

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

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

PROMEDIO 24 HORAS	13.824	0.13981	7.9871	11.092	19.066	6.81	0.0403
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	02/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
02/10/2018	00:00:00	15.678	0.0000	0.6572	7.570	8.224	7.6099	0.0308	72.951	2.531	85.253	17.196	611.770	2.169	0.000
02/10/2018	01:00:00	CAL	0.0000	0.3803	5.955	6.336	7.2383	0.0213	60.489	1.740	96.079	16.402	611.670	2.077	0.000
02/10/2018	02:00:00	16.755	2.8950	0.3423	5.588	5.925	7.5376	0.0214	65.085	1.447	96.344	16.402	611.550	2.173	0.000
02/10/2018	03:00:00	16.601	2.9976	0.2842	4.781	5.063	7.0960	0.0196	130.640	1.137	98.370	16.463	611.260	2.177	0.000
02/10/2018	04:00:00	14.140	3.0582	0.3372	5.609	5.947	6.4994	0.0305	221.980	1.049	98.896	16.134	610.860	2.178	0.000
02/10/2018	05:00:00	12.563	2.9059	0.2797	5.974	6.249	6.4248	0.0371	100.630	1.142	100.000	15.592	610.890	2.200	0.100
02/10/2018	06:00:00	10.835	2.8286	0.5240	7.179	7.700	6.3326	0.0340	61.055	1.175	100.000	15.129	610.940	2.214	0.100
02/10/2018	07:00:00	8.717	3.0349	1.7466	12.896	14.666	6.4044	0.0284	65.031	1.450	100.000	15.152	611.050	2.245	0.000
02/10/2018	08:00:00	5.551	3.6090	7.1729	20.083	27.238	7.1388	0.0082	78.086	1.826	100.000	15.462	611.200	16.166	0.100
02/10/2018	09:00:00	7.459	3.5917	12.4390	18.846	31.294	7.6758	0.0265	84.348	1.753	94.488	16.516	611.420	175.640	0.000
02/10/2018	10:00:00	15.298	3.4871	7.8579	12.423	20.308	7.0200	0.0404	98.078	2.469	75.229	17.636	611.840	392.630	0.000
02/10/2018	11:00:00	20.940	3.3752	5.1307	8.928	14.030	6.5085	0.0266	119.520	2.181	64.097	18.806	612.150	470.110	0.000
02/10/2018	12:00:00	23.294	3.4536	3.0872	7.100	10.179	6.3131	0.0276	78.246	2.222	63.025	19.341	612.140	407.120	0.000
02/10/2018	13:00:00	23.987	3.4167	1.8819	5.517	7.399	6.7441	0.0269	96.053	2.699	62.082	19.972	611.840	348.370	0.000
02/10/2018	14:00:00	22.337	3.3267	2.1298	4.466	6.634	6.5647	0.0236	73.396	3.306	63.109	20.652	611.370	660.610	0.000
02/10/2018	15:00:00	24.432	3.0748	1.4658	3.620	5.084	6.3215	0.0238	83.148	2.828	57.877	21.381	610.660	538.280	0.000
02/10/2018	16:00:00	25.501	3.1018	1.3754	3.901	5.278	6.4950	0.0230	89.661	3.225	50.889	22.654	610.120	667.440	0.000
02/10/2018	17:00:00	25.349	3.1678	1.5192	3.501	5.022	6.4457	0.0294	75.957	3.720	46.641	23.075	609.810	535.870	0.000
02/10/2018	18:00:00	24.890	3.0212	1.3072	3.916	5.220	6.2674	0.0239	74.197	3.574	49.545	22.893	609.710	308.860	0.000
02/10/2018	19:00:00	21.519	3.0159	1.2788	4.832	6.108	6.3465	0.0260	71.515	3.628	57.966	21.355	609.880	130.950	0.000
02/10/2018	20:00:00	18.505	3.3547	1.3467	8.040	9.385	6.2701	0.0179	85.677	3.188	61.002	20.154	610.220	14.646	0.000
02/10/2018	21:00:00	13.485	2.9470	1.4614	13.693	15.151	6.2068	0.0158	114.750	2.792	67.825	19.064	610.430	2.183	0.000
02/10/2018	22:00:00	13.396	3.4370	1.3266	11.099	12.445	6.3210	0.0176	109.970	3.058	78.557	18.388	610.890	2.225	0.000
02/10/2018	23:00:00	15.193	2.8079	0.8368	8.220	9.054	6.3795	0.0185	92.287	2.982	100.000	17.118	611.350	2.140	0.000

PROMEDIO 24 HORAS	17.236	2.91285	2.3404	8.072	10.414	6.67	0.0250
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	03/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
03/10/2018	00:00:00	17.086	2.9907	0.6595	5.525	6.198	6.3605	0.0092	92.709	3.275	97.922	17.027	611.670	2.187	0.000
03/10/2018	01:00:00	18.913	3.2345	0.4467	4.298	4.748	6.5772	0.0084	85.059	2.898	99.935	16.631	611.600	2.150	0.000
03/10/2018	02:00:00	20.416	CAL	CAL	CAL	CAL	6.2620	0.0125	91.320	2.463	99.199	16.255	611.370	2.166	0.000
03/10/2018	03:00:00	18.063	CAL	0.2046	4.899	5.103	6.3127	0.0130	77.399	2.092	99.908	15.618	610.930	2.096	0.000
03/10/2018	04:00:00	18.314	1.7726	0.1526	4.003	4.156	CAL	0.0094	114.290	1.125	99.989	15.252	610.660	2.017	0.000
03/10/2018	05:00:00	16.691	2.0834	0.1257	5.044	5.175	6.1560	0.0434	90.922	0.876	98.115	15.697	610.450	2.086	0.000
03/10/2018	06:00:00	13.283	1.8537	0.3362	8.276	8.635	6.8085	0.0220	53.647	0.893	99.266	15.623	610.210	2.126	0.000
03/10/2018	07:00:00	7.621	2.1033	2.4841	14.575	17.071	6.1603	0.0424	37.705	0.833	100.000	15.594	610.360	2.110	0.000
03/10/2018	08:00:00	7.214	2.0377	5.4264	15.626	21.044	6.1951	0.0822	106.980	1.259	100.000	15.327	610.560	6.476	0.000
03/10/2018	09:00:00	8.574	1.8771	6.6452	14.303	20.945	6.3013	0.0571	37.060	1.000	99.306	15.868	610.710	53.267	0.000
