06/11/2019	04:00:00	16.684	0.2076	0.1810	3.799	3.977	0.2752	0.0124	80.110	1.971	83.879	15.768	611.450	2.029	0.000
06/11/2019	05:00:00	14.919	0.2148	0.2758	5.558	5.824	0.5695	0.0089	67.117	1.702	87.507	15.470	611.540	2.003	0.000
06/11/2019	06:00:00	13.224	0.2383	0.1950	5.931	6.127	0.4068	0.0196	62.477	1.332	98.084	14.765	611.790	2.048	0.000
06/11/2019	07:00:00	7.023	0.4093	2.7048	17.408	20.046	0.2342	0.0267	67.857	1.370	100.000	14.506	612.080	3.452	0.000
06/11/2019	08:00:00	3.443	0.8091	16.6940	23.157	39.904	0.5028	0.0359	72.432	0.938	100.000	14.735	612.370	45.610	0.000
06/11/2019	09:00:00	6.961	0.7198	12.2600	17.778	30.123	0.1137	0.0542	55.595	1.435	96.021	15.651	612.680	120.040	0.000
06/11/2019	10:00:00	12.104	0.4342	4.9106	9.042	13.953	0.7117	0.0395	65.630	2.282	86.854	16.752	612.910	251.830	0.000
06/11/2019	11:00:00	14.757	0.4064	4.4929	8.293	12.792	0.5418	0.0294	99.906	1.876	72.698	18.115	612.810	346.500	0.000
06/11/2019	12:00:00	14.454	0.3597	2.6288	5.838	8.464	0.1222	0.0260	55.172	1.820	74.307	18.238	612.320	236.790	0.000
06/11/2019	13:00:00	17.016	0.3603	2.7685	7.039	9.809	0.0853	0.0263	79.414	1.833	68.380	19.176	611.710	312.900	0.000
06/11/2019	14:00:00	15.116	0.3687	3.7198	10.050	13.771	0.4350	0.0259	123.590	1.590	64.741	19.559	611.080	281.590	0.000
06/11/2019	15:00:00	14.283	0.3667	3.8773	9.500	13.362	0.3772	0.0326	125.030	2.291	62.190	19.938	610.600	185.680	0.000
06/11/2019	16:00:00	13.391	0.3454	2.7221	8.186	10.901	0.0555	0.0306	97.722	3.129	67.749	19.209	610.530	125.700	0.000
06/11/2019	17:00:00	12.003	0.3559	2.9700	8.991	11.945	0.6066	0.0295	96.570	3.392	71.009	18.655	610.510	86.776	0.000
06/11/2019	18:00:00	11.272	0.4139	2.8210	11.743	14.616	0.1417	0.0342	97.897	3.127	74.267	17.978	610.540	38.342	0.000
06/11/2019	19:00:00	9.339	0.4352	2.5951	13.255	15.869	0.3975	0.0295	104.930	3.083	82.175	16.967	610.620	2.651	0.000
06/11/2019	20:00:00	6.095	0.5060	3.6118	17.988	21.650	0.3966	0.0298	105.950	3.005	90.645	16.471	611.040	2.114	0.000
06/11/2019	21:00:00	8.755	0.4926	2.5663	12.622	15.184	0.3342	0.0293	104.070	3.228	94.381	16.161	611.460	2.072	0.000
06/11/2019	22:00:00	4.486	0.6037	5.4514	20.478	25.934	0.2537	0.0205	149.480	1.515	96.208	15.942	611.640	2.250	0.000
06/11/2019	23:00:00	5.974	0.5492	2.9772	15.066	18.019	0.2722	0.0342	128.200	1.098	96.695	15.938	611.830	2.130	0.000

PROMEDIO 24 HORAS	12.152	0.40190	3.3816	10.269	13.656	0.31	0.0275
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	07/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
07/11/2019	00:00:00	9.886	0.3695	0.7968	8.493	9.304	0.1103	0.0363	74.075	1.814	99.202	15.699	611.830	2.018	0.000
07/11/2019	01:00:00	10.151	0.3005	0.4371	8.096	8.536	0.3668	0.0182	77.055	1.506	99.222	15.646	611.510	1.991	0.000
07/11/2019	02:00:00	10.037	0.2828	0.5455	6.676	7.219	0.8365	0.0116	40.827	0.511	100.000	15.424	611.320	2.042	0.000
07/11/2019	03:00:00	10.230	0.2585	0.3811	6.628	7.008	1.1093	0.0093	48.264	0.858	99.418	15.454	610.990	2.076	0.000
07/11/2019	04:00:00	9.823	0.2508	0.4008	5.826	6.228	1.3565	0.0095	46.665	0.756	99.358	15.348	610.820	2.001	0.000
07/11/2019	05:00:00	9.300	0.2630	0.2319	6.946	7.172	0.9424	0.0192	118.160	0.764	99.274	15.239	611.010	1.983	0.000
07/11/2019	06:00:00	8.708	0.2854	1.5775	10.077	11.650	0.8571	0.0118	162.060	0.766	97.582	15.257	611.050	2.069	0.000
07/11/2019	07:00:00	3.762	0.5198	6.3260	15.028	21.378	0.9436	0.0378	118.100	1.412	100.000	14.315	611.460	3.360	0.000
07/11/2019	08:00:00	3.545	0.9007	22.9760	16.802	39.841	0.9446	0.0388	282.720	1.099	100.000	14.129	611.840	95.818	0.000
07/11/2019	09:00:00	7.018	0.5860	10.6710	12.649	23.298	0.9781	0.0530	186.430	0.735	98.348	15.607	612.280	229.950	0.000
07/11/2019	10:00:00	12.502	0.3996	4.5798	7.242	11.836	0.9306	0.0417	293.800	0.977	79.551	17.317	612.410	455.280	0.000
07/11/2019	11:00:00	15.464	0.3289	3.4142	5.343	8.746	1.0837	0.0134	229.990	1.341	66.033	19.145	611.990	637.620	0.000
07/11/2019	12:00:00	18.874	0.2901	1.4676	3.538	4.999	0.9601	0.0219	191.740	1.935	58.712	20.925	611.410	735.710	0.000
07/11/2019	13:00:00	19.714	0.2554	1.3018	3.484	4.789	0.4557	0.0393	102.430	1.730	50.045	22.839	610.620	769.410	0.000
07/11/2019	14:00:00	18.950	0.2700	2.2547	3.971	6.247	0.4693	0.0345	164.400	2.728	41.865	24.110	609.900	745.200	0.000
07/11/2019	15:00:00	19.829	0.2172	1.3085	3.324	4.637	0.2214	0.0282	91.518	2.628	40.136	24.918	609.350	637.230	0.000
07/11/2019	16:00:00	22.028	0.2434	1.2576	3.395	4.656	0.3339	0.0182	66.953	3.527	43.815	24.557	609.170	475.710	0.000
07/11/2019	17:00:00	20.609	0.2389	1.3781	4.307	5.700	0.4106	0.0221	54.952	3.340	45.274	23.923	609.320	277.690	0.000
07/11/2019	18:00:00	19.131	0.2788	1.1734	5.046	6.210	0.6380	0.0225	68.140	3.043	53.438	22.609	609.550	75.356	0.000
07/11/2019	19:00:00	16.348	0.4478	1.4077	13.295	14.738	0.5461	0.0316	80.355	2.689	61.395	20.703	609.970	2.741	0.000
07/11/2019	20:00:00	15.359	0.4597	0.9697	14.831	15.808	0.6907	0.0380	104.050	2.807	66.229	19.626	610.410	2.071	0.000
07/11/2019	21:00:00	14.170	0.3981	0.9024	11.628	12.531	0.7256	0.0358	100.870	3.418	74.429	18.491	610.850	2.204	0.000
07/11/2019	22:00:00	14.172	0.3547	0.9278	8.481	9.389	0.5853	0.0268	72.688	2.776	77.788	17.803	611.280	2.183	0.000
07/11/2019	23:00:00	12.669	0.3896	0.9996	9.256	10.264	0.5953	0.0175	78.982	3.286	83.772	17.492	611.590	2.136	0.000

PROMEDIO 24 HORAS	13.428	0.35789	2.8203	8.098	10.924	0.71	0.0265
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	08/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
08/11/2019	00:00:00	13.860	0.4124	0.5397	6.213	6.757	0.3940	0.0293	80.612	2.888	90.567	17.218	611.630	2.106	0.000
08/11/2019	01:00:00	15.381	0.3339	0.3048	4.204	4.512	1.0001	0.0287	82.762	3.313	89.206	17.205	611.510	2.062	0.000
08/11/2019	02:00:00	15.293	0.2818	0.0953	2.987	3.081	0.8673	0.0134	68.812	2.990	87.762	17.088	611.480	2.098	0.000
08/11/2019	03:00:00	15.510	0.2662	0.1212	2.522	2.641	0.8829	0.0120	66.347	2.327	91.702	16.559	611.320	2.132	0.000
08/11/2019	04:00:00	15.152	0.2567	0.2081	3.087	3.295	1.0338	0.0142	64.027	1.552	92.698	16.539	611.160	2.076	0.000
08/11/2019	05:00:00	14.338	0.2095	0.2123	3.650	3.861	0.7271	0.0131	77.000	1.606	93.688	16.223	611.040	2.037	0.000
08/11/2019	06:00:00	9.768	0.2406	0.6048	9.752	10.375	0.8819	0.0226	69.155	1.592	94.869	15.810	611.140	2.133	0.000
08/11/2019	07:00:00	7.813	0.3106	1.9122	14.013	15.937	1.3795	0.0181	60.473	1.876	91.512	15.865	611.590	3.029	0.000
08/11/2019	08:00:00	6.531	0.4801	6.0236	15.617	21.631	1.2779	0.0249	50.484	1.366	91.668	15.801	612.040	34.237	0.000
08/11/2019	09:00:00	9.579	0.3798	5.1610	11.257	16.413	1.6038	0.0443	67.085	2.160	84.826	16.857	612.350	154.290	0.000
08/11/2019	10:00:00	13.127	0.2791	3.4904	7.060	10.569	1.7527	0.0384	93.913	2.874	73.841	18.020	612.480	286.900	0.000
08/11/2019	11:00:00	15.058	0.2049	2.7189	5.305	8.016	1.8345	0.0207	86.666	3.246	62.968	19.119	612.390	365.930	0.000
08/11/2019	12:00:00	17.089	0.1539	2.5553	4.480	7.046	1.3184	0.0164	95.669	3.542	52.510	20.167	611.950	574.760	0.000
08/11/2019	13:00:00	17.791	0.1495	1.9077	3.981	5.884	1.2596	0.0160	93.999	2.968	47.839	21.257	611.380	619.970	0.000
08/11/2019	14:00:00	17.255	0.1371	2.0885	4.028	6.119	1.2188	0.0204	82.719	2.884	47.080	21.811	610.690	579.960	0.000
08/11/2019	15:00:00	17.641	0.1568	1.6891	3.511	5.177	1.3220	0.0232	66.987	3.299	48.322	21.635	610.240	376.660	0.000
08/11/2019	16:00:00	15.814	0.1350	2.1289	4.305	6.435	0.8150	0.0202	51.702	3.117	51.136	21.382	610.170	200.140	0.000
08/11/2019	17:00:00	15.468	0.1911	2.3875	5.768	8.157	1.1410	0.0288	74.487	3.658	56.952	20.647	610.240	128.650	0.000
08/11/2019	18:00:00	14.574	0.2133	2.2279	7.236	9.476	0.8775	0.0409	90.903	3.700	59.775	19.681	610.780	70.858	0.000
08/11/2019	19:00:00	10.911	0.2795	1.8208	10.293	12.129	0.8502	0.0279	92.767	3.362	68.066	17.899	611.410	2.693	0.000
08/11/2019	20:00:00	9.757	0.3389	2.0172	13.069	15.096	1.2865	0.0298	79.466	2.458	71.256	17.215	612.010	2.063	0.000
08/11/2019	21:00:00	8.570	0.3566	3.2728	13.824	17.055	1.0327	0.0325	72.340	2.395	77.092	16.420	612.470	2.195	0.000
08/11/2019	22:00:00	10.036	0.2599	1.5014	10.245	11.720	0.9236	0.0372	80.765	2.912	82.554	16.034	612.800	2.174	0.000
08/11/2019	23:00:00	7.110	0.2513	1.7104	11.234	12.928	0.8763	0.0315	98.136	2.458	84.344	15.618	612.960	2.088	0.000