03/10/2018	10:00:00	15.878	1.9657	3.9220	8.518	12.460	6.2109	0.0675	51.622	1.503	88.611	16.967	610.760	204.360	0.000
03/10/2018	11:00:00	21.614	1.8326	2.0217	4.987	7.006	6.0636	0.0471	83.238	2.209	74.794	18.080	611.010	298.580	0.000
03/10/2018	12:00:00	23.445	2.2440	1.6656	4.509	6.174	5.9026	0.0319	99.747	2.571	66.895	19.151	611.040	426.580	0.000
03/10/2018	13:00:00	25.039	1.7487	1.3612	3.840	5.206	6.0115	0.0194	73.495	2.287	61.094	20.458	610.640	493.880	0.000
03/10/2018	14:00:00	25.312	2.0398	1.6749	4.155	5.821	6.2396	0.0214	100.550	2.714	56.152	21.322	610.160	749.890	0.000
03/10/2018	15:00:00	27.024	2.0506	1.4370	4.062	5.500	6.3470	0.0272	83.844	2.745	50.492	22.348	609.490	582.660	0.000
03/10/2018	16:00:00	25.523	1.8668	1.4074	3.447	4.860	5.8889	0.0310	79.408	2.597	50.558	22.764	608.950	494.500	0.000
03/10/2018	17:00:00	24.322	1.7713	1.4398	4.073	5.507	5.9931	0.0227	88.832	3.504	51.704	22.388	608.640	313.870	0.000
03/10/2018	18:00:00	24.957	1.5139	1.4157	3.970	5.385	6.0768	0.0242	79.550	3.194	46.515	23.099	608.450	336.870	0.000
03/10/2018	19:00:00	21.537	1.7785	1.9864	6.850	8.845	6.0958	0.0199	71.528	2.913	51.372	22.218	608.470	87.005	0.000
03/10/2018	20:00:00	20.439	1.6316	0.9187	5.861	6.794	5.9904	0.0157	70.242	3.350	58.871	21.046	608.920	19.126	0.000
03/10/2018	21:00:00	15.534	2.0090	1.4390	10.588	12.015	6.0807	0.0208	90.195	2.925	67.322	19.857	609.430	2.225	0.000
03/10/2018	22:00:00	15.796	1.7004	0.8863	8.978	9.874	5.8241	0.0167	92.853	3.156	71.782	19.322	609.860	2.233	0.000
03/10/2018	23:00:00	14.263	1.6632	0.8502	10.988	11.825	6.8260	0.0158	86.693	2.918	75.595	18.619	610.270	2.272	0.000

PROMEDIO 24 HORAS	18.619	1.98950	1.6916	7.016	8.711	6.20	0.0284
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	04/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
04/10/2018	00:00:00	17.789	1.8581	0.4056	6.333	6.730	7.3295	0.0225	86.776	2.989	81.086	18.308	610.610	2.258	0.000
04/10/2018	01:00:00	CAL	1.6323	0.2380	4.026	4.247	6.2830	0.0264	79.497	3.005	90.916	17.704	610.550	2.157	0.000
04/10/2018	02:00:00	20.092	0.0000	0.0688	3.074	3.143	5.9083	0.0168	80.064	2.396	95.803	17.420	610.500	2.143	0.000
04/10/2018	03:00:00	20.857	0.0000	0.1099	3.160	3.270	5.8248	0.0146	94.114	2.307	94.621	17.337	610.210	2.101	0.000
04/10/2018	04:00:00	20.371	0.0000	0.1114	3.164	3.275	5.9281	0.0131	80.440	2.077	99.350	16.709	609.930	2.160	0.000
04/10/2018	05:00:00	18.299	0.0000	0.1943	4.186	4.373	5.5019	0.0080	55.119	1.228	100.000	16.690	609.780	2.154	0.000
04/10/2018	06:00:00	18.930	0.0000	0.1622	6.189	6.317	5.6106	0.0191	57.500	1.498	100.000	16.273	609.840	2.194	0.000
04/10/2018	07:00:00	9.387	0.0000	1.6055	13.332	14.950	5.7626	0.0356	191.480	0.869	100.000	15.990	610.110	2.276	0.000
04/10/2018	08:00:00	4.907	0.0000	7.8216	17.919	25.766	5.5973	0.0551	51.920	0.752	100.000	15.777	610.280	6.894	0.000
04/10/2018	09:00:00	5.786	0.0000	10.2260	17.084	27.332	5.7051	0.0663	73.088	0.377	99.910	16.277	610.660	67.016	0.000
04/10/2018	10:00:00	16.738	0.0000	4.6906	8.779	13.512	5.7603	0.0805	78.211	2.064	77.232	18.257	610.920	362.990	0.000
04/10/2018	11:00:00	23.348	0.0000	1.7685	4.303	6.083	5.6058	0.0425	65.604	2.508	67.535	19.124	610.980	451.640	0.000
04/10/2018	12:00:00	23.985	0.0000	1.4380	3.725	5.163	5.5791	0.0295	65.860	2.531	63.181	20.092	610.980	446.450	0.000
04/10/2018	13:00:00	24.750	0.0000	2.3248	4.311	6.622	5.5546	0.0259	73.002	2.820	58.184	21.136	610.640	522.440	0.000
04/10/2018	14:00:00	25.905	0.0000	1.7871	3.600	5.381	5.6847	0.0280	82.013	3.341	51.418	22.402	610.030	802.890	0.000
04/10/2018	15:00:00	26.161	0.0000	1.3811	3.346	4.727	5.9766	0.0275	83.136	3.677	47.962	23.049	609.310	751.420	0.000
04/10/2018	16:00:00	26.391	0.0000	1.2182	2.975	4.191	5.6976	0.0285	81.950	3.784	46.118	23.663	608.700	674.490	0.000
04/10/2018	17:00:00	25.322	0.0000	1.2255	3.302	4.529	5.5765	0.0242	78.532	4.640	46.925	23.497	608.560	522.170	0.000
04/10/2018	18:00:00	25.003	0.0000	1.5183	4.155	5.664	5.6566	0.0306	92.000	4.222	45.825	23.118	608.280	374.120	0.000
04/10/2018	19:00:00	23.597	0.0000	1.4387	4.787	6.227	5.6691	0.0218	78.891	3.826	50.358	22.611	608.180	150.770	0.000
04/10/2018	20:00:00	19.415	0.0000	1.1752	7.581	8.770	5.6161	0.0075	76.133	3.288	60.171	20.914	608.520	9.294	0.000
04/10/2018	21:00:00	18.068	0.0000	1.0254	9.699	10.728	5.8720	0.0249	95.678	3.791	67.054	19.904	608.980	2.208	0.000
04/10/2018	22:00:00	16.500	0.0000	0.8573	8.965	9.836	5.6663	0.0241	100.680	3.662	69.423	19.000	609.660	2.247	0.000