PROMEDIO 24 HORAS	13.059	0.26159	1.9458	7.402	9.346	1.11	0.0252
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	09/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
09/11/2019	00:00:00	10.981	0.1706	1.1733	8.405	9.587	0.9196	0.0190	89.171	3.128	88.574	14.593	612.820	2.035	0.000
09/11/2019	01:00:00	5.898	0.2938	1.6999	14.595	16.322	0.8718	0.0256	106.900	3.153	90.782	14.502	612.630	2.076	0.000
09/11/2019	02:00:00	7.616	0.2911	0.9249	9.960	10.888	0.6953	0.0359	125.360	2.580	88.048	14.824	612.570	2.041	0.000
09/11/2019	03:00:00	7.720	0.2916	0.5268	12.732	13.256	1.2284	0.0197	107.700	1.975	86.013	14.926	612.340	2.003	0.000
09/11/2019	04:00:00	7.844	0.2762	0.6769	11.259	11.945	1.8214	0.0237	59.651	1.249	86.197	14.891	612.290	2.050	0.000
09/11/2019	05:00:00	9.240	0.2548	0.6451	6.059	6.706	1.2128	0.0286	44.546	1.344	87.507	14.738	612.300	2.045	0.000
09/11/2019	06:00:00	8.053	0.2415	0.7192	7.256	7.974	0.9244	0.0219	41.496	1.450	94.159	14.166	612.290	1.992	0.000
09/11/2019	07:00:00	9.284	0.2966	1.1931	8.191	9.388	0.6443	0.0214	42.045	1.376	94.506	14.170	612.500	2.858	0.000
09/11/2019	08:00:00	6.571	0.4500	3.0334	11.150	14.208	0.6407	0.0264	49.959	1.254	100.000	13.942	612.860	26.442	0.000
09/11/2019	09:00:00	8.200	0.4052	4.0552	8.612	12.680	0.5606	0.0459	55.167	1.701	94.062	14.605	613.040	107.450	0.000
09/11/2019	10:00:00	9.777	0.3845	3.4528	7.432	10.891	0.7194	0.0260	72.736	1.388	80.691	15.588	613.250	145.140	0.000
09/11/2019	11:00:00	10.940	0.4402	5.9237	10.336	16.263	0.6199	0.0230	106.610	1.067	68.586	16.972	613.130	235.550	0.000
09/11/2019	12:00:00	14.326	0.3352	2.8919	6.306	9.173	0.8827	0.0256	96.478	1.184	63.547	17.695	612.680	310.910	0.000
09/11/2019	13:00:00	16.365	0.3245	2.8636	6.155	9.020	0.8276	0.0256	117.030	1.506	57.068	19.076	612.010	505.210	0.000
09/11/2019	14:00:00	18.164	0.2914	2.6678	4.907	7.566	0.7271	0.0357	138.470	1.951	54.266	20.279	611.310	777.970	0.000
09/11/2019	15:00:00	17.519	0.2818	2.1839	4.353	6.556	0.4848	0.0370	91.009	2.399	54.117	20.657	610.850	536.670	0.000
09/11/2019	16:00:00	16.097	0.2669	1.7351	3.884	5.626	0.3301	0.0373	77.727	2.156	52.503	21.198	610.530	466.730	0.000
09/11/2019	17:00:00	14.233	0.3116	2.4269	5.261	7.675	0.7268	0.0262	69.635	2.478	54.296	20.556	610.560	214.380	0.000
09/11/2019	18:00:00	12.214	0.3456	2.4264	7.064	9.507	0.6424	0.0249	76.535	2.936	57.590	19.127	610.830	41.722	0.000
09/11/2019	19:00:00	10.860	0.3670	1.6785	9.899	11.542	0.5916	0.0251	86.965	2.948	62.008	17.531	611.280	2.885	0.000
09/11/2019	20:00:00	7.955	0.5061	2.6553	15.146	17.792	0.6176	0.0243	100.910	1.636	66.135	16.687	611.720	2.165	0.000
09/11/2019	21:00:00	4.435	0.5726	5.5129	20.786	26.318	0.6689	0.0238	136.850	1.690	68.739	16.213	611.950	2.213	0.000
09/11/2019	22:00:00	6.561	0.4862	2.9453	16.850	19.808	0.7323	0.0272	105.730	2.119	73.920	15.522	612.290	2.260	0.000
09/11/2019	23:00:00	4.235	0.6352	5.7059	19.052	24.782	0.6727	0.0267	77.125	1.224	81.523	14.557	612.350	2.157	0.000

PROMEDIO 24 HORAS	10.212	0.35500	2.4882	9.819	12.311	0.78	0.0274
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	10/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
10/11/2019	00:00:00	3.057	0.7577	9.7570	20.677	30.403	0.8200	0.0947	62.560	1.017	88.115	14.030	612.300	2.174	0.000
10/11/2019	01:00:00	CAL	0.7988	17.0610	20.775	37.783	0.4394	0.0658	41.302	0.408	93.474	13.210	612.110	2.063	0.000
10/11/2019	02:00:00	1.313	0.9966	CAL	CAL	CAL	0.3177	0.0779	80.191	0.201	93.892	13.012	611.870	2.035	0.000
10/11/2019	03:00:00	1.914	CAL	12.4710	16.543	29.073	0.5212	0.0942	307.000	0.589	95.611	12.316	611.550	2.102	0.000
10/11/2019	04:00:00	2.099	0.6197	13.8890	14.842	28.766	CAL	0.0534	328.500	0.391	97.751	11.654	611.580	2.069	0.000
10/11/2019	05:00:00	2.574	0.5139	7.0987	14.816	21.932	0.0433	0.0375	325.550	0.240	98.800	11.492	611.500	2.079	0.000
10/11/2019	06:00:00	2.009	0.7039	23.1150	12.855	35.990	0.4231	0.0403	325.490	0.244	98.200	11.069	611.540	1.995	0.000
10/11/2019	07:00:00	1.748	0.5515	11.1060	12.796	23.915	0.3353	0.0442	325.460	0.471	99.513	10.531	611.860	3.503	0.000
10/11/2019	08:00:00	2.502	0.7031	17.4000	13.105	30.440	0.1874	0.0422	326.340	0.756	100.000	10.866	612.100	119.640	0.000
10/11/2019	09:00:00	6.318	0.5803	9.5182	10.154	19.660	0.5762	0.0507	140.120	1.101	100.000	11.983	612.320	179.040	0.000
10/11/2019	10:00:00	6.702	0.6234	9.4733	12.508	21.967	0.9448	0.0596	65.952	0.818	95.169	13.074	612.580	236.730	0.000
10/11/2019	11:00:00	9.557	0.8368	18.1440	18.931	37.066	0.7137	0.0738	130.250	0.796	76.434	15.355	612.440	603.070	0.000
10/11/2019	12:00:00	17.214	0.7777	12.7550	19.525	32.260	0.6385	0.0908	140.750	0.874	63.524	17.865	611.780	739.030	0.000
10/11/2019	13:00:00	23.689	0.6006	6.4236	14.744	21.175	0.7281	0.0889	140.870	1.224	53.214	20.531	610.770	768.950	0.000
10/11/2019	14:00:00	27.286	0.5637	5.0546	14.115	19.165	1.1030	0.0913	112.200	1.153	47.262	22.631	609.900	727.250	0.000
10/11/2019	15:00:00	25.359	0.3144	2.2520	4.925	7.128	0.6756	0.0734	101.580	1.289	35.806	24.526	609.160	622.350	0.000
10/11/2019	16:00:00	26.227	0.2432	1.0926	3.335	4.424	0.1015	0.0409	99.487	1.760	32.791	25.043	608.580	462.880	0.000
10/11/2019	17:00:00	23.386	0.2777	1.4018	4.521	5.923	0.1370	0.0210	66.198	2.173	34.536	24.885	608.400	263.370	0.000
10/11/2019	18:00:00	18.872	0.4028	1.3274	6.575	7.890	0.0000	0.0219	39.359	2.469	41.412	23.094	608.560	67.532	0.000
10/11/2019	19:00:00	10.166	0.7282	2.4032	17.062	19.333	0.4066	0.0558	60.465	1.232	51.047	20.824	608.940	2.899	0.000
10/11/2019	20:00:00	6.449	0.7088	5.6625	20.202	25.758	0.3670	0.1063	144.810	1.272	60.697	19.887	609.420	2.086	0.000
10/11/2019	21:00:00	7.223	0.5536	3.3771	15.772	19.151	0.2667	0.0613	146.590	1.851	65.570	18.954	609.820	2.194	0.000
10/11/2019	22:00:00	6.986	0.4689	3.0285	17.053	20.105	0.2343	0.0341	129.610	2.331	70.893	17.918	609.970	2.133	0.000
10/11/2019	23:00:00	5.793	0.5342	3.1500	22.913	26.044	0.3704	0.0237	115.350	1.045	68.029	17.616	610.080	2.220	0.000

PROMEDIO 24 HORAS	10.367	0.60258	8.5635	14.293	22.841	0.45	0.0602
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	11/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
11/11/2019	00:00:00	6.195	0.5821	3.8682	20.677	24.506	0.2952	0.0128	53.564	0.324	72.113	16.425	610.140	2.165	0.000
11/11/2019	01:00:00	3.039	0.7446	13.4640	22.454	35.767	1.2588	0.0311	89.353	0.257	78.533	15.466	609.910	2.150	0.000
11/11/2019	02:00:00	4.236	0.5028	2.5892	17.491	20.058	1.7999	0.0781	282.430	0.656	80.625	14.901	609.790	2.022	0.000
11/11/2019	03:00:00	3.465	0.5306	7.0078	17.519	24.538	1.6351	0.0392	281.920	0.060	83.777	14.381	609.570	2.088	0.000
11/11/2019	04:00:00	2.149	0.6100	12.8370	16.126	29.006	1.3908	0.0335	291.360	0.119	89.727	13.624	609.450	2.026	0.000
11/11/2019	05:00:00	3.560	0.3864	4.6173	14.873	19.510	1.2412	0.0377	290.660	0.426	86.379	13.342	609.480	2.065	0.000
11/11/2019	06:00:00	2.719	0.3762	8.6405	16.944	25.661	1.1951	0.0086	294.070	0.160	79.555	13.318	609.640	2.118	0.000
11/11/2019	07:00:00	2.170	0.9964	66.7960	18.551	85.673	1.6451	0.0224	277.500	0.091	77.115	13.110	609.930	3.795	0.000
11/11/2019	08:00:00	2.789	2.2827	147.8300	19.480	166.720	3.4052	0.0608	285.430	0.211	79.473	13.499	610.270	92.064	0.000
11/11/2019	09:00:00	3.139	2.1169	135.6300	32.491	168.290	4.1460	0.1960	146.540	0.284	70.582	16.135	610.450	295.310	0.000
11/11/2019	10:00:00	6.072	1.6050	74.9160	41.195	116.240	4.4829	0.1443	120.640	0.534	61.000	18.575	610.530	447.820	0.000
11/11/2019	11:00:00	14.090	1.0570	24.9120	32.921	57.819	4.2839	0.1180	144.460	0.601	52.418	20.881	610.410	602.260	0.000
11/11/2019	12:00:00	24.509	0.5918	7.5346	18.223	25.717	3.8539	0.1055	119.130	0.807	41.053	23.726	609.850	727.470	0.000
11/11/2019	13:00:00	29.392	0.3544	2.8087	8.150	11.038	2.8258	0.0948	116.010	0.941	32.720	25.440	609.160	738.980	0.000
11/11/2019	14:00:00	33.530	0.2846	1.6422	6.695	8.426	2.4326	0.0659	138.350	1.135	29.330	26.414	608.330	689.430	0.000
11/11/2019	15:00:00	31.335	0.2453	1.4687	5.107	6.565	2.0038	0.0542	210.070	1.144	25.853	27.132	607.770	583.620	0.000
11/11/2019	16:00:00	28.690	0.2640	1.3609	5.672	7.041	1.5744	0.0430	143.610	1.543	24.666	27.252	607.350	342.080	0.000
11/11/2019	17:00:00	26.971	0.3487	2.5830	9.958	12.557	1.4961	0.0299	62.128	2.280	28.676	26.530	607.370	151.180	0.000
11/11/2019	18:00:00	22.787	0.4620	3.5949	13.964	17.601	1.6753	0.0434	56.128	2.300	35.496	24.764	607.750	43.601	0.000
11/11/2019	19:00:00	15.450	0.6147	2.6448	24.584	27.230	1.7510	0.0523	79.196	1.577	38.505	23.406	608.090	2.803	0.000
11/11/2019	20:00:00	11.846	0.7346	2.7836	29.799	32.561	2.2500	0.0707	129.250	1.692	45.348	22.790	608.430	2.115	0.000
11/11/2019	21:00:00	5.780	0.8710	6.3190	39.487	45.844	2.1646	0.0411	124.100	1.240	46.124	22.192	608.950	2.179	0.000
11/11/2019	22:00:00	3.348	1.0631	29.6350	43.770	73.482	2.5928	0.0587	92.326	0.981	45.932	21.495	609.270	2.157	0.000
11/11/2019	23:00:00	2.771	1.6675	55.3890	38.120	93.363	2.4453	0.0816	290.700	0.408	53.286	19.665	609.440	2.229	0.000

PROMEDIO 24 HORAS	12.085	0.80384	25.8697	21.427	47.301	2.24	0.0635
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	12/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
12/11/2019	00:00:00	11.996	0.7970	21.7020	17.199	39.319	2.6495	0.1361	68.466	4.049	67.591	18.206	609.570	2.205	0.000
12/11/2019	01:00:00	16.827	0.2777	0.1362	3.389	3.524	0.5173	0.1084	94.495	4.690	92.409	16.952	610.010	2.143	0.000
12/11/2019	02:00:00	19.073	0.2291	0.1642	2.767	2.932	0.0000	0.0575	93.233	4.727	82.236	16.830	610.240	2.153	0.000
12/11/2019	03:00:00	20.007	0.2016	0.1080	2.716	2.823	0.0000	0.0068	86.609	3.456	73.515	16.712	610.290	2.073	0.000
12/11/2019	04:00:00	19.040	0.2059	0.2559	2.537	2.792	0.0000	0.0177	87.314	3.352	88.218	16.036	610.230	2.135	0.000
12/11/2019	05:00:00	17.639	0.2025	0.1465	3.434	3.579	0.0000	0.0508	70.699	2.227	89.992	15.734	610.230	2.183	0.000
12/11/2019	06:00:00	13.582	0.2285	0.3092	10.288	10.583	0.0000	0.0184	99.832	2.277	84.801	15.718	610.160	2.174	0.000
12/11/2019	07:00:00	7.526	0.4261	3.0427	23.789	26.795	0.0000	0.0179	96.282	2.192	78.506	15.373	610.410	3.411	0.000
12/11/2019	08:00:00	4.635	0.7990	19.3960	27.425	46.767	0.0842	0.0286	95.069	2.020	76.797	15.328	610.630	88.889	0.000
12/11/2019	09:00:00	14.916	0.4266	5.7336	11.637	17.372	0.1339	0.0501	126.730	3.319	69.252	16.613	611.000	286.570	0.000
12/11/2019	10:00:00	19.703	0.3503	3.5077	7.490	11.011	0.0000	0.0321	126.640	3.379	64.196	17.814	611.020	462.910	0.000
12/11/2019	11:00:00	20.270	0.3451	3.3902	8.223	11.600	0.0000	0.0302	134.660	3.471	58.868	18.950	610.920	467.010	0.000
12/11/2019	12:00:00	19.732	0.3099	2.2740	6.137	8.444	0.0000	0.0535	92.581	3.498	55.018	19.153	610.650	250.130	0.000
12/11/2019	13:00:00	20.394	0.3194	2.3502	5.182	7.526	0.0000	0.0326	82.987	3.406	51.341	20.515	610.010	627.480	0.000
12/11/2019	14:00:00	18.288	0.3032	2.7838	4.833	7.613	0.0000	0.0390	87.037	4.671	56.267	19.795	609.310	584.400	0.000
12/11/2019	15:00:00	17.219	0.2886	2.9322	5.134	8.073	0.0000	0.0420	89.027	5.282	57.938	18.830	608.760	570.600	0.000
12/11/2019	16:00:00	16.624	0.2828	3.2809	5.296	8.573	0.0000	0.0642	90.788	5.039	60.608	17.692	608.640	409.710	0.000
12/11/2019	17:00:00	14.245	0.3068	3.4224	6.888	10.316	0.0000	0.0478	101.360	5.401	71.600	14.321	608.820	155.330	0.000
12/11/2019	18:00:00	13.674	0.3408	2.8914	8.608	11.528	0.0000	0.0705	91.922	5.393	79.575	12.392	609.240	50.055	0.000
12/11/2019	19:00:00	11.898	0.3893	2.4452	10.405	12.859	0.0000	0.0527	84.471	4.946	85.283	11.155	609.680	2.502	0.000
12/11/2019	20:00:00	13.704	0.3300	1.5273	7.783	9.309	0.0000	0.0298	80.031	4.285	88.473	10.651	610.280	2.271	0.000
12/11/2019	21:00:00	12.358	0.3688	1.9174	11.180	13.065	0.0000	0.0191	86.572	4.210	80.419	10.441	610.930	2.156	0.000
12/11/2019	22:00:00	12.647	0.3345	1.7463	10.523	12.273	0.0000	0.0227	75.699	3.132	79.761	10.138	611.450	2.191	0.000
12/11/2019	23:00:00	13.496	0.3096	0.9992	8.060	9.058	0.0000	0.0113	67.063	2.639	86.046	9.654	611.500	2.111	0.000

PROMEDIO 24 HORAS	15.396	0.34888	3.6026	8.788	12.406	0.14	0.0433
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	13/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
13/11/2019	00:00:00	13.821	0.2798	0.7165	7.398	8.119	0.0000	0.0097	58.419	2.111	92.199	9.342	611.350	2.123	0.000
13/11/2019	01:00:00	12.125	0.2652	0.5655	7.842	8.403	0.1551	0.0080	83.113	1.254	99.278	8.860	611.030	1.907	2.400
13/11/2019	02:00:00	10.818	0.2356	0.1920	7.604	7.799	0.5206	0.0246	131.710	1.358	100.000	8.515	610.990	1.226	0.700
13/11/2019	03:00:00	12.705	0.1899	0.1581	4.726	4.881	0.2257	0.0078	98.891	1.487	100.000	8.222	610.680	1.265	0.300
13/11/2019	04:00:00	12.670	0.1841	0.2358	4.416	4.651	0.1309	0.0079	285.220	1.066	100.000	8.076	610.350	1.231	0.000
13/11/2019	05:00:00	11.547	0.1892	0.3115	5.243	5.560	0.0210	0.0087	198.590	0.776	100.000	8.179	610.130	1.475	0.000
13/11/2019	06:00:00	8.751	0.2022	0.7539	8.634	9.408	0.1904	0.0078	44.804	0.803	100.000	8.149	609.840	1.518	0.000
13/11/2019	07:00:00	6.755	0.2978	1.8472	12.210	14.063	0.3416	0.0204	74.419	0.790	100.000	8.212	609.880	1.829	0.000
13/11/2019	08:00:00	5.113	0.5024	9.1882	14.796	24.110	0.2930	0.0177	68.107	1.004	100.000	8.382	610.280	19.661	0.000
13/11/2019	09:00:00	4.856	0.5781	15.1860	17.091	32.272	0.4451	0.0310	140.920	0.878	100.000	8.795	610.480	70.826	0.000
13/11/2019	10:00:00	5.116	0.6867	25.5210	19.330	44.850	0.6494	0.0438	135.480	0.767	99.974	9.939	610.640	158.250	0.000
13/11/2019	11:00:00	6.284	0.6232	17.3260	18.263	35.572	0.7599	0.0519	101.420	0.651	95.243	11.208	610.740	183.090	0.000
13/11/2019	12:00:00	8.658	0.6180	14.3190	18.917	33.249	0.6837	0.0483	182.220	0.543	83.251	12.589	610.340	207.510	0.000
13/11/2019	13:00:00	9.468	0.6584	13.0620	20.765	33.851	1.0705	0.0632	186.510	0.367	81.204	13.167	609.720	162.490	0.000
13/11/2019	14:00:00	9.773	0.7669	15.0930	24.942	40.045	1.3631	0.0686	107.940	0.957	85.111	13.554	608.890	192.200	0.000
13/11/2019	15:00:00	9.471	0.8860	17.9420	29.107	47.084	1.1662	0.1131	85.052	1.040	86.367	14.098	608.390	188.140	0.100
13/11/2019	16:00:00	8.643	0.8400	16.0090	32.697	48.687	1.4171	0.1183	178.240	0.908	83.930	14.492	608.170	115.570	0.600
13/11/2019	17:00:00	5.358	0.6954	14.8650	26.553	41.383	1.3362	0.1134	156.120	1.648	99.426	13.593	608.360	40.965	0.400
13/11/2019	18:00:00	4.438	0.5168	7.8417	19.139	26.980	0.9723	0.0682	48.929	0.928	100.000	12.848	608.580	17.184	0.500
13/11/2019	19:00:00	3.394	0.5894	9.5521	16.483	26.043	0.6877	0.0707	106.220	1.092	100.000	12.398	608.570	2.161	0.400
13/11/2019	20:00:00	3.565	0.4814	6.9763	14.960	21.963	0.1872	0.0350	94.188	0.745	100.000	12.046	608.850	2.038	0.000
13/11/2019	21:00:00	5.659	0.4280	7.2344	10.768	17.963	0.4329	0.0166	288.690	3.089	100.000	11.449	609.730	1.800	1.100
13/11/2019	22:00:00	16.495	0.2326	1.4147	4.416	5.827	0.5987	0.0000	184.850	3.518	100.000	9.680	610.320	1.675	0.400
13/11/2019	23:00:00	17.777	0.2189	0.8832	5.632	6.500	0.1905	0.0000	295.130	2.547	100.000	9.097	610.710	1.743	5.000

PROMEDIO 24 HORAS	8.886	0.46524	8.2164	14.664	22.886	0.58	0.0398
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	14/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
14/11/2019	00:00:00	19.137	0.1780	0.3235	4.432	4.750	0.0369	0.0002	132.500	1.221	100.000	8.741	610.650	1.412	5.300
14/11/2019	01:00:00	19.068	0.2107	0.1944	3.916	4.107	0.7732	0.0071	77.223	0.581	100.000	8.654	610.110	1.392	0.700
14/11/2019	02:00:00	16.495	0.2637	0.1923	5.852	6.061	1.9908	0.0202	80.753	0.693	100.000	8.863	609.850	1.505	1.500
14/11/2019	03:00:00	15.974	0.2509	0.0176	5.990	6.012	1.7293	0.0271	90.929	0.159	100.000	9.106	609.680	1.305	0.400
14/11/2019	04:00:00	13.162	0.2955	0.0310	9.227	9.254	1.4840	0.0187	157.620	0.810	100.000	9.590	609.460	1.229	0.100
14/11/2019	05:00:00	8.630	0.4034	0.2683	15.813	16.060	1.8043	0.0104	134.040	0.655	100.000	10.008	609.460	0.945	0.000
14/11/2019	06:00:00	2.425	0.6270	12.3470	27.860	40.198	2.1269	0.0243	72.364	0.560	100.000	10.144	609.470	0.821	0.000
14/11/2019	07:00:00	2.719	1.0247	46.4540	27.243	73.739	2.5192	0.0422	145.170	0.329	100.000	10.438	609.700	1.694	0.000
14/11/2019	08:00:00	2.658	1.9713	92.4510	27.701	120.110	3.3032	0.0590	224.810	0.626	100.000	10.619	609.980	51.195	0.000
14/11/2019	09:00:00	3.472	1.2178	48.3740	24.743	73.130	3.1851	0.1004	225.950	1.092	100.000	10.929	610.490	204.050	0.000
14/11/2019	10:00:00	7.431	0.9533	33.5820	22.510	56.119	2.5969	0.0695	105.140	0.748	94.699	14.173	610.810	500.960	0.000
14/11/2019	11:00:00	11.013	0.9610	26.3030	28.973	55.288	3.0652	0.0613	100.060	0.779	74.793	16.468	610.990	448.930	0.100
14/11/2019	12:00:00	15.539	0.6562	10.1360	19.779	29.986	3.3047	0.0574	122.770	0.581	64.696	17.391	610.750	372.740	0.000
14/11/2019	13:00:00	20.149	0.4660	5.7687	11.730	17.475	3.9878	0.0400	208.890	0.992	56.250	18.771	610.170	530.020	0.000
14/11/2019	14:00:00	19.112	0.3215	2.7215	4.985	7.711	2.8007	0.0309	156.180	2.915	56.035	19.028	609.500	605.180	0.000
14/11/2019	15:00:00	20.854	0.2510	2.0142	3.762	5.782	1.8319	0.0232	176.090	2.282	43.270	20.914	608.970	601.880	0.000
14/11/2019	16:00:00	22.610	0.2357	1.8140	4.255	6.069	2.0188	0.0214	277.180	1.955	33.898	22.004	608.810	458.110	0.000
14/11/2019	17:00:00	24.138	0.2390	1.3825	4.769	6.155	2.1016	0.0173	274.300	1.598	30.543	22.021	608.920	286.730	0.000
14/11/2019	18:00:00	21.790	0.3294	1.5925	8.632	10.260	2.0092	0.0146	160.740	1.535	37.353	21.096	609.300	81.578	0.000
14/11/2019	19:00:00	10.768	0.6167	4.0698	18.251	22.389	2.0688	0.0133	49.731	1.103	59.138	17.742	609.900	2.926	0.000
14/11/2019	20:00:00	DI	1.6408	41.3050	28.085	69.498	2.6572	0.0573	290.450	0.690	66.510	16.629	610.570	2.183	0.000
14/11/2019	21:00:00	DI	1.2181	24.2110	26.553	50.907	2.4910	0.1449	55.470	0.723	81.791	15.030	611.230	2.076	0.000
14/11/2019	22:00:00	DI	0.5619	3.0214	20.194	23.299	2.3698	0.1121	94.638	2.371	88.162	14.879	611.690	2.160	0.000
14/11/2019	23:00:00	DI	0.3728	0.8016	12.420	13.216	2.3915	0.0442	101.700	2.207	95.750	13.698	611.940	2.213	0.000