04/10/2018	23:00:00	15.995	0.0000	0.7354	8.639	9.375	5.5653	0.0237	96.649	3.762	70.545	17.910	610.090	2.256	0.000

PROMEDIO 24 HORAS	19.461	0.14543	1.8136	6.526	8.342	5.79	0.0290
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	05/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
05/10/2018	00:00:00	16.299	0.0000	0.6766	9.206	9.891	6.3581	0.0273	80.527	2.606	73.875	16.878	610.330	2.190	0.000
05/10/2018	01:00:00	18.231	0.0000	0.3761	6.334	6.721	5.8633	0.0284	73.671	2.244	83.601	16.037	610.410	2.119	0.000
05/10/2018	02:00:00	18.038	CAL	CAL	CAL	CAL	5.6415	0.0159	52.177	1.232	94.888	15.397	610.290	2.089	0.000
05/10/2018	03:00:00	14.811	CAL	0.3855	6.926	7.297	6.7052	0.0170	40.047	0.651	99.052	14.992	610.170	2.248	0.000
05/10/2018	04:00:00	14.644	0.3659	0.2731	6.813	7.084	CAL	0.0449	126.030	0.595	97.296	15.250	609.880	2.196	0.000
05/10/2018	05:00:00	11.262	0.0846	0.2831	7.810	8.100	6.6394	0.0413	325.750	0.652	98.654	14.802	609.700	2.198	0.000
05/10/2018	06:00:00	11.353	0.0251	0.6631	9.428	10.099	6.8539	0.0286	263.980	0.604	97.961	15.022	609.700	2.157	0.000
05/10/2018	07:00:00	4.435	0.0863	9.4649	17.923	27.308	7.0930	0.0195	208.730	0.311	97.935	15.106	609.830	2.237	0.000
05/10/2018	08:00:00	1.754	1.1621	39.1610	19.129	58.448	7.4268	0.0445	154.220	1.118	99.972	14.557	610.110	10.101	0.000
05/10/2018	09:00:00	5.176	0.5948	20.1200	16.851	36.911	7.4565	0.1088	291.580	0.830	95.699	15.475	610.230	176.560	0.000
05/10/2018	10:00:00	16.407	0.2954	4.7985	8.174	12.975	6.8982	0.0613	105.820	0.757	81.260	17.600	610.400	394.080	0.000
05/10/2018	11:00:00	21.853	0.2366	4.9735	8.817	13.783	7.1394	0.0496	121.800	1.388	62.930	19.704	610.540	592.650	0.000
05/10/2018	12:00:00	25.950	0.4478	3.6814	7.866	11.535	7.2137	0.0462	100.750	2.134	56.731	20.741	610.340	699.650	0.000
05/10/2018	13:00:00	31.139	0.1926	2.0743	5.519	7.597	7.2130	0.0355	99.262	1.812	49.322	22.159	609.720	846.010	0.000
05/10/2018	14:00:00	36.207	0.3856	1.7057	6.738	8.445	7.1810	0.0435	117.960	1.921	43.652	23.526	608.930	878.480	0.000
05/10/2018	15:00:00	37.989	0.0000	1.2166	5.984	7.199	7.0497	0.0474	107.690	1.912	37.084	24.978	608.150	836.990	0.000
05/10/2018	16:00:00	37.216	0.3136	1.1671	4.631	5.800	7.2201	0.0403	129.580	1.730	37.706	25.772	607.570	739.070	0.000
05/10/2018	17:00:00	31.829	0.1548	1.0649	3.909	4.971	6.9376	0.0281	66.065	2.664	39.359	26.152	607.170	589.150	0.000
05/10/2018	18:00:00	24.492	0.0000	1.7263	4.006	5.731	6.5435	0.0386	65.979	3.765	46.651	24.863	607.000	258.490	0.000
05/10/2018	19:00:00	24.099	0.0000	1.2046	4.628	5.822	6.5357	0.0214	80.286	4.722	47.371	23.521	607.120	148.080	0.000
05/10/2018	20:00:00	22.077	0.1546	1.1296	7.810	8.927	6.6996	0.0225	87.661	3.992	51.948	21.466	607.530	10.753	0.000
05/10/2018	21:00:00	16.917	0.2885	1.1765	13.699	14.901	6.8867	0.0125	117.510	2.892	55.207	20.617	608.100	2.255	0.000
05/10/2018	22:00:00	15.560	0.0617	1.3806	13.008	14.448	6.8294	0.0182	85.683	3.529	62.359	19.622	608.510	2.263	0.000
05/10/2018	23:00:00	14.636	0.3492	1.2992	8.840	10.141	6.7841	0.0296	87.021	3.102	75.102	18.321	608.810	2.254	0.000

PROMEDIO 24 HORAS	19.682	0.23633	4.3479	8.872	13.223	6.83	0.0363
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	06/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
06/10/2018	00:00:00	13.314	0.0000	0.9101	9.598	10.518	6.8388	0.0246	79.909	2.167	85.761	17.410	608.840	2.201	0.000
06/10/2018	01:00:00	CAL	0.0093	1.0383	9.472	10.535	6.5787	0.0293	60.034	1.397	93.217	16.761	608.870	2.216	0.000
06/10/2018	02:00:00	9.895	0.0000	0.8044	11.173	11.962	6.1616	0.0249	71.788	1.305	95.098	16.417	609.000	2.154	0.000
06/10/2018	03:00:00	8.405	0.0000	0.6676	11.610	12.288	6.0166	0.0282	202.330	1.843	94.913	16.341	608.840	2.140	0.000
06/10/2018	04:00:00	7.140	0.0000	0.6082	10.375	10.997	6.1185	0.0525	252.300	0.873	100.000	15.207	608.630	2.103	0.000
06/10/2018	05:00:00	9.088	0.0000	0.3737	9.087	9.462	6.0506	0.0324	301.900	1.362	100.000	15.237	608.510	2.124	0.000
06/10/2018	06:00:00	9.223	0.0000	0.5783	9.064	9.650	5.8966	0.0244	300.040	1.384	100.000	15.245	608.520	2.190	0.000
06/10/2018	07:00:00	9.017	0.0000	1.0498	9.951	10.994	6.0807	0.0258	291.600	1.168	100.000	15.278	608.580	2.139	0.000
06/10/2018	08:00:00	10.194	0.0000	1.5863	10.705	12.254	5.8859	0.0289	278.610	1.086	100.000	15.097	608.730	7.275	0.000
06/10/2018	09:00:00	10.112	0.0000	4.6450	12.033	16.687	5.9193	0.0246	322.140	1.118	100.000	15.517	609.000	154.950	0.000