PROMEDIO 24 HORAS	13.857	0.63609	14.9740	15.320	30.316	2.28	0.0424
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	15/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
15/11/2019	00:00:00	DI	0.3157	0.7161	8.704	9.417	2.1749	0.0278	98.390	2.759	98.645	12.890	612.270	2.197	0.000
15/11/2019	01:00:00	DI	0.2443	0.3525	5.541	5.899	1.1105	0.0159	100.500	3.103	99.802	11.912	612.290	2.030	0.000
15/11/2019	02:00:00	DI	0.2144	0.1641	4.314	4.484	0.3149	0.0112	82.742	2.581	99.649	11.336	612.270	2.013	0.000
15/11/2019	03:00:00	DI	0.2039	0.1653	3.633	3.797	0.3002	0.0095	78.958	2.312	96.158	11.183	612.100	1.988	0.000
15/11/2019	04:00:00	DI	0.2124	0.1205	4.440	4.560	0.1997	0.0139	63.657	1.497	99.588	11.027	612.120	1.936	0.000
15/11/2019	05:00:00	DI	0.1934	0.2896	3.505	3.795	0.1372	0.0161	71.409	1.598	97.404	11.055	612.130	1.986	0.000
15/11/2019	06:00:00	DI	0.2798	0.6120	7.981	8.600	0.0737	0.0126	130.510	0.553	99.795	10.856	612.290	2.082	0.000
15/11/2019	07:00:00	AE	0.3164	1.1115	11.417	12.571	0.2673	0.0180	54.762	0.234	97.099	11.063	612.530	2.306	0.000
15/11/2019	08:00:00	AE	0.5711	9.2203	19.693	28.955	0.0000	0.0265	69.870	0.496	95.595	11.212	612.860	36.710	0.000
15/11/2019	09:00:00	AE	0.5417	8.9219	14.858	23.766	0.5468	0.0469	61.366	1.885	91.549	11.576	613.110	142.010	0.000
15/11/2019	10:00:00	AE	0.5506	8.7677	14.156	22.909	0.2635	0.0542	48.875	1.256	89.645	12.098	613.430	153.710	0.000
15/11/2019	11:00:00	AE	0.3830	4.4958	9.826	14.332	0.6912	0.8881	79.218	2.212	74.586	13.290	613.340	201.100	0.000
15/11/2019	12:00:00	AE	0.3205	3.0708	8.303	11.379	0.2349	0.1229	86.314	1.871	68.584	13.996	612.930	253.900	0.000
15/11/2019	13:00:00	AE	0.3252	2.8802	6.207	9.083	0.3934	0.0332	74.329	1.386	59.645	15.509	612.330	557.670	0.000
15/11/2019	14:00:00	AE	0.3718	2.5999	7.292	9.905	0.0000	0.0272	100.680	1.961	53.006	17.115	611.620	812.980	0.000
15/11/2019	15:00:00	AE	0.3594	2.8728	7.914	10.766	0.0336	0.0320	88.770	1.958	51.706	17.579	611.100	515.100	0.000
15/11/2019	16:00:00	AE	0.3859	2.7831	10.846	13.602	0.1787	0.0353	95.600	1.583	55.119	17.170	610.830	257.970	0.000
15/11/2019	17:00:00	AE	0.4290	3.3625	13.585	16.955	0.5078	0.0369	121.070	2.116	57.710	16.932	610.840	195.260	0.000
15/11/2019	18:00:00	AE	0.3717	2.6024	9.776	12.384	0.4077	0.0327	200.270	2.052	69.222	15.102	611.120	55.556	0.000
15/11/2019	19:00:00	AE	0.4545	2.8197	11.372	14.190	0.1611	0.0537	208.410	2.400	87.257	12.313	611.530	2.388	0.000
15/11/2019	20:00:00	AE	0.5242	4.4312	15.966	20.420	0.0000	0.0621	276.930	1.692	97.181	11.057	612.050	2.103	0.000
15/11/2019	21:00:00	AE	0.5140	4.1704	17.224	21.433	0.1064	0.0527	133.030	0.883	98.736	10.790	612.320	2.119	0.000
15/11/2019	22:00:00	AE	0.4499	3.5642	20.727	24.337	0.0308	0.0580	94.847	1.660	90.705	11.459	612.480	2.008	0.000
15/11/2019	23:00:00	AE	0.3081	1.5061	15.343	16.842	0.1584	0.0382	90.818	2.107	88.498	11.247	612.350	2.199	0.000

PROMEDIO 24 HORAS	AE	0.36837	2.9834	10.526	13.516	0.35	0.0719
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	16/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
16/11/2019	00:00:00	AE	0.2215	0.8733	10.163	11.030	0.7134	0.0285	75.632	2.201	88.325	11.121	612.200	2.024	0.000
16/11/2019	01:00:00	AE	0.2431	0.4469	10.759	11.207	1.1270	0.0242	69.919	1.284	88.544	11.117	611.880	1.949	0.000
16/11/2019	02:00:00	AE	0.2587	0.4497	8.894	9.348	1.0009	0.0258	64.173	1.121	88.465	11.110	611.630	2.056	0.000
16/11/2019	03:00:00	AE	0.2428	0.2034	7.401	7.608	0.6194	0.0227	38.706	1.080	89.351	10.932	611.440	2.022	0.000
16/11/2019	04:00:00	AE	0.2378	0.2883	8.739	9.035	0.5417	0.0234	70.673	0.599	89.107	10.855	611.290	1.990	0.000
16/11/2019	05:00:00	AE	0.2391	0.2989	7.999	8.299	0.7016	0.0319	56.734	0.685	86.176	10.883	611.230	1.929	0.000
16/11/2019	06:00:00	AE	0.2335	0.2951	8.411	8.704	0.6259	0.0304	65.757	0.559	86.691	10.588	611.040	1.913	0.000
16/11/2019	07:00:00	AE	0.2924	0.5558	10.929	11.497	0.1047	0.0340	141.700	0.304	87.640	10.473	611.190	3.052	0.000
16/11/2019	08:00:00	AE	0.4555	6.9503	15.602	22.563	0.6882	0.0429	33.045	1.395	99.192	9.175	611.500	64.903	0.000
16/11/2019	09:00:00	AE	0.4551	7.9802	12.857	20.853	0.8894	0.0540	58.778	0.925	93.647	10.478	611.820	213.970	0.000
16/11/2019	10:00:00	AE	0.5027	12.1530	15.372	27.555	0.6498	0.0811	128.210	0.529	73.124	12.693	611.790	437.500	0.000
16/11/2019	11:00:00	AE	0.5707	14.0770	18.118	32.228	1.0575	0.0639	135.110	0.668	64.889	14.436	611.450	595.420	0.000
16/11/2019	12:00:00	AE	0.4371	6.2249	12.077	18.291	1.0103	0.0795	180.900	0.934	59.305	16.108	611.160	651.740	0.000
16/11/2019	13:00:00	AE	0.3498	3.0649	8.315	11.375	0.6130	0.0957	126.550	1.054	51.233	18.576	610.340	665.070	0.000
16/11/2019	14:00:00	AE	0.2713	1.7468	6.506	8.239	0.4297	0.0685	137.450	1.086	45.347	19.895	609.680	616.450	0.000
16/11/2019	15:00:00	AE	0.2757	1.3199	6.587	7.917	0.4951	0.0524	97.736	1.364	45.547	20.365	609.090	336.340	0.000
16/11/2019	16:00:00	AE	0.2246	1.2689	5.446	6.715	0.5731	0.0481	61.914	1.591	44.280	20.574	608.590	295.870	0.000
16/11/2019	17:00:00	AE	0.2390	1.5830	6.437	8.025	0.2615	0.0314	52.632	2.000	45.707	20.143	608.530	177.720	0.000
16/11/2019	18:00:00	AE	0.4238	2.5543	11.004	13.543	0.4744	0.0306	55.720	2.028	49.858	18.962	608.880	47.391	0.000
16/11/2019	19:00:00	AE	0.6708	4.7009	19.146	23.818	0.6283	0.0346	34.296	0.954	56.549	17.486	609.010	2.269	0.000
16/11/2019	20:00:00	AE	0.8153	8.0431	27.363	35.390	1.2892	0.1121	87.831	0.510	59.021	17.059	609.460	2.102	0.000
16/11/2019	21:00:00	AE	0.9939	29.4230	31.266	60.889	0.9965	0.0824	145.800	0.185	59.340	16.513	609.740	2.171	0.000
16/11/2019	22:00:00	AE	0.6098	9.9012	28.811	38.936	0.6246	0.0643	107.960	0.730	56.408	16.112	609.990	2.127	0.000
16/11/2019	23:00:00	AE	1.0141	35.5180	32.452	67.549	0.9859	0.0424	99.254	0.589	60.258	15.221	610.060	2.191	0.000

PROMEDIO 24 HORAS	AE	0.42825	6.2467	13.777	20.026	0.71	0.0502
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	17/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
17/11/2019	00:00:00	AE	0.7871	17.0180	26.076	42.925	0.8119	0.0835	200.580	0.827	75.486	13.700	609.890	2.041	0.000
17/11/2019	01:00:00	AE	0.7384	10.0760	25.368	35.503	0.1533	0.0798	338.520	0.228	81.069	13.237	609.590	2.097	0.000
17/11/2019	02:00:00	AE	0.6868	AE	AE	AE	0.3078	0.0504	336.260	0.014	79.793	13.171	609.440	2.103	0.000
17/11/2019	03:00:00	AE	AE	20.6860	17.859	38.562	0.4762	0.0343	264.950	0.249	78.027	13.253	609.230	2.114	0.000
17/11/2019	04:00:00	AE	1.0841	32.6720	16.132	48.714	AE	0.0415	72.416	0.103	84.581	12.824	609.200	1.983	0.000
17/11/2019	05:00:00	AE	1.0124	28.2890	18.545	46.884	0.6938	0.0943	156.150	0.664	93.283	12.131	609.190	2.014	0.000
17/11/2019	06:00:00	AE	0.5323	6.1475	19.080	25.288	0.2737	0.1188	238.470	0.021	89.930	12.052	609.410	2.046	0.000
17/11/2019	07:00:00	AE	0.5542	11.2140	21.373	32.611	0.0973	0.0436	305.830	0.138	89.270	12.259	609.570	2.658	0.000
17/11/2019	08:00:00	AE	0.5432	7.1198	18.874	25.979	0.0000	0.0465	296.020	0.111	83.549	12.876	609.960	56.916	0.000
17/11/2019	09:00:00	AE	0.7422	12.2680	20.638	32.917	0.4180	0.0368	307.730	0.612	76.315	13.709	610.420	68.805	0.000
17/11/2019	10:00:00	AE	0.8938	16.1900	17.886	34.040	0.2724	0.0475	196.330	0.638	92.770	13.442	610.660	136.080	0.200
17/11/2019	11:00:00	AE	0.8165	10.7970	18.228	29.085	0.3314	0.0512	125.230	0.488	83.248	14.815	610.600	146.010	0.000
17/11/2019	12:00:00	AE	0.9213	14.7740	22.892	37.705	0.5546	0.0328	138.740	0.555	78.545	16.180	610.300	315.770	0.100
17/11/2019	13:00:00	AE	0.7509	7.2074	18.986	26.196	0.6016	0.0565	156.600	0.305	69.952	17.728	609.610	234.480	0.100
17/11/2019	14:00:00	AE	0.7701	6.3512	22.842	29.138	0.7694	0.0388	125.030	0.406	68.699	17.956	608.950	187.200	0.000
17/11/2019	15:00:00	AE	0.6166	4.2123	14.005	18.281	0.6598	0.0374	106.610	0.319	63.457	19.036	608.550	355.970	0.000
17/11/2019	16:00:00	AE	0.5652	2.3888	11.770	14.171	0.3092	0.0286	111.030	0.827	61.374	19.513	608.330	265.160	0.000
17/11/2019	17:00:00	AE	0.4777	1.4298	9.960	11.384	0.1661	0.0321	97.586	0.760	63.772	18.864	608.290	107.240	0.000
17/11/2019	18:00:00	AE	0.6527	2.1752	16.178	18.353	0.3018	0.0400	93.846	0.855	67.482	18.327	608.530	28.149	0.000
17/11/2019	19:00:00	AE	0.8198	3.6023	23.530	27.127	0.3247	0.0428	36.831	0.471	73.209	17.673	609.050	2.350	0.000
17/11/2019	20:00:00	AE	0.8219	4.7313	23.425	28.163	0.4171	0.0643	54.780	0.595	77.492	17.119	609.450	2.279	0.000
17/11/2019	21:00:00	AE	0.8851	7.7525	26.369	34.031	0.0900	0.0816	60.085	0.193	75.315	16.853	609.840	2.245	0.000
17/11/2019	22:00:00	AE	1.3662	27.2620	29.466	56.576	0.5577	0.0521	204.110	0.102	77.788	16.775	609.990	2.092	0.000
17/11/2019	23:00:00	AE	1.2592	17.1840	27.662	44.837	0.6808	0.0737	305.070	0.423	80.067	16.552	610.080	2.114	0.000

PROMEDIO 24 HORAS	AE	0.79555	11.8064	20.311	32.107	0.40	0.0545
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	18/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
18/11/2019	00:00:00	AE	0.8307	7.7432	22.261	30.062	0.4535	0.0668	315.080	0.957	82.235	16.112	610.040	2.031	0.000
18/11/2019	01:00:00	AE	0.6734	7.4617	23.915	31.368	0.5875	0.0322	331.610	0.773	80.567	15.837	609.980	2.152	0.000
18/11/2019	02:00:00	AE	0.4160	1.0139	11.266	12.256	0.4469	0.0228	338.000	0.655	83.295	15.471	609.790	2.096	0.000
18/11/2019	03:00:00	AE	0.3731	0.4934	9.202	9.695	0.6487	0.0220	333.150	0.218	90.848	15.250	609.640	2.086	0.000
18/11/2019	04:00:00	AE	0.3173	0.1547	6.723	6.897	0.4388	0.0258	320.900	0.036	94.165	15.127	609.440	1.990	0.000
18/11/2019	05:00:00	AE	0.4116	1.0412	11.620	12.648	0.1428	0.0172	63.304	0.433	98.845	14.698	609.480	2.028	0.000
18/11/2019	06:00:00	AE	0.4228	1.9691	11.980	13.955	0.5634	0.0290	37.489	0.085	100.000	14.418	609.450	2.174	0.000
18/11/2019	07:00:00	AE	0.5520	9.6894	15.156	24.910	0.1641	0.0284	41.441	0.040	100.000	14.450	609.500	2.458	0.000
18/11/2019	08:00:00	AE	0.7897	27.2760	17.373	44.805	0.7228	0.0387	47.800	0.548	99.308	14.645	609.630	57.719	0.000
18/11/2019	09:00:00	AE	0.5448	12.7970	14.931	27.781	0.5859	0.0585	101.590	0.890	82.385	16.515	609.720	258.560	0.000
18/11/2019	10:00:00	AE	0.4660	6.9296	11.089	18.071	0.7319	0.0208	95.989	0.637	66.098	18.154	609.790	403.240	0.000
18/11/2019	11:00:00	AE	0.4378	4.9036	9.315	14.221	1.0844	0.0212	122.340	1.139	58.430	19.505	609.620	599.280	0.000
18/11/2019	12:00:00	AE	0.4532	4.0291	11.026	15.026	1.1254	0.0351	147.860	1.025	52.764	20.690	609.080	669.650	0.000
18/11/2019	13:00:00	AE	0.4624	2.8138	10.078	12.903	1.1717	0.0403	128.230	0.984	50.460	21.049	608.360	359.690	0.000
18/11/2019	14:00:00	AE	0.4286	1.4569	8.488	9.987	1.3094	0.0443	213.610	0.908	50.945	20.919	607.680	217.540	0.000
18/11/2019	15:00:00	AE	0.4659	2.3764	10.704	13.103	0.9462	0.0685	105.240	1.721	53.178	20.551	607.320	104.230	0.000
18/11/2019	16:00:00	AE	0.5081	5.1845	14.779	19.947	0.4751	0.0443	34.656	1.505	57.026	19.747	607.250	35.860	0.000
18/11/2019	17:00:00	AE	0.6198	4.5606	13.801	18.342	0.8783	0.0776	59.765	1.593	59.006	19.279	607.400	34.880	0.000
18/11/2019	18:00:00	AE	0.6269	3.9572	15.411	19.417	0.6904	0.0630	249.080	1.527	62.636	18.298	607.820	9.153	0.000
18/11/2019	19:00:00	AE	0.5917	3.4277	16.090	19.531	0.7443	0.0531	325.340	1.752	62.424	17.415	608.240	2.293	0.000
18/11/2019	20:00:00	AE	0.7495	2.9645	21.755	24.668	0.4310	0.0361	312.850	1.120	65.068	16.667	608.730	2.059	0.000
18/11/2019	21:00:00	AE	0.5928	1.5457	15.705	17.248	0.3947	0.0409	296.400	1.022	68.182	16.514	609.180	2.055	0.000
18/11/2019	22:00:00	AE	0.5738	2.2392	17.617	19.897	0.2592	0.0321	322.900	1.505	63.433	16.319	609.430	2.071	0.000
18/11/2019	23:00:00	AE	0.5475	1.7798	18.210	19.962	0.3185	0.0247	300.770	0.477	65.076	15.412	609.420	2.178	0.000

PROMEDIO 24 HORAS	AE	0.53564	4.9087	14.104	19.029	0.64	0.0393
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	19/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
19/11/2019	00:00:00	AE	0.5417	2.3632	17.862	20.204	0.5463	0.0307	237.790	1.584	65.165	15.050	609.120	2.081	0.000
19/11/2019	01:00:00	AE	0.3538	0.8465	12.977	13.830	0.0000	0.0265	248.290	1.234	69.014	14.627	608.860	2.067	0.000
19/11/2019	02:00:00	AE	0.3458	0.6818	12.615	13.324	0.0000	0.0237	155.210	0.725	78.433	14.204	608.770	1.994	0.000
19/11/2019	03:00:00	AE	0.4788	6.6210	19.385	25.981	0.1380	0.0322	111.000	0.271	84.969	13.457	608.670	2.048	0.000
19/11/2019	04:00:00	AE	0.6172	19.3070	22.441	41.673	0.2547	0.0359	173.190	0.530	89.227	12.909	608.660	2.041	0.000
19/11/2019	05:00:00	AE	0.4032	8.1555	16.520	24.634	0.1484	0.0589	313.000	0.081	95.844	12.033	608.860	2.077	0.000
19/11/2019	06:00:00	AE	0.4652	23.3090	15.445	38.963	0.3842	0.0321	287.810	0.063	96.256	11.872	608.980	2.085	0.000
19/11/2019	07:00:00	AE	1.1209	80.9040	16.914	97.982	0.8137	0.0348	292.520	0.207	99.487	11.335	609.360	2.719	0.000
19/11/2019	08:00:00	AE	1.4174	57.4040	17.861	75.265	0.4905	0.0816	265.410	0.388	96.985	12.158	609.740	31.265	0.000
19/11/2019	09:00:00	AE	1.3886	45.8990	18.565	64.403	0.8641	0.0737	254.310	0.496	87.577	14.161	610.080	144.650	0.000
19/11/2019	10:00:00	AE	0.8814	21.4630	16.970	38.390	0.9782	0.0674	204.990	0.400	68.435	17.186	610.190	425.110	0.000
19/11/2019	11:00:00	AE	1.0452	24.1260	29.318	53.354	0.7551	0.0395	164.430	0.780	56.534	20.058	609.930	616.350	0.000
19/11/2019	12:00:00	AE	0.4573	4.1731	10.083	14.263	0.0549	0.0675	154.690	0.671	49.169	21.495	609.520	713.740	0.000
19/11/2019	13:00:00	AE	0.4062	2.3633	7.516	9.904	0.1514	0.0464	175.240	0.838	43.943	22.488	608.910	611.910	0.000
19/11/2019	14:00:00	AE	0.3088	1.1503	5.256	6.401	0.7706	0.0428	270.750	1.214	43.270	22.648	608.180	538.310	0.000
19/11/2019	15:00:00	AE	0.2584	1.0838	4.276	5.359	0.7106	0.0240	189.590	1.023	39.974	23.743	607.580	460.930	0.000
19/11/2019	16:00:00	AE	0.2917	1.0424	6.194	7.239	0.5175	0.0131	143.310	0.685	38.470	24.045	607.310	247.520	0.000
19/11/2019	17:00:00	AE	0.3817	1.7468	9.981	11.709	0.5335	0.0125	92.268	1.135	40.520	23.590	607.210	140.700	0.000
19/11/2019	18:00:00	AE	0.4308	1.5796	11.572	13.153	0.4456	0.0722	55.171	2.014	47.637	22.810	607.370	65.009	0.000
19/11/2019	19:00:00	AE	0.5884	1.8137	19.010	20.817	0.4672	0.0485	87.733	1.985	54.171	21.105	607.680	2.332	0.000
19/11/2019	20:00:00	AE	0.7283	5.1661	28.372	33.449	0.6722	0.0387	129.720	1.487	54.274	20.283	608.090	2.060	0.000
19/11/2019	21:00:00	AE	0.8121	7.6026	33.957	41.505	0.5764	0.0432	131.420	1.642	55.368	19.527	608.580	2.105	0.000
19/11/2019	22:00:00	AE	0.9308	17.8660	35.602	53.674	0.6288	0.0528	108.000	0.994	58.356	18.540	608.910	2.111	0.000
19/11/2019	23:00:00	AE	1.2160	46.6030	35.351	82.293	0.6447	0.0689	186.270	0.523	63.536	17.711	608.990	1.943	0.000

PROMEDIO 24 HORAS	AE	0.66124	15.9696	17.668	33.657	0.48	0.0445
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	20/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
20/11/2019	00:00:00	AE	1.7937	83.6040	32.769	116.280	0.9260	0.0918	215.790	0.000	70.120	16.503	609.190	1.987	0.000
20/11/2019	01:00:00	AE	1.1314	31.1600	25.787	56.902	0.1696	0.1229	233.700	0.236	74.884	15.721	608.980	1.933	0.000
20/11/2019	02:00:00	AE	0.6742	9.9046	23.113	33.057	0.0000	0.0849	309.180	0.631	79.331	14.705	608.880	1.922	0.000
20/11/2019	03:00:00	AE	0.5572	8.3348	22.329	30.666	0.0000	0.0583	330.550	0.692	86.005	13.948	608.740	1.896	0.000
20/11/2019	04:00:00	AE	0.4563	7.1597	21.139	28.308	0.0000	0.0464	320.660	0.614	87.700	13.682	608.720	1.931	0.000
20/11/2019	05:00:00	AE	0.4987	5.8159	20.584	26.418	0.0000	0.0465	51.636	0.390	95.918	12.612	608.900	1.868	0.000
20/11/2019	06:00:00	AE	0.4470	11.2560	20.259	31.511	0.0000	0.0652	247.730	0.631	100.000	12.233	609.050	2.001	0.000
20/11/2019	07:00:00	AE	0.5577	22.8460	19.013	41.916	0.0000	0.0614	287.750	0.562	99.979	12.237	609.410	3.088	0.000
20/11/2019	08:00:00	AE	1.8015	100.5900	20.176	121.290	0.0000	0.0572	292.810	0.061	95.909	13.006	609.670	88.256	0.000
20/11/2019	09:00:00	AE	1.7053	84.4070	31.592	115.970	0.6629	0.1174	213.140	0.852	74.703	16.076	609.810	278.630	0.000
20/11/2019	10:00:00	AE	1.4473	64.3170	39.655	103.670	1.8849	0.1485	93.413	1.507	62.438	18.412	610.090	469.580	0.000
20/11/2019	11:00:00	AE	0.6026	15.2930	19.937	35.333	1.9731	0.1487	100.680	1.254	53.808	20.900	609.920	619.030	0.000
20/11/2019	12:00:00	AE	0.5120	6.9795	15.068	22.044	0.8964	0.0860	138.750	1.203	47.075	22.917	609.370	712.930	0.000
20/11/2019	13:00:00	AE	0.2564	2.7769	4.853	7.631	0.0000	0.0773	211.600	2.678	37.155	24.995	608.500	753.660	0.000
20/11/2019	14:00:00	AE	0.2670	3.0386	5.047	8.092	0.0000	0.0380	220.280	2.782	36.571	25.677	607.800	715.010	0.000
20/11/2019	15:00:00	AE	0.2396	2.6334	4.514	7.139	0.0000	0.0199	220.180	1.937	34.755	26.213	607.290	520.770	0.000
20/11/2019	16:00:00	AE	0.1971	1.9361	3.852	5.782	0.0000	0.0163	229.920	2.350	32.405	26.718	607.010	473.590	0.000
20/11/2019	17:00:00	AE	0.2330	2.2997	6.076	8.373	0.0000	0.0132	243.420	2.386	32.431	26.342	607.160	234.390	0.000
20/11/2019	18:00:00	AE	0.2942	2.1435	7.067	9.204	0.0000	0.0108	283.240	2.614	36.517	25.031	607.500	65.689	0.000
20/11/2019	19:00:00	AE	0.5745	2.6830	17.493	20.168	0.0000	0.0308	275.290	1.860	40.945	23.585	607.880	2.373	0.000
20/11/2019	20:00:00	AE	0.7139	7.0269	22.171	29.207	12.5840	0.0311	254.320	1.823	43.371	22.757	608.420	2.062	0.000
20/11/2019	21:00:00	AE	0.7728	10.3410	25.185	35.523	2.1461	0.0424	241.410	1.401	45.709	21.840	608.820	2.080	0.000
20/11/2019	22:00:00	AE	0.9554	18.2750	27.175	45.583	0.1934	0.0281	294.330	0.293	50.895	20.562	609.210	2.212	0.000
20/11/2019	23:00:00	AE	0.7981	16.7720	25.698	42.444	0.0000	0.0882	213.040	0.769	51.943	20.295	609.410	2.086	0.000

PROMEDIO 24 HORAS	AE	0.72861	21.7331	19.190	40.938	0.89	0.0638
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	21/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
21/11/2019	00:00:00	AE	0.6927	14.3700	21.906	36.255	0.0000	0.0349	199.950	0.761	55.109	19.696	609.480	2.067	0.000
21/11/2019	01:00:00	AE	0.3433	2.9646	11.272	14.241	0.0000	0.0364	233.580	0.568	58.986	18.802	609.420	2.051	0.000
21/11/2019	02:00:00	AE	0.3355	1.7998	12.700	14.419	0.0000	0.0259	252.890	0.560	65.127	17.543	609.220	2.079	0.000
21/11/2019	03:00:00	AE	0.4652	9.6959	13.448	23.363	0.0000	0.0335	267.030	0.458	68.677	16.914	609.070	1.982	0.000
21/11/2019	04:00:00	AE	0.6642	25.7740	17.526	43.273	0.0000	0.0485	282.340	0.044	75.460	15.959	609.150	2.062	0.000
21/11/2019	05:00:00	AE	0.6775	27.2380	17.016	44.367	0.0000	0.0724	272.470	0.192	76.559	15.912	609.400	2.034	0.000
21/11/2019	06:00:00	AE	0.4210	10.5220	13.827	24.344	0.0000	0.0670	280.850	0.778	77.716	15.327	609.550	1.999	0.000
21/11/2019	07:00:00	AE	0.9764	54.9760	14.059	69.649	0.0000	0.0232	137.320	0.389	84.739	14.417	609.750	2.656	0.000
21/11/2019	08:00:00	AE	1.9502	104.2900	16.566	120.500	0.1456	0.0852	290.470	0.284	86.261	14.632	610.160	83.041	0.000
21/11/2019	09:00:00	AE	1.6315	79.0670	27.455	106.270	1.7808	0.1633	164.520	1.074	68.089	17.478	610.220	276.580	0.000
21/11/2019	10:00:00	AE	1.0893	44.7250	28.876	73.620	2.0460	0.1083	72.527	0.732	57.404	20.152	610.380	460.360	0.000
21/11/2019	11:00:00	AE	0.6643	12.9650	19.638	32.546	0.6088	0.0809	141.010	0.510	49.388	21.995	610.220	611.830	0.000
21/11/2019	12:00:00	AE	0.5338	5.8416	15.253	21.098	0.6083	0.0750	198.610	0.725	44.438	23.522	609.640	706.110	0.000
21/11/2019	13:00:00	AE	0.5116	4.6810	15.458	20.075	0.0000	0.0670	171.450	1.066	39.546	24.849	608.910	731.600	0.000
21/11/2019	14:00:00	AE	0.3649	2.8431	10.423	13.262	0.0000	0.0544	149.470	1.297	33.500	26.580	608.030	694.610	0.000
21/11/2019	15:00:00	AE	0.2272	2.2702	5.301	7.543	0.0000	0.0456	209.800	2.347	27.777	27.273	607.520	608.290	0.000
21/11/2019	16:00:00	AE	0.2144	2.1030	4.731	6.817	0.0000	0.0172	208.710	2.286	26.554	27.805	607.300	437.340	0.000
21/11/2019	17:00:00	AE	0.2462	2.0790	4.635	6.707	0.0000	0.0126	284.520	2.226	27.950	27.222	607.320	206.570	0.000
21/11/2019	18:00:00	AE	0.2767	1.7580	5.916	7.671	0.0000	0.0486	296.010	2.458	29.074	26.584	607.530	79.341	0.000
21/11/2019	19:00:00	AE	0.5594	2.9689	16.118	19.060	0.0000	0.0438	196.320	1.428	38.411	24.697	607.950	2.575	0.000
21/11/2019	20:00:00	AE	0.9989	8.1282	28.267	36.336	0.0000	0.0594	198.920	0.819	45.681	23.296	608.590	2.060	0.000
21/11/2019	21:00:00	AE	1.3295	22.5690	36.153	58.800	0.0000	0.0942	159.470	0.702	52.434	21.909	609.190	2.079	0.000
21/11/2019	22:00:00	AE	0.9097	9.8526	29.104	38.920	1.0843	0.1945	277.390	0.986	48.535	22.060	609.430	2.034	0.000
21/11/2019	23:00:00	AE	0.5448	3.4517	20.940	24.376	0.5384	0.0761	269.050	0.832	45.883	21.606	609.540	2.029	0.000