06/10/2018	10:00:00	14.023	0.0000	6.3581	10.012	16.358	6.1013	0.0255	220.210	0.390	90.270	17.455	609.260	389.160	0.000
06/10/2018	11:00:00	20.183	0.0000	5.7357	10.099	15.848	6.5483	0.0286	118.590	0.726	71.527	19.460	609.320	506.410	0.000
06/10/2018	12:00:00	26.877	0.0000	5.6807	13.405	19.093	6.8067	0.0474	146.060	0.856	65.976	20.567	609.010	594.250	0.000
06/10/2018	13:00:00	35.191	0.0000	2.6277	9.562	12.195	6.6938	0.0680	133.790	1.400	61.922	21.429	608.700	429.940	0.000
06/10/2018	14:00:00	45.881	0.0000	1.5969	8.391	9.989	6.5600	0.0917	109.620	1.231	52.155	23.740	608.320	862.390	0.000
06/10/2018	15:00:00	41.112	0.0000	1.2471	5.219	6.449	6.2901	0.0786	82.932	2.201	45.007	25.125	607.480	814.870	0.000
06/10/2018	16:00:00	32.782	0.0000	1.0679	4.379	5.457	6.1159	0.0530	80.176	2.770	47.129	25.037	606.860	538.560	0.000
06/10/2018	17:00:00	26.507	0.0000	1.7548	4.975	6.723	6.0105	0.0345	74.126	2.570	49.133	24.665	606.330	315.590	0.000
06/10/2018	18:00:00	24.774	0.0000	1.4559	4.144	5.601	5.9861	0.0284	57.414	3.072	47.969	24.824	606.030	282.350	0.000
06/10/2018	19:00:00	21.991	0.0000	1.2357	5.087	6.323	5.9410	0.0260	70.715	3.517	54.906	23.200	606.150	63.252	0.000
06/10/2018	20:00:00	20.273	0.0000	1.1253	6.628	7.755	5.8137	0.0194	70.550	3.065	61.266	21.508	606.640	5.767	0.000
06/10/2018	21:00:00	19.441	0.0000	0.7375	8.730	9.460	6.0556	0.0254	96.149	3.388	61.807	20.861	607.250	2.305	0.000
06/10/2018	22:00:00	16.258	0.0000	0.8512	8.702	9.526	6.1800	0.0197	78.830	3.555	73.472	19.626	607.840	2.174	0.000
06/10/2018	23:00:00	14.668	0.0000	1.0070	9.297	10.289	6.9191	0.0316	82.680	3.065	78.702	18.966	608.370	2.127	0.000

PROMEDIO 24 HORAS	19.406	0.00039	1.8643	8.821	10.684	6.23	0.0364
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	07/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
07/10/2018	00:00:00	12.036	0.0000	0.9608	11.917	12.869	7.2663	0.0181	91.961	2.411	77.365	18.873	608.670	2.141	0.000
07/10/2018	01:00:00	13.654	0.0000	0.7764	8.191	8.958	7.3618	0.0226	64.501	2.007	88.773	18.273	608.700	2.129	0.000
07/10/2018	02:00:00	17.914	CAL	CAL	CAL	CAL	7.6655	0.0272	71.601	2.197	80.735	18.090	608.500	2.119	0.000
07/10/2018	03:00:00	17.266	CAL	0.1038	5.188	5.286	6.1553	0.0141	147.450	0.935	82.479	17.871	608.440	2.222	0.000
07/10/2018	04:00:00	16.240	2.7899	0.1951	5.260	5.455	CAL	0.0219	249.370	1.313	85.640	17.771	608.030	2.207	0.000
07/10/2018	05:00:00	15.352	2.5989	0.2608	5.081	5.343	5.6608	0.0274	206.400	1.454	96.806	16.904	607.480	2.148	0.000
07/10/2018	06:00:00	12.588	2.4547	0.3788	7.313	7.700	5.7179	0.0254	34.555	0.955	98.225	16.618	607.350	2.173	0.000
07/10/2018	07:00:00	11.636	2.5606	0.6632	7.608	8.270	5.6337	0.0301	59.339	0.836	97.608	16.508	607.350	2.085	0.000
07/10/2018	08:00:00	10.279	2.3646	0.9257	9.243	10.168	5.7158	0.0402	282.110	0.481	97.079	16.444	607.490	4.390	0.000
07/10/2018	09:00:00	7.006	2.7490	3.5096	12.339	15.824	5.8918	0.0376	226.660	0.254	98.616	16.696	607.840	39.135	0.000
07/10/2018	10:00:00	13.504	2.5675	4.7125	10.136	14.846	6.2080	0.0443	88.727	1.315	82.181	18.514	608.150	309.320	0.000
07/10/2018	11:00:00	19.569	2.6418	4.6700	8.707	13.378	7.9577	0.0271	97.031	1.719	69.914	20.090	608.270	504.160	0.000
07/10/2018	12:00:00	26.364	2.4496	3.1006	7.008	10.122	7.2985	0.0429	103.150	2.081	62.571	21.220	608.250	605.610	0.000
07/10/2018	13:00:00	28.662	2.9009	2.1201	7.435	9.557	7.0246	0.0369	117.150	1.789	59.532	21.766	607.990	536.830	0.000
07/10/2018	14:00:00	33.271	2.6323	1.8003	6.710	8.537	7.3350	0.0388	124.170	1.918	55.281	22.958	607.400	565.030	0.000
07/10/2018	15:00:00	27.402	2.9479	1.5094	7.728	9.205	6.5188	0.0412	188.150	1.765	65.249	21.271	606.970	156.540	0.000
07/10/2018	16:00:00	27.394	2.3328	2.1405	10.625	12.774	7.3934	0.0395	112.800	2.097	68.340	20.528	606.480	162.560	0.100
07/10/2018	17:00:00	25.738	2.5644	1.8934	10.825	12.735	7.2290	0.0253	115.940	2.084	75.885	20.123	606.160	169.970	0.100
07/10/2018	18:00:00	24.550	2.2556	1.8370	8.395	10.227	6.4106	0.0413	105.190	2.371	79.947	19.867	605.940	131.630	0.000
07/10/2018	19:00:00	24.033	2.1949	1.5867	11.221	12.810	6.1181	0.0182	77.746	1.483	67.300	20.839	605.720	118.240	0.000
07/10/2018	20:00:00	15.890	2.3598	2.1402	16.421	18.559	6.4150	0.0187	72.459	2.103	71.334	19.727	606.070	6.847	0.100
07/10/2018	21:00:00	15.469	2.3970	1.4425	12.122	13.561	6.2226	0.0228	63.077	1.878	78.767	18.536	606.540	2.347	0.000
07/10/2018	22:00:00	5.741	2.8926	4.8536	22.558	27.379	7.3079	0.0313	64.215	0.927	85.427	17.974	607.010	2.281	0.000
07/10/2018	23:00:00	3.150	2.9609	7.4147	24.939	32.382	8.0150	0.0364	87.641	1.483	91.787	18.086	607.300	2.188	0.000

PROMEDIO 24 HORAS	17.696	2.34617	2.1302	10.303	12.432	6.72	0.0304
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	08/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
08/10/2018	00:00:00	10.287	2.5384	1.6005	16.051	17.694	6.1871	0.0421	158.660	1.457	91.864	17.899	607.290	2.184	0.000
08/10/2018	01:00:00	CAL	2.6260	0.5751	12.383	12.950	6.1191	0.0281	138.570	0.909	90.594	17.687	607.350	2.272	0.000
08/10/2018	02:00:00	19.842	2.0608	0.4585	7.283	7.768	5.7933	0.0238	137.320	1.593	93.235	17.280	607.170	2.205	1.500
08/10/2018	03:00:00	3.119	1.4474	4.0216	16.928	21.009	5.1192	0.0257	224.390	0.553	100.000	16.327	607.080	2.267	0.400
08/10/2018	04:00:00	6.286	1.7509	1.7503	14.315	16.097	5.0174	0.0392	245.560	0.386	100.000	16.202	606.710	1.829	0.900
08/10/2018	05:00:00	7.499	1.3290	0.5829	14.562	15.171	4.7891	0.0267	119.990	0.718	100.000	16.643	606.390	2.238	0.000
08/10/2018	06:00:00	6.630	1.3358	1.2260	13.680	14.916	4.9691	0.0233	175.150	0.515	100.000	16.797	606.430	2.216	0.300
08/10/2018	07:00:00	13.941	1.6715	0.7591	9.826	10.588	4.8793	0.0207	222.750	0.815	100.000	16.705	606.530	2.284	0.200
08/10/2018	08:00:00	4.807	1.9047	10.5780	21.928	32.473	5.1060	0.0097	189.400	0.754	100.000	16.829	606.560	6.156	0.000
08/10/2018	09:00:00	3.009	2.2871	43.7760	23.322	67.272	5.9773	0.0103	124.680	1.368	100.000	17.022	606.760	124.280	0.000
08/10/2018	10:00:00	9.428	1.9728	20.5040	19.949	40.445	7.2924	0.0414	142.180	1.498	95.304	18.625	606.880	371.570	0.000
08/10/2018	11:00:00	17.418	1.6991	11.4460	16.280	27.726	7.0666	0.0347	105.360	1.294	74.916	20.476	607.070	539.810	0.000
08/10/2018	12:00:00	26.212	1.6052	3.0425	6.951	9.967	6.2888	0.0422	209.190	2.037	60.098	21.932	607.040	745.540	0.000
08/10/2018	13:00:00	29.451	1.9139	1.0716	4.058	5.129	5.2653	0.0219	237.870	2.472	51.001	23.404	606.710	886.500	0.000
08/10/2018	14:00:00	30.360	1.8416	1.0934	4.121	5.216	5.2073	0.0201	243.500	3.198	46.046	24.421	605.900	884.360	0.000
08/10/2018	15:00:00	29.325	1.9951	0.9807	3.972	4.979	5.0266	0.0154	252.050	2.872	48.582	24.183	605.190	560.820	0.000
08/10/2018	16:00:00	25.756	2.1304	4.7423	12.598	17.305	5.7499	0.0118	122.110	3.862	53.556	23.008	604.760	470.670	0.000
08/10/2018	17:00:00	29.058	1.7743	2.8215	7.289	10.083	6.2788	0.0314	179.980	1.943	44.596	25.112	604.340	557.840	0.000
08/10/2018	18:00:00	28.224	1.8069	2.4044	8.686	11.088	5.4786	0.0234	177.360	2.190	43.934	24.991	604.070	298.550	0.000
08/10/2018	19:00:00	24.103	1.8751	3.3729	13.304	16.651	5.5717	0.0295	92.283	2.895	49.396	24.169	604.120	205.080	0.000
08/10/2018	20:00:00	17.705	2.0777	1.6802	20.316	21.926	5.5592	0.0339	98.641	1.401	51.476	22.946	604.380	12.944	0.000
08/10/2018	21:00:00	3.752	2.6657	8.8903	35.733	44.609	5.6909	0.0396	134.750	1.422	55.985	22.397	604.740	2.195	0.000
08/10/2018	22:00:00	2.868	2.4492	7.4742	34.907	42.380	5.9234	0.0569	143.520	0.995	59.970	21.569	605.240	2.330	0.000
08/10/2018	23:00:00	3.177	2.5318	33.1850	32.256	65.483	5.9254	0.0569	168.200	0.332	62.083	20.473	605.650	2.250	0.000

PROMEDIO 24 HORAS	15.316	1.97043	7.0015	15.446	22.455	5.68	0.0295
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	09/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
09/10/2018	00:00:00	7.012	2.5473	12.9660	27.308	40.320	6.4230	0.0666	89.122	1.163	65.895	19.426	605.860	2.242	0.000
09/10/2018	01:00:00	20.940	1.9209	0.3780	10.218	10.625	5.5610	0.0340	158.450	1.157	67.012	19.414	605.910	2.201	0.000
09/10/2018	02:00:00	12.973	CAL	CAL	CAL	CAL	5.4938	0.0122	43.938	0.134	69.721	18.546	605.820	2.263	0.000
09/10/2018	03:00:00	9.038	CAL	1.5967	18.561	20.165	5.5855	0.0313	221.790	0.207	73.631	17.914	605.750	2.163	0.000
09/10/2018	04:00:00	8.218	0.6462	1.0230	16.390	17.447	CAL	0.0221	301.070	0.968	76.877	17.224	605.510	2.170	0.000
09/10/2018	05:00:00	18.512	0.4892	0.6809	5.275	5.955	5.9128	0.0268	228.190	2.433	72.447	17.724	605.310	2.094	0.000
09/10/2018	06:00:00	18.949	0.4100	0.5964	5.064	5.681	5.4408	0.0145	231.800	2.558	74.160	17.324	605.260	2.246	0.000
09/10/2018	07:00:00	15.023	0.3679	1.1149	9.076	10.190	5.4274	0.0074	244.690	1.778	76.981	16.933	605.370	2.147	0.000
09/10/2018	08:00:00	10.492	0.6897	4.1948	14.148	18.313	5.6169	0.0078	239.310	2.819	79.549	16.449	605.730	12.403	0.000
09/10/2018	09:00:00	13.315	0.9046	5.5036	10.538	16.025	5.8029	0.0277	240.600	3.320	76.538	16.947	605.900	178.480	0.000