PROMEDIO 24 HORAS	AE	0.69284	19.0389	16.941	35.980	0.28	0.0653
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	22/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
22/11/2019	00:00:00	AE	0.8901	19.5260	23.800	43.251	0.0000	0.0283	65.977	0.096	52.901	19.942	609.520	2.106	0.000
22/11/2019	01:00:00	AE	1.0714	44.1120	20.605	64.734	0.2190	0.0943	160.300	0.763	56.379	19.047	609.430	1.801	0.000
22/11/2019	02:00:00	AE	0.3395	1.7409	12.829	14.563	3.0286	0.0746	273.200	1.065	55.604	18.766	609.390	2.063	0.000
22/11/2019	03:00:00	AE	0.2988	1.1809	12.168	13.355	1.7249	0.0225	243.560	0.362	59.324	17.756	609.050	1.944	0.000
22/11/2019	04:00:00	AE	0.3027	3.3755	13.289	16.639	0.6027	0.0174	290.310	0.954	65.315	16.372	608.970	1.818	0.000
22/11/2019	05:00:00	AE	0.2245	1.6945	10.923	12.609	0.1926	0.0193	258.930	0.917	66.035	16.106	608.990	1.841	0.000
22/11/2019	06:00:00	AE	0.3873	16.2250	14.177	30.603	0.0598	0.0107	278.670	0.507	70.060	15.327	609.090	1.943	0.000
22/11/2019	07:00:00	AE	0.8561	48.5730	15.090	63.533	0.2786	0.0312	258.170	0.353	72.545	14.866	609.400	2.392	0.000
22/11/2019	08:00:00	AE	0.8637	36.3740	14.031	50.391	0.5317	0.0727	230.460	1.191	67.818	15.749	609.630	82.144	0.000
22/11/2019	09:00:00	AE	0.8271	27.0350	13.337	40.309	0.6629	0.0346	248.090	0.738	57.154	18.338	610.020	283.320	0.000
22/11/2019	10:00:00	AE	0.4012	6.9677	7.555	14.488	0.6814	0.0400	296.030	0.921	47.427	21.070	610.460	469.790	0.000
22/11/2019	11:00:00	AE	0.2942	2.7430	4.223	6.953	0.0000	0.0382	152.450	0.926	40.734	22.874	610.410	616.550	0.000
22/11/2019	12:00:00	AE	0.2660	1.5263	3.895	5.414	0.0000	0.0322	139.180	0.720	37.677	24.299	609.910	706.500	0.000
22/11/2019	13:00:00	AE	0.2252	1.2368	3.052	4.286	0.0000	0.0447	131.440	1.277	32.425	25.500	609.130	737.410	0.000
22/11/2019	14:00:00	AE	0.2044	1.1434	3.188	4.333	0.0000	0.0318	211.870	1.142	29.908	26.203	608.160	703.050	0.000
22/11/2019	15:00:00	AE	0.2127	1.2149	3.381	4.604	0.0000	0.0317	123.320	1.402	28.843	26.830	607.440	604.460	0.000
22/11/2019	16:00:00	AE	0.2112	1.5079	4.201	5.700	0.0420	0.0301	137.200	1.440	27.571	27.318	607.120	468.330	0.000
22/11/2019	17:00:00	AE	0.1679	2.1046	3.911	6.026	0.0000	0.0291	200.600	1.320	26.127	27.144	606.940	237.780	0.000
22/11/2019	18:00:00	AE	0.3235	1.9456	11.664	13.692	0.0000	0.0192	109.780	1.675	27.656	26.488	607.130	65.750	0.000
22/11/2019	19:00:00	AE	0.6495	5.7796	21.888	27.644	0.0000	0.0265	80.672	2.192	35.443	24.565	607.490	2.403	0.000
22/11/2019	20:00:00	AE	0.8408	12.6270	26.807	39.479	0.2382	0.0605	80.015	1.289	42.018	23.109	608.000	1.995	0.000
22/11/2019	21:00:00	AE	0.5422	4.7243	24.028	28.723	0.0000	0.0637	113.710	3.152	46.892	22.508	608.490	2.050	0.000
22/11/2019	22:00:00	AE	0.6802	8.8853	26.120	34.967	0.4677	0.0541	145.240	1.005	45.568	21.926	608.760	2.165	0.000
22/11/2019	23:00:00	AE	0.7829	14.3280	25.534	39.855	0.0000	0.0415	214.710	0.432	44.705	20.985	608.980	2.184	0.000

PROMEDIO 24 HORAS	AE	0.49429	11.1071	13.321	24.423	0.36	0.0395
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	23/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
23/11/2019	00:00:00	AE	0.9797	35.0260	26.997	62.166	0.6051	0.0394	86.109	0.867	55.499	18.956	609.010	1.987	0.000
23/11/2019	01:00:00	AE	0.6306	13.0850	24.354	37.360	1.2708	0.1210	98.303	0.726	68.715	17.836	608.930	1.821	0.000
23/11/2019	02:00:00	AE	0.5091	3.7213	19.058	22.780	0.5754	0.1349	98.922	0.720	81.459	17.032	608.950	1.961	0.000
23/11/2019	03:00:00	AE	0.3956	1.2311	12.385	13.645	0.0000	0.0716	247.420	1.785	98.138	15.352	608.970	1.923	0.000
23/11/2019	04:00:00	AE	0.3598	0.6070	9.577	10.178	0.0000	0.0380	237.060	1.422	100.000	14.698	609.010	1.867	0.000
23/11/2019	05:00:00	AE	0.3136	0.7172	8.657	9.374	0.0000	0.0309	314.180	1.541	100.000	13.948	609.180	1.851	0.000
23/11/2019	06:00:00	AE	0.3349	0.8761	10.623	11.504	0.1655	0.0291	299.140	0.889	100.000	14.098	609.460	1.865	0.000
23/11/2019	07:00:00	AE	0.4215	1.2617	12.928	14.188	0.0000	0.0286	95.224	0.598	100.000	14.441	609.790	1.936	0.000
23/11/2019	08:00:00	AE	0.4545	1.6549	13.766	15.430	0.0000	0.0353	204.830	0.625	100.000	15.022	610.130	16.133	0.000
23/11/2019	09:00:00	AE	0.4762	4.2359	12.577	16.814	0.3910	0.0396	216.920	0.925	97.573	15.651	610.430	96.178	0.000
23/11/2019	10:00:00	AE	0.5331	6.7940	11.449	18.258	1.2142	0.0416	157.970	0.921	83.079	17.208	610.840	359.300	0.000
23/11/2019	11:00:00	AE	0.6477	9.1797	15.455	24.621	1.4779	0.0550	170.720	0.690	67.104	19.314	610.690	592.970	0.000
23/11/2019	12:00:00	AE	0.6433	5.8466	15.657	21.506	0.7615	0.0717	159.090	0.617	52.587	21.693	610.250	677.410	0.000
23/11/2019	13:00:00	AE	0.5531	3.8127	13.792	17.588	0.7826	0.0653	180.820	1.145	44.287	23.218	609.570	685.640	0.000
23/11/2019	14:00:00	AE	0.3395	1.8424	6.538	8.422	0.2699	0.0947	148.550	1.611	39.975	23.813	608.810	465.140	0.000
23/11/2019	15:00:00	AE	0.2959	1.3030	4.126	5.432	0.5528	0.0538	123.840	1.432	36.674	24.529	608.280	438.990	0.000
23/11/2019	16:00:00	AE	0.2975	1.1182	4.638	5.752	0.4465	0.0360	199.830	0.980	34.715	25.030	607.890	318.480	0.000
23/11/2019	17:00:00	AE	0.4536	2.0981	9.543	11.597	0.4828	0.0350	57.482	1.361	37.309	24.774	607.880	152.170	0.000
23/11/2019	18:00:00	AE	0.4535	1.9616	10.875	12.819	0.4033	0.0448	57.130	1.980	42.135	23.858	608.230	53.571	0.000
23/11/2019	19:00:00	AE	0.5593	1.4918	11.934	13.436	0.0509	0.0532	75.475	2.578	59.718	21.365	608.680	2.540	0.000
23/11/2019	20:00:00	AE	0.6029	1.1311	16.173	17.295	0.1157	0.0711	125.940	2.295	69.203	19.942	609.180	1.992	0.000
23/11/2019	21:00:00	AE	0.6244	1.6733	19.364	21.048	0.1290	0.0507	128.070	2.601	73.501	18.956	609.630	1.913	0.000
23/11/2019	22:00:00	AE	0.5040	1.3948	13.298	14.649	0.2431	0.0410	92.757	3.327	86.905	17.707	610.150	1.996	0.000
23/11/2019	23:00:00	AE	0.4530	0.8785	11.409	12.292	0.0575	0.0468	112.070	3.301	92.917	16.808	610.360	2.076	0.000

PROMEDIO 24 HORAS	AE	0.49318	4.2893	13.132	17.423	0.42	0.0554
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	24/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/11/2019	00:00:00	AE	0.4840	1.0983	13.687	14.786	0.1472	0.0291	87.430	2.717	93.856	16.316	610.290	2.035	0.000
24/11/2019	01:00:00	AE	0.4658	1.1401	13.335	14.458	0.1383	0.0298	76.629	2.295	95.382	15.952	610.030	1.961	0.000
24/11/2019	02:00:00	AE	0.4349	CAL	CAL	CAL	0.7750	0.0391	63.081	1.786	93.231	16.152	610.160	1.863	0.000
24/11/2019	03:00:00	AE	0.4238	0.6016	7.120	7.714	0.3110	0.0301	61.153	1.163	93.038	16.077	610.060	1.930	0.000
24/11/2019	04:00:00	AE	0.3603	0.4606	7.505	7.967	CAL	0.0273	46.024	1.243	94.546	15.836	609.740	1.754	0.000
24/11/2019	05:00:00	AE	0.3049	0.0513	6.850	6.901	0.5965	0.0318	107.850	2.198	84.767	16.299	609.660	1.864	0.000
24/11/2019	06:00:00	AE	0.3437	0.3117	8.271	8.579	0.5102	0.0133	132.050	1.403	77.838	16.307	609.740	1.864	0.000
24/11/2019	07:00:00	AE	0.3544	0.4881	7.232	7.719	0.4374	0.0130	144.040	1.364	74.857	16.163	610.080	2.098	0.000
24/11/2019	08:00:00	AE	0.3793	0.7588	8.474	9.233	0.6081	0.0175	151.220	1.449	74.424	16.113	610.410	16.736	0.000
24/11/2019	09:00:00	AE	0.4147	1.5347	9.346	10.852	0.6462	0.0226	139.570	1.334	73.407	16.266	610.810	70.916	0.000
24/11/2019	10:00:00	AE	0.4082	1.9729	7.723	9.701	0.3227	0.0253	127.350	1.714	71.516	16.586	611.100	162.960	0.000
24/11/2019	11:00:00	AE	0.4085	2.2097	6.300	8.521	0.6101	0.0270	186.920	0.933	66.935	17.689	611.060	371.310	0.000
24/11/2019	12:00:00	AE	0.3966	1.7003	5.293	6.991	0.2914	0.0328	184.780	0.818	59.638	19.450	610.670	609.190	0.000
24/11/2019	13:00:00	AE	0.4194	1.1569	5.833	6.987	0.8990	0.0362	127.020	1.148	55.185	20.900	609.820	610.850	0.000
24/11/2019	14:00:00	AE	0.4771	1.2924	7.445	8.743	1.1576	0.0439	210.990	1.179	51.849	22.039	609.020	576.560	0.000
24/11/2019	15:00:00	AE	0.3836	1.2752	5.417	6.745	0.6035	0.0679	152.450	1.945	49.408	22.924	608.340	522.330	0.000
24/11/2019	16:00:00	AE	0.3366	1.3977	5.232	6.642	0.0970	0.0577	79.329	2.180	48.692	23.440	607.820	415.820	0.000
24/11/2019	17:00:00	AE	AE	1.3304	4.846	6.183	0.0000	0.0382	51.705	2.233	51.482	22.788	607.730	227.860	0.000
24/11/2019	18:00:00	AE	AE	1.1434	8.070	9.217	0.5324	0.0297	42.292	1.368	56.393	21.464	607.880	27.980	0.000
24/11/2019	19:00:00	AE	AE	2.4270	16.500	18.945	0.2712	0.0527	42.040	0.997	61.678	20.195	608.080	2.503	0.000
24/11/2019	20:00:00	AE	AE	3.7137	21.568	25.276	0.5880	0.0826	171.690	1.035	66.532	19.318	608.390	2.098	0.000
24/11/2019	21:00:00	AE	AE	11.1040	25.233	36.461	0.6884	0.0895	112.700	0.669	69.970	19.090	608.600	2.131	0.000
24/11/2019	22:00:00	AE	AE	50.3790	25.432	76.009	1.0647	0.0608	199.550	0.333	72.434	18.292	608.600	2.092	0.000
24/11/2019	23:00:00	AE	AE	75.8370	24.584	100.440	1.4898	0.0966	193.050	0.279	75.930	17.457	608.600	2.160	0.000