09/10/2018	10:00:00	18.447	0.6024	4.0034	7.013	11.027	5.3686	0.0210	228.920	3.321	68.280	18.519	606.110	400.000	0.000
09/10/2018	11:00:00	22.029	0.7783	3.1238	5.826	8.948	5.3836	0.0206	223.360	3.189	58.778	20.575	606.180	599.890	0.000
09/10/2018	12:00:00	25.863	0.9448	2.3029	4.719	7.026	5.3941	0.0302	219.530	3.522	50.259	22.251	606.070	761.240	0.000
09/10/2018	13:00:00	27.648	0.8857	1.7794	4.241	6.015	5.4472	0.0226	230.970	4.261	41.344	23.837	605.830	865.850	0.000
09/10/2018	14:00:00	27.531	0.8505	2.1812	5.164	7.349	5.4689	0.0256	229.690	4.181	34.019	25.446	605.280	897.250	0.000
09/10/2018	15:00:00	28.223	1.1938	2.1934	5.128	7.309	5.6323	0.0233	222.740	3.649	30.397	26.615	604.520	857.160	0.000
09/10/2018	16:00:00	28.875	0.9208	1.6475	3.961	5.606	5.4337	0.0174	238.190	3.262	28.409	27.272	604.050	755.500	0.000
09/10/2018	17:00:00	28.726	1.1199	1.5720	4.570	6.146	5.4751	0.0154	224.300	3.009	26.286	27.818	603.800	593.070	0.000
09/10/2018	18:00:00	29.281	1.0465	1.5306	4.764	6.303	5.3620	0.0127	229.910	2.923	25.085	27.727	603.700	382.690	0.000
09/10/2018	19:00:00	28.917	1.1939	1.6588	7.694	9.351	5.3070	0.0106	231.800	3.016	25.167	27.058	603.870	156.100	0.000
09/10/2018	20:00:00	23.504	1.4160	1.5998	12.782	14.441	5.6074	0.0087	256.410	2.487	28.730	25.358	604.230	9.652	0.000
09/10/2018	21:00:00	20.640	1.2003	1.9612	13.945	15.869	6.6746	0.0076	248.740	2.916	33.412	23.845	604.690	2.209	0.000
09/10/2018	22:00:00	20.049	1.1881	2.1734	12.870	15.043	5.3292	0.0166	234.550	2.781	35.600	22.825	605.160	2.170	0.000
09/10/2018	23:00:00	23.021	1.3350	1.4713	8.529	10.052	5.3036	0.0093	230.850	3.574	38.716	21.871	605.650	2.162	0.000

PROMEDIO 24 HORAS	20.301	1.02962	2.4893	9.469	11.965	5.58	0.0205
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	10/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
10/10/2018	00:00:00	25.569	1.2802	0.7789	5.431	6.213	5.4058	0.0110	232.850	4.164	37.874	20.905	605.880	2.090	0.000
10/10/2018	01:00:00	CAL	1.2613	0.3170	4.544	4.858	5.2564	0.0134	205.960	2.415	42.353	19.714	606.210	2.162	0.000
10/10/2018	02:00:00	25.091	0.0000	0.3158	3.697	4.016	5.6302	0.0092	204.510	1.797	42.674	19.466	606.330	2.196	0.000
10/10/2018	03:00:00	25.384	0.0000	0.2070	3.210	3.418	6.2238	0.0039	229.510	2.343	43.452	18.968	606.320	2.220	0.000
10/10/2018	04:00:00	24.823	0.0000	0.2322	3.226	3.454	6.2189	0.0045	221.910	2.931	44.834	18.053	606.230	2.113	0.000
10/10/2018	05:00:00	24.601	0.0000	0.1531	3.589	3.741	6.1915	0.0107	255.530	2.502	45.042	17.589	606.240	2.154	0.000
10/10/2018	06:00:00	16.423	0.0000	1.0224	12.136	13.149	6.6321	0.0132	219.140	1.668	50.493	16.765	606.550	2.152	0.000
10/10/2018	07:00:00	8.633	0.0000	6.3282	19.263	25.617	7.1869	0.0192	229.770	0.859	53.133	15.996	607.050	2.222	0.000
10/10/2018	08:00:00	6.512	0.0000	6.3460	23.752	30.109	6.8758	0.0256	242.760	0.609	54.215	15.559	607.340	12.182	0.000
10/10/2018	09:00:00	6.611	0.0000	20.3160	23.274	43.574	7.0164	0.0308	178.980	0.661	53.353	16.468	607.690	181.600	0.000
10/10/2018	10:00:00	12.625	0.1745	28.1220	24.743	52.655	7.3113	0.0696	119.010	0.925	48.767	18.646	607.980	393.300	0.000
10/10/2018	11:00:00	16.274	0.0000	23.5800	26.274	50.069	9.3331	0.1236	126.990	1.403	45.395	20.759	608.140	591.380	0.000
10/10/2018	12:00:00	27.430	0.0000	10.9500	22.473	33.356	10.7720	0.0973	126.350	1.890	41.199	22.462	608.150	746.270	0.000
10/10/2018	13:00:00	36.161	0.0000	4.6652	12.642	17.296	10.7390	0.0808	143.110	1.826	39.446	23.833	608.030	846.650	0.000
10/10/2018	14:00:00	41.876	0.0000	2.4186	9.047	11.463	8.4200	0.0696	156.340	1.510	36.352	25.025	607.440	882.590	0.000
10/10/2018	15:00:00	48.061	0.0000	1.6119	8.358	9.964	8.0186	0.0554	111.710	1.972	34.565	26.041	606.720	840.360	0.000
10/10/2018	16:00:00	49.393	0.0000	0.9680	6.773	7.719	8.6155	0.0399	169.920	2.263	33.856	26.813	606.250	769.630	0.000
10/10/2018	17:00:00	44.024	0.0000	0.9371	5.725	6.657	10.1380	0.0357	148.480	1.902	32.664	27.361	605.850	579.370	0.000
10/10/2018	18:00:00	42.800	0.0000	0.6578	5.953	6.608	11.3140	0.0294	91.090	1.928	31.125	27.472	605.520	356.460	0.000
10/10/2018	19:00:00	37.514	0.0000	0.9779	6.843	7.841	9.1510	0.0300	59.896	2.642	38.370	26.297	605.630	116.160	0.000
10/10/2018	20:00:00	29.244	0.0000	0.7475	7.931	8.687	7.0875	0.0366	74.453	3.294	52.944	23.963	606.200	4.907	0.000
10/10/2018	21:00:00	24.205	0.0000	0.5592	12.217	12.709	6.7566	0.0326	124.150	3.268	59.878	22.849	606.720	2.324	0.000