PROMEDIO 24 HORAS	AE	0.39974	7.1037	10.926	18.046	0.56	0.0414
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	25/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
25/11/2019	00:00:00	AE	AE	47.4100	22.548	69.989	1.2020	0.1522	298.780	0.933	87.174	16.207	608.550	1.945	0.000
25/11/2019	01:00:00	AE	AE	7.6636	20.825	28.492	0.1034	0.1557	308.540	0.499	92.861	15.464	608.240	1.982	0.000
25/11/2019	02:00:00	AE	AE	16.0600	19.500	35.630	0.0000	0.0523	196.290	0.154	93.006	15.137	608.000	2.042	0.000
25/11/2019	03:00:00	AE	AE	17.0520	17.293	34.362	0.0000	0.0393	127.210	1.004	97.616	14.403	607.740	2.022	0.000
25/11/2019	04:00:00	AE	AE	4.2442	12.892	17.166	0.0000	0.0652	214.120	1.091	100.000	13.075	607.710	2.047	0.000
25/11/2019	05:00:00	AE	AE	0.7660	7.050	7.813	0.0000	0.0265	295.160	0.096	100.000	13.160	607.590	2.024	0.000
25/11/2019	06:00:00	AE	AE	1.5171	12.313	13.860	0.0000	0.0285	255.760	0.818	99.546	13.529	607.400	2.086	0.000
25/11/2019	07:00:00	AE	AE	31.9330	16.825	48.961	0.0000	0.0281	236.590	0.667	97.980	12.654	607.770	2.749	0.000
25/11/2019	08:00:00	AE	AE	125.6500	17.576	142.710	0.5989	0.0694	182.330	0.169	99.497	12.993	608.180	80.179	0.000
25/11/2019	09:00:00	AE	AE	59.4490	22.758	82.164	0.3674	0.2023	41.886	0.401	88.140	14.875	608.420	266.560	0.000
25/11/2019	10:00:00	AE	AE	31.2570	31.240	62.471	0.3284	0.1812	111.880	0.228	63.424	18.224	608.590	448.440	0.000
25/11/2019	11:00:00	AE	AE	11.6400	23.203	34.853	1.5380	0.1670	144.580	0.525	40.105	21.930	608.390	614.780	0.000
25/11/2019	12:00:00	AE	AE	4.8475	12.404	17.267	2.8759	0.0986	125.750	0.884	32.206	23.540	607.660	692.310	0.000
25/11/2019	13:00:00	AE	AE	2.4610	7.050	9.505	0.4594	0.0655	174.150	1.197	26.089	24.624	606.820	709.440	0.000
25/11/2019	14:00:00	AE	AE	2.0934	6.212	8.305	0.2399	0.0494	266.740	1.357	22.536	26.210	605.760	700.010	0.000
25/11/2019	15:00:00	AE	AE	1.2198	3.907	5.127	0.3152	0.0376	209.900	1.178	20.116	27.038	605.060	597.560	0.000
25/11/2019	16:00:00	AE	AE	1.4042	4.529	5.957	0.0000	0.0204	243.470	1.517	18.285	27.672	604.600	415.130	0.000
25/11/2019	17:00:00	AE	AE	1.7842	5.891	7.693	0.0000	0.0227	282.270	1.245	19.033	27.718	604.420	267.870	0.000
25/11/2019	18:00:00	AE	AE	4.3512	13.450	17.942	0.0000	0.0243	100.340	2.293	28.533	24.767	604.700	61.624	0.000
25/11/2019	19:00:00	AE	AE	4.4933	28.771	33.213	0.0131	0.0677	59.200	0.476	35.707	22.296	605.320	2.445	0.000
25/11/2019	20:00:00	AE	AE	5.4923	33.233	38.731	0.0000	0.1604	134.510	1.217	44.099	21.993	605.750	2.079	0.000
25/11/2019	21:00:00	AE	AE	14.4610	39.287	53.686	0.0000	0.0642	166.950	0.513	48.359	21.335	606.110	2.033	0.000
25/11/2019	22:00:00	AE	AE	22.9250	34.774	57.621	0.0000	0.0685	238.040	0.456	45.731	20.100	606.420	2.055	0.000
25/11/2019	23:00:00	AE	AE	5.5138	23.639	29.125	0.0000	0.0563	227.270	0.856	38.769	19.191	606.700	2.001	0.000

PROMEDIO 24 HORAS	AE	AE	17.7370	18.215	35.943	0.34	0.0793
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	26/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
26/11/2019	00:00:00	AE	AE	35.8410	27.525	63.453	0.0000	0.0255	185.080	0.180	41.152	18.292	606.600	2.107	0.000
26/11/2019	01:00:00	AE	AE	7.5867	17.487	25.105	0.0000	0.0488	247.640	1.263	35.595	18.847	606.360	1.920	0.000
26/11/2019	02:00:00	AE	AE	9.5617	18.607	28.105	0.0000	0.0219	156.130	0.578	43.504	18.024	606.280	1.898	0.000
26/11/2019	03:00:00	AE	AE	0.7042	7.748	8.498	0.0000	0.0384	209.650	1.182	37.430	18.156	605.970	1.905	0.000
26/11/2019	04:00:00	AE	AE	0.2774	7.123	7.397	0.0000	0.0237	224.630	1.827	37.437	17.897	605.720	1.983	0.000
26/11/2019	05:00:00	AE	AE	0.2118	4.861	5.071	0.0000	0.0154	251.390	1.525	39.828	17.180	605.710	1.940	0.000
26/11/2019	06:00:00	AE	AE	0.3544	6.177	6.528	0.0000	0.0154	218.390	2.162	43.376	16.721	605.920	1.875	0.000
26/11/2019	07:00:00	AE	AE	1.3070	7.504	8.819	0.0000	0.0159	251.030	3.827	48.141	16.490	606.310	2.872	0.000
26/11/2019	08:00:00	AE	AE	4.2397	12.123	16.354	0.0000	0.0201	258.510	2.703	55.907	16.407	607.100	82.259	0.000
26/11/2019	09:00:00	AE	AE	3.8362	9.287	13.148	0.0000	0.0266	252.100	2.317	60.325	17.617	607.770	197.660	0.000
26/11/2019	10:00:00	AE	AE	3.0954	8.002	11.107	0.0000	0.0361	225.750	2.478	61.899	18.176	608.250	124.520	0.000
26/11/2019	11:00:00	AE	AE	2.7756	9.352	12.132	0.0000	0.0359	150.610	1.414	58.757	19.291	608.310	221.560	0.000
26/11/2019	12:00:00	AE	AE	2.0914	5.942	8.021	0.0000	0.0461	153.540	2.196	50.053	21.205	607.640	394.030	0.000
26/11/2019	13:00:00	AE	AE	2.2733	5.868	8.150	0.0000	0.0469	244.140	3.669	41.885	22.919	607.000	389.270	0.000
26/11/2019	14:00:00	AE	AE	2.6100	5.776	8.391	0.0000	0.0557	254.490	3.657	39.992	23.653	606.480	425.410	0.000
26/11/2019	15:00:00	AE	AE	2.1118	5.997	8.100	0.1203	0.0606	248.940	3.514	38.700	23.907	606.070	390.650	0.000
26/11/2019	16:00:00	AE	AE	2.2324	6.906	9.141	0.0000	0.0436	245.910	3.749	39.514	23.542	606.060	287.970	0.000
26/11/2019	17:00:00	AE	AE	2.2580	7.822	10.093	0.0000	0.0320	241.930	3.634	41.206	23.191	606.080	157.640	0.000
26/11/2019	18:00:00	AE	AE	1.9537	11.880	13.828	0.0000	0.0273	242.990	2.139	41.426	22.832	606.440	39.106	0.000
26/11/2019	19:00:00	AE	AE	8.7064	31.831	40.425	0.0000	0.0275	301.780	1.293	46.738	21.433	606.830	2.364	0.000
26/11/2019	20:00:00	AE	AE	10.6960	33.408	43.871	0.0000	0.0675	263.300	0.875	50.256	20.330	607.480	2.093	0.000
26/11/2019	21:00:00	AE	AE	33.8070	36.145	70.055	0.5239	0.0683	236.050	1.145	50.306	19.756	607.820	1.967	0.000
26/11/2019	22:00:00	AE	AE	7.8966	26.717	34.669	0.0000	0.0700	234.780	1.721	48.663	19.207	608.380	2.164	0.000
26/11/2019	23:00:00	AE	AE	3.4262	21.768	25.174	0.0000	0.0408	231.740	1.263	49.786	18.698	608.640	2.115	0.000

PROMEDIO 24 HORAS	AE	AE	6.2439	13.994	20.235	0.03	0.0379
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	27/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
27/11/2019	00:00:00	AE	AE	1.3590	18.680	20.039	0.0000	0.0385	233.040	1.353	52.334	17.964	608.690	2.105	0.000
27/11/2019	01:00:00	AE	AE	0.8329	15.657	16.493	0.0000	0.0383	249.750	1.519	54.384	17.458	608.450	2.050	0.000
27/11/2019	02:00:00	AE	AE	0.4705	12.900	13.388	0.8230	0.0337	176.770	1.270	57.055	16.832	608.370	2.076	0.000
27/11/2019	03:00:00	AE	AE	11.4770	25.732	37.223	0.9647	0.0287	226.130	1.004	67.341	14.611	608.550	2.093	0.000
27/11/2019	04:00:00	AE	AE	11.3650	26.002	37.422	1.1416	0.1087	290.370	0.547	68.358	14.316	608.710	1.937	0.000
27/11/2019	05:00:00	AE	AE	1.3512	17.342	18.699	1.1956	0.0822	235.270	0.508	66.378	14.565	608.830	2.048	0.000
27/11/2019	06:00:00	AE	AE	1.0911	14.343	15.388	1.0148	0.0354	190.770	0.716	65.725	14.611	608.910	2.011	0.000
27/11/2019	07:00:00	AE	AE	41.6010	26.525	68.096	1.1729	0.0304	156.970	0.247	68.360	14.494	609.400	2.552	0.000
27/11/2019	08:00:00	AE	AE	72.0150	25.555	97.307	1.6914	0.0717	273.050	0.532	71.048	13.846	609.920	39.282	0.000
27/11/2019	09:00:00	AE	AE	34.3000	26.137	60.431	1.9892	0.1175	275.500	0.303	61.828	15.807	610.290	223.060	0.000
27/11/2019	10:00:00	AE	AE	36.6610	36.200	72.708	3.1807	0.0885	108.420	0.491	51.713	19.013	610.500	418.700	0.000
27/11/2019	11:00:00	AE	AE	35.4860	45.115	80.719	7.1597	0.1333	108.200	0.752	45.888	21.157	610.460	569.410	0.000
27/11/2019	12:00:00	AE	AE	7.0201	17.523	24.533	3.0007	0.1289	112.930	1.617	42.027	23.037	609.940	665.660	0.000
27/11/2019	13:00:00	AE	AE	4.6244	15.134	19.763	AE	0.0732	113.340	2.328	39.748	24.085	609.140	687.340	0.000
27/11/2019	14:00:00	AE	AE	2.1525	10.284	12.434	0.0000	0.0790	122.980	2.607	37.612	25.281	608.270	615.450	0.000
27/11/2019	15:00:00	AE	AE	1.9156	9.426	11.381	0.0000	0.0602	133.440	3.430	35.674	26.179	607.680	605.620	0.000
27/11/2019	16:00:00	AE	AE	1.5680	9.561	11.128	0.0000	0.0594	95.705	4.561	37.084	25.713	607.380	349.360	0.000
27/11/2019	17:00:00	AE	AE	1.6371	11.808	13.402	0.0000	0.0723	85.757	4.777	38.959	24.209	607.500	120.460	0.000
27/11/2019	18:00:00	AE	AE	1.4997	13.843	15.315	0.0000	0.0682	94.341	5.520	40.132	23.376	607.710	68.613	0.000
27/11/2019	19:00:00	AE	AE	1.1933	16.763	17.952	0.0000	0.0962	97.969	5.056	45.710	21.822	608.330	2.624	0.000
27/11/2019	20:00:00	AE	AE	1.0550	15.613	16.670	0.0000	0.0762	88.240	4.331	59.253	20.287	609.060	1.928	0.000
27/11/2019	21:00:00	AE	AE	0.8277	11.695	12.516	0.0000	0.0970	88.600	4.284	73.507	18.407	609.760	2.018	0.000
27/11/2019	22:00:00	AE	AE	0.9325	12.976	13.911	0.0000	0.0662	91.225	4.067	78.247	17.639	610.460	1.924	0.000
27/11/2019	23:00:00	AE	AE	0.5245	10.611	11.139	0.0000	0.0520	95.655	4.340	82.110	16.777	610.900	1.869	0.000