10/10/2018	22:00:00	29.282	0.0000	0.8453	7.732	8.570	7.4036	0.0359	216.220	3.378	58.170	20.853	607.610	2.204	0.000
10/10/2018	23:00:00	25.399	0.0000	0.3742	8.461	8.832	7.0694	0.0165	109.730	2.713	68.667	20.968	607.920	2.245	0.000

PROMEDIO 24 HORAS	27.302	0.11317	4.7263	11.137	15.857	7.70	0.0373
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	11/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
11/10/2018	00:00:00	24.434	0.0000	0.1886	5.455	5.652	6.5295	0.0498	85.771	3.857	79.665	20.358	608.270	2.233	0.000
11/10/2018	01:00:00	26.233	0.0000	0.0000	5.504	5.476	7.1863	0.0339	85.028	3.193	80.973	19.930	608.460	2.169	0.000
11/10/2018	02:00:00	27.297	CAL	CAL	CAL	CAL	7.6221	0.0330	94.860	3.163	79.933	19.535	608.600	2.106	0.000
11/10/2018	03:00:00	24.254	CAL	0.2335	5.046	5.277	7.7089	0.0289	93.343	1.782	82.129	19.045	608.660	2.103	0.000
11/10/2018	04:00:00	24.821	1.5276	0.1627	5.277	5.426	CAL	0.0311	93.697	2.491	81.110	18.922	608.660	2.123	0.000
11/10/2018	05:00:00	26.216	1.1586	0.1329	2.985	3.115	6.8348	0.0212	84.569	2.455	98.350	17.247	608.630	2.250	0.000
11/10/2018	06:00:00	21.125	1.3308	0.2659	6.661	6.912	7.8573	0.0203	82.518	1.449	99.806	16.883	608.680	2.198	0.000
11/10/2018	07:00:00	4.687	1.5456	1.9583	20.305	22.278	7.4353	0.0200	74.851	1.230	97.486	16.687	608.840	2.152	0.000
11/10/2018	08:00:00	7.823	1.7095	4.5086	25.547	30.028	7.6185	0.0407	128.950	1.522	92.832	16.957	609.060	6.966	0.000
11/10/2018	09:00:00	4.162	2.5408	27.0600	30.311	57.288	7.3370	0.0517	72.324	0.825	89.915	17.447	609.410	81.176	0.000
11/10/2018	10:00:00	8.930	2.2096	19.3950	25.903	45.280	7.4615	0.1015	121.370	0.518	79.890	18.659	609.770	228.640	0.000
11/10/2018	11:00:00	24.999	1.8418	5.1281	11.694	16.895	6.9754	0.1149	116.340	1.623	60.550	20.997	609.870	595.170	0.000
11/10/2018	12:00:00	30.302	1.8743	3.5673	10.355	13.961	6.7806	0.0718	108.660	2.092	56.573	21.968	609.940	534.350	0.000
11/10/2018	13:00:00	33.299	1.8126	1.6320	5.387	7.015	6.5336	0.0574	85.534	2.412	53.044	23.036	609.690	654.870	0.000
11/10/2018	14:00:00	32.569	1.8231	1.2749	4.509	5.782	6.6357	0.0379	93.863	1.780	52.105	23.875	609.050	710.570	0.000
11/10/2018	15:00:00	37.785	1.7330	1.1983	6.166	7.368	6.3522	0.0303	132.120	1.680	48.539	24.441	608.240	413.070	0.000
11/10/2018	16:00:00	34.613	1.4587	1.2604	7.088	8.355	6.5074	0.0426	77.952	1.869	48.596	24.828	607.630	299.430	0.000
11/10/2018	17:00:00	31.821	1.4191	1.2447	6.853	8.103	6.5738	0.0312	73.125	2.340	50.224	24.619	607.320	180.960	0.000
11/10/2018	18:00:00	27.082	1.2498	1.5178	6.447	7.970	6.4890	0.0371	86.976	4.145	53.194	24.242	607.200	225.020	0.000
11/10/2018	19:00:00	25.563	1.3128	1.2783	6.656	7.938	6.3010	0.0373	81.629	4.119	53.219	23.278	607.390	71.342	0.000
11/10/2018	20:00:00	22.180	1.5150	1.0503	10.015	11.052	6.5101	0.0317	96.633	3.881	59.649	21.930	607.710	6.771	0.000
11/10/2018	21:00:00	20.952	1.4225	0.9588	10.896	11.837	6.5246	0.0231	97.183	3.630	62.449	20.877	608.240	2.209	0.000
11/10/2018	22:00:00	19.754	1.6189	0.6265	11.170	11.800	6.0618	0.0262	95.822	3.535	71.020	20.071	608.760	2.246	0.000
11/10/2018	23:00:00	17.144	1.4231	0.5736	11.853	12.429	6.9258	0.0300	96.078	2.946	76.173	19.473	609.080	2.119	0.000

PROMEDIO 24 HORAS	23.252	1.47851	3.2703	10.525	13.793	6.90	0.0418
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	12/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
12/10/2018	00:00:00	17.815	1.3626	0.4704	8.742	9.217	6.5740	0.0337	96.335	2.974	89.797	18.745	609.310	2.255	0.000
12/10/2018	01:00:00	CAL	1.3252	0.3017	7.509	7.816	6.4644	0.0253	91.254	2.674	93.018	18.198	609.370	2.167	0.000
12/10/2018	02:00:00	16.158	0.6665	0.2595	9.412	9.700	6.2281	0.0154	94.494	2.001	91.609	17.900	609.390	2.245	0.000
12/10/2018	03:00:00	13.931	0.4996	0.3963	10.535	10.916	6.4722	0.0266	71.794	1.930	95.153	17.096	609.430	2.153	0.000
12/10/2018	04:00:00	16.325	0.3643	0.2025	6.493	6.692	6.5970	0.0239	46.969	1.177	98.759	16.272	609.280	2.158	0.000
12/10/2018	05:00:00	11.360	0.6451	0.4680	8.885	9.354	6.4721	0.0198	295.830	0.621	100.000	15.553	608.930	2.211	0.000
12/10/2018	06:00:00	5.319	0.6413	4.2756	15.887	20.178	6.3102	0.0356	323.930	0.645	100.000	15.436	608.880	2.115	0.000
12/10/2018	07:00:00	1.827	0.9603	19.7840	22.679	42.439	6.4913	0.0345	322.280	0.382	100.000	15.821	609.130	2.170	0.000
12/10/2018	08:00:00	1.496	1.4308	22.5590	21.631	44.180	6.5237	0.0484	311.730	0.473	99.273	16.253	609.360	6.344	0.000
12/10/2018	09:00:00	3.845	1.6617	26.5780	21.305	47.820	6.7776	0.0698	261.580	0.624	96.537	16.970	609.600	111.160	0.000