PROMEDIO 24 HORAS	AE	AE	11.3733	18.559	29.919	1.01	0.0723
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	28/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
28/11/2019	00:00:00	AE	AE	0.4134	10.852	11.275	0.0000	0.0351	83.915	3.274	82.955	16.252	611.070	1.830	0.000
28/11/2019	01:00:00	AE	AE	0.2360	13.404	13.639	0.0000	0.0379	77.093	2.405	82.217	15.899	611.140	1.846	0.000
28/11/2019	02:00:00	AE	AE	0.0339	9.375	9.431	0.0000	0.0380	75.534	2.169	84.063	15.367	611.210	1.879	0.000
28/11/2019	03:00:00	AE	AE	0.1650	10.402	10.535	0.0000	0.0334	113.160	2.903	81.454	15.527	611.010	1.800	0.000
28/11/2019	04:00:00	AE	AE	0.1668	5.992	6.153	0.0000	0.0329	118.590	2.869	78.394	15.488	611.000	1.801	0.000
28/11/2019	05:00:00	AE	AE	0.4201	12.503	12.930	0.0000	0.0298	92.345	1.599	87.678	14.237	611.030	1.761	0.000
28/11/2019	06:00:00	AE	AE	4.3241	25.005	29.321	0.2322	0.0674	212.870	0.776	97.200	13.155	611.330	1.766	0.000
28/11/2019	07:00:00	AE	AE	20.5380	29.254	49.790	0.3996	0.0768	330.430	0.287	98.856	12.823	611.710	2.109	0.000
28/11/2019	08:00:00	AE	AE	44.7380	27.510	72.270	0.5765	0.0854	296.630	1.010	98.424	12.672	611.920	36.030	0.000
28/11/2019	09:00:00	AE	AE	77.2240	31.570	108.780	0.9249	0.1047	311.240	0.198	93.276	13.770	612.170	142.210	0.000
28/11/2019	10:00:00	AE	AE	8.8743	14.521	23.280	1.1008	0.1698	124.420	2.937	70.288	17.384	612.150	440.630	0.000
28/11/2019	11:00:00	AE	AE	3.3640	10.445	13.825	0.7346	0.0681	111.430	3.003	60.667	19.230	612.080	582.450	0.000
28/11/2019	12:00:00	AE	AE	3.2317	10.886	14.121	0.7070	0.0622	101.510	2.509	56.113	20.518	611.770	673.380	0.000
28/11/2019	13:00:00	AE	AE	2.7927	11.663	14.457	0.9055	0.0669	115.550	1.191	51.245	21.998	611.210	691.910	0.000
28/11/2019	14:00:00	AE	AE	1.5370	8.212	9.735	0.6882	0.0723	111.360	1.973	48.303	23.190	610.420	659.640	0.000
28/11/2019	15:00:00	AE	AE	1.2897	6.552	7.839	0.2444	0.0857	145.010	2.741	50.865	22.588	609.870	552.470	0.000
28/11/2019	16:00:00	AE	AE	1.3631	7.026	8.384	0.2297	0.0715	81.945	2.202	49.267	23.241	609.500	393.570	0.000
28/11/2019	17:00:00	AE	AE	1.2703	9.117	10.401	0.4864	0.0620	80.347	2.954	52.389	22.652	609.520	193.360	0.000
28/11/2019	18:00:00	AE	AE	1.3509	13.109	14.461	0.3152	0.0735	91.293	3.171	61.529	20.429	610.080	34.915	0.000
28/11/2019	19:00:00	AE	AE	1.3031	15.530	16.849	0.0498	0.0733	82.451	2.373	67.407	18.995	610.820	2.235	0.000
28/11/2019	20:00:00	AE	AE	0.9903	15.268	16.295	0.1274	0.0654	88.176	2.487	71.086	18.162	611.290	1.813	0.000
28/11/2019	21:00:00	AE	AE	1.0195	17.998	18.943	0.0614	0.0529	89.930	2.105	72.611	17.737	611.660	1.890	0.000
28/11/2019	22:00:00	AE	AE	1.9988	25.057	27.088	0.0000	0.0538	98.038	1.440	74.539	17.433	612.110	1.838	0.000
28/11/2019	23:00:00	AE	AE	1.3468	21.671	23.022	0.7165	0.0558	82.282	1.237	78.747	16.890	612.330	1.916	0.000

PROMEDIO 24 HORAS	AE	AE	7.4996	15.122	22.618	0.35	0.0656
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	29/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
29/11/2019	00:00:00	AE	AE	4.0512	26.795	30.827	0.7397	0.0620	253.920	0.635	86.380	16.140	612.520	1.862	0.000
29/11/2019	01:00:00	AE	AE	1.6385	18.932	20.580	0.6358	0.0723	315.660	0.887	92.798	15.392	612.520	1.676	0.000
29/11/2019	02:00:00	AE	AE	0.5411	15.362	15.838	1.3363	0.0466	313.690	0.825	98.229	14.804	612.490	1.813	0.000
29/11/2019	03:00:00	AE	AE	0.1230	10.383	10.504	1.3114	0.0454	296.650	0.272	100.000	14.431	612.300	1.818	0.000
29/11/2019	04:00:00	AE	AE	1.2796	16.789	18.068	1.3392	0.0370	312.090	0.139	100.000	14.131	612.050	1.822	0.000
29/11/2019	05:00:00	AE	AE	5.0443	18.666	23.745	1.3783	0.0361	267.170	0.812	100.000	13.152	611.960	1.754	0.000
29/11/2019	06:00:00	AE	AE	1.2609	13.327	14.582	1.3130	0.0425	310.490	1.020	100.000	12.332	611.830	1.695	0.000
29/11/2019	07:00:00	AE	AE	13.3220	19.194	32.625	1.2127	0.0230	318.080	0.837	100.000	11.883	612.060	1.628	0.000
29/11/2019	08:00:00	AE	AE	23.9470	18.821	42.742	1.2781	0.0333	66.460	0.835	100.000	11.839	612.330	23.043	0.000
29/11/2019	09:00:00	AE	AE	9.2278	15.896	25.135	1.4883	0.0563	94.728	1.089	100.000	12.689	612.480	72.595	0.000
29/11/2019	10:00:00	AE	AE	7.1826	14.559	21.761	1.4378	0.0809	233.620	0.922	100.000	13.605	612.790	122.850	0.000
29/11/2019	11:00:00	AE	AE	3.2490	9.490	12.732	1.2185	0.0683	267.180	0.850	99.898	14.640	612.880	185.020	0.000
29/11/2019	12:00:00	AE	AE	2.5311	8.112	10.635	1.0759	0.0496	186.740	0.681	81.659	17.302	612.300	513.470	0.000
29/11/2019	13:00:00	AE	AE	1.5383	6.286	7.824	1.1930	0.0551	138.690	1.025	66.430	19.598	611.340	692.260	0.000
29/11/2019	14:00:00	AE	AE	1.0776	5.924	7.028	1.1790	0.0695	167.260	0.951	54.619	22.316	610.200	662.260	0.000
29/11/2019	15:00:00	AE	AE	1.1135	5.876	6.990	1.3603	0.1138	110.860	1.601	46.370	24.197	609.610	558.770	0.000
29/11/2019	16:00:00	AE	AE	1.0659	6.914	7.976	1.3693	0.0693	93.441	1.518	41.958	25.105	609.200	407.050	0.000
29/11/2019	17:00:00	AE	AE	1.0489	7.941	9.024	1.3331	0.0548	71.786	1.627	40.446	25.216	608.900	216.690	0.000
29/11/2019	18:00:00	AE	AE	1.8240	17.481	19.324	1.2706	0.0585	40.818	1.289	46.358	23.667	608.960	38.788	0.000
29/11/2019	19:00:00	AE	AE	7.6582	33.134	40.925	1.5803	0.0928	137.120	0.727	53.025	21.832	609.220	2.403	0.000
29/11/2019	20:00:00	AE	AE	6.2889	29.341	35.588	1.5689	0.1655	178.680	0.707	63.080	20.350	609.680	1.882	0.000
29/11/2019	21:00:00	AE	AE	14.9700	31.783	46.713	1.5274	0.0932	226.150	0.420	66.503	19.660	610.070	1.885	0.000
29/11/2019	22:00:00	AE	AE	39.8180	29.877	69.789	1.6180	0.0796	304.110	0.364	68.947	18.512	610.190	1.841	0.000
29/11/2019	23:00:00	AE	AE	71.1750	29.624	100.540	2.6028	0.1044	331.430	0.585	74.893	17.445	610.350	1.882	0.000

PROMEDIO 24 HORAS	AE	AE	9.2074	17.104	26.312	1.35	0.0671
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	30/11/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
30/11/2019	00:00:00	AE	AE	8.7784	25.303	34.057	1.7759	0.1164	297.970	0.799	82.770	16.559	610.310	1.831	0.000
30/11/2019	01:00:00	AE	AE	29.5100	26.693	56.151	0.4308	0.0672	305.300	0.512	80.435	15.970	610.210	1.933	0.000
30/11/2019	02:00:00	AE	AE	25.8620	25.958	51.520	0.0000	0.0681	295.530	0.056	78.755	15.543	610.150	1.889	0.000
30/11/2019	03:00:00	AE	AE	37.3740	23.750	61.208	0.0000	0.0774	308.660	0.024	85.274	14.870	609.940	1.873	0.000
30/11/2019	04:00:00	AE	AE	28.0140	21.266	49.637	0.0000	0.0802	269.920	0.519	80.536	14.803	609.670	1.833	0.000
30/11/2019	05:00:00	AE	AE	15.4540	22.163	37.536	0.0000	0.0473	307.210	0.252	81.489	14.150	609.680	1.899	0.000
30/11/2019	06:00:00	AE	AE	22.7210	19.983	42.577	0.0000	0.0509	231.300	0.254	74.680	14.033	609.710	1.901	0.000
30/11/2019	07:00:00	AE	AE	60.8620	20.042	80.412	0.0000	0.0485	291.730	0.094	87.144	13.313	609.940	2.030	0.000
30/11/2019	08:00:00	AE	AE	30.1880	21.117	51.106	0.0000	DI	234.990	0.932	66.667	14.396	610.210	62.123	0.000
30/11/2019	09:00:00	AE	AE	110.4600	37.136	148.230	0.0814	DI	118.540	0.718	63.589	17.048	610.470	242.050	0.000
30/11/2019	10:00:00	AE	AE	109.6900	63.630	173.460	1.0917	DI	90.599	1.178	61.391	19.447	610.680	424.640	0.000
30/11/2019	11:00:00	AE	AE	45.6260	45.711	91.448	5.8613	DI	82.167	1.330	49.979	21.494	610.520	579.540	0.000
30/11/2019	12:00:00	AE	AE	10.7230	23.462	34.046	2.6563	DI	130.540	0.934	38.651	23.840	610.080	663.640	0.000
30/11/2019	13:00:00	AE	AE	3.3072	13.533	16.898	1.1853	DI	182.190	1.006	31.847	25.339	609.230	688.450	0.000
30/11/2019	14:00:00	AE	AE	1.8521	9.219	11.040	0.7694	DI	159.580	1.523	29.290	26.294	608.170	652.140	0.000
30/11/2019	15:00:00	AE	AE	1.5217	6.713	8.248	0.0000	DI	187.640	1.675	25.229	27.158	607.470	599.160	0.000
30/11/2019	16:00:00	AE	AE	2.0129	5.536	7.547	0.0000	DI	201.930	1.831	22.123	27.629	607.150	446.000	0.000
30/11/2019	17:00:00	AE	AE	2.1046	6.789	8.890	0.0000	DI	253.370	1.932	20.605	27.612	607.110	257.630	0.000
30/11/2019	18:00:00	AE	AE	1.5513	11.088	12.650	0.0000	DI	288.890	1.780	22.766	26.509	607.250	65.830	0.000
30/11/2019	19:00:00	AE	AE	11.7430	29.842	41.673	0.0000	DI	272.420	1.094	25.995	24.742	607.560	2.494	0.000
30/11/2019	20:00:00	AE	AE	21.3150	30.951	52.210	0.5826	DI	230.720	1.205	31.371	22.271	608.020	1.915	0.000
30/11/2019	21:00:00	AE	AE	25.6730	33.825	59.496	0.0000	DI	256.620	1.131	31.790	21.737	608.530	1.881	0.000
30/11/2019	22:00:00	AE	AE	14.6180	32.898	47.511	0.0000	DI	250.540	0.950	33.853	20.670	608.730	1.901	0.000
30/11/2019	23:00:00	AE	AE	11.2710	31.283	42.625	2.7872	DI	269.030	0.778	37.056	19.398	608.970	1.868	0.000

PROMEDIO 24 HORAS	AE	AE	26.3430	24.495	50.841	0.72	0.0695
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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