12/10/2018	10:00:00	10.242	1.2474	16.4030	20.036	36.429	7.0466	0.0875	104.230	0.691	87.182	18.300	609.790	282.930	0.000
12/10/2018	11:00:00	19.044	0.8948	9.4593	14.434	23.919	8.1320	0.0941	77.523	1.916	67.527	20.774	609.990	580.570	0.000
12/10/2018	12:00:00	27.620	0.8708	3.0983	7.449	10.510	7.6340	0.0659	109.630	2.114	60.889	21.677	609.780	692.030	0.000
12/10/2018	13:00:00	33.380	1.1005	1.9967	6.312	8.311	6.5331	0.0385	86.181	2.041	55.654	22.943	609.430	820.900	0.000
12/10/2018	14:00:00	35.606	0.8573	1.3286	5.594	6.921	6.3227	0.0349	139.990	1.587	49.574	24.410	608.540	851.830	0.000
12/10/2018	15:00:00	38.577	0.7271	1.0763	4.940	6.019	6.5937	0.0352	130.450	1.505	43.824	25.831	607.770	827.330	0.000
12/10/2018	16:00:00	35.833	0.8278	0.7534	3.983	4.735	6.1417	0.0400	90.289	2.110	43.624	26.418	607.060	746.230	0.000
12/10/2018	17:00:00	28.693	0.5682	1.4958	4.640	6.132	6.2746	0.0333	93.136	2.697	46.923	26.043	606.610	357.020	0.000
12/10/2018	18:00:00	23.532	0.5784	1.3119	5.972	7.321	6.2684	0.0454	85.040	3.279	53.703	24.726	606.590	114.800	0.000
12/10/2018	19:00:00	16.687	0.5403	2.0124	14.690	16.693	6.2152	0.0244	113.430	3.324	59.174	23.504	606.740	56.314	0.000
12/10/2018	20:00:00	10.568	0.3495	2.5243	19.526	22.070	6.7080	0.0377	102.060	2.721	63.172	22.442	606.990	6.110	0.000
12/10/2018	21:00:00	7.340	0.6210	3.8812	20.241	24.147	7.7553	0.0465	65.752	1.622	67.335	21.467	607.440	2.324	0.000
12/10/2018	22:00:00	7.422	0.5685	3.4321	20.048	23.488	7.1993	0.0582	58.431	1.201	67.341	20.808	607.840	2.320	0.000
12/10/2018	23:00:00	4.795	0.7394	4.6332	24.115	28.746	7.4996	0.0597	76.746	1.201	67.707	20.412	608.050	2.184	0.000

PROMEDIO 24 HORAS	16.844	0.83535	5.3626	12.711	18.073	6.72	0.0431
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	13/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
13/10/2018	00:00:00	5.809	0.6210	3.3651	22.633	25.989	6.7655	0.0594	99.066	1.173	66.048	20.339	608.200	2.239	0.000
13/10/2018	01:00:00	2.016	0.7446	8.9385	25.937	34.940	6.7432	0.0379	184.690	0.313	69.864	19.887	608.170	2.229	0.000
13/10/2018	02:00:00	1.143	CAL	CAL	CAL	CAL	6.4129	0.0637	100.080	0.318	79.671	18.780	607.960	2.252	0.000
13/10/2018	03:00:00	1.173	CAL	12.9660	23.934	36.868	5.4318	0.0624	76.401	0.354	87.930	18.059	607.850	2.248	0.000
13/10/2018	04:00:00	1.625	0.0086	4.9997	21.264	26.276	CAL	0.0902	77.642	0.407	93.669	17.207	607.720	2.204	0.000
13/10/2018	05:00:00	1.322	0.0000	8.6464	19.419	28.103	5.3592	0.0997	179.390	0.403	96.875	16.607	607.700	2.213	0.000
13/10/2018	06:00:00	0.418	0.0000	6.7897	18.457	25.200	5.3349	0.0774	54.515	0.392	100.000	15.609	607.740	2.150	0.000
13/10/2018	07:00:00	0.632	0.0000	14.1580	16.005	30.187	5.0568	0.0596	319.270	0.584	100.000	14.702	607.870	2.323	0.000
13/10/2018	08:00:00	1.328	0.2127	52.2590	15.427	67.641	5.7122	0.0541	105.900	0.477	100.000	14.732	607.800	8.396	0.000
13/10/2018	09:00:00	2.363	0.3608	35.9750	15.288	51.212	5.6471	0.0860	118.420	0.681	100.000	15.268	608.160	139.540	0.000
13/10/2018	10:00:00	5.500	0.1136	22.1890	15.876	38.104	5.5760	0.1236	60.003	0.645	97.304	16.913	608.570	323.880	0.000
13/10/2018	11:00:00	13.465	0.0000	16.1760	18.105	34.284	5.9129	0.1481	99.686	0.675	78.416	19.459	608.590	527.520	0.000
13/10/2018	12:00:00	25.912	0.0000	8.7640	17.301	26.036	6.0580	0.1243	134.050	1.084	66.794	21.512	608.430	677.290	0.000
13/10/2018	13:00:00	39.327	0.0000	3.9886	13.038	17.034	6.5750	0.1167	117.890	1.138	56.770	23.807	607.870	778.920	0.000
13/10/2018	14:00:00	53.273	0.0000	1.9682	11.206	13.168	6.5468	0.1191	126.530	1.252	50.820	25.340	607.200	827.990	0.000
13/10/2018	15:00:00	56.712	0.0000	0.9999	8.441	9.440	6.4765	0.0927	121.470	1.790	43.249	26.748	606.480	805.730	0.000
13/10/2018	16:00:00	49.948	0.0000	0.8306	6.690	7.525	5.9342	0.0660	140.540	1.891	37.138	27.575	605.810	684.130	0.000
13/10/2018	17:00:00	45.760	0.0000	0.8436	6.779	7.624	5.7958	0.0450	116.260	2.354	39.072	27.786	605.270	432.090	0.000
13/10/2018	18:00:00	30.180	0.0000	1.3830	6.042	7.422	5.2318	0.0322	70.674	3.055	44.424	26.936	605.210	249.860	0.000
13/10/2018	19:00:00	25.871	0.0000	1.1167	7.527	8.639	4.9877	0.0209	61.009	2.994	45.429	25.645	605.460	38.340	0.000
13/10/2018	20:00:00	22.276	0.0000	1.6471	9.506	11.156	4.8768	0.0229	80.348	2.722	52.638	24.064	605.940	3.242	0.000
13/10/2018	21:00:00	BIT	0.0000	0.7914	12.939	13.727	5.1613	0.0261	107.660	2.439	57.912	23.223	606.370	2.196	0.000
13/10/2018	22:00:00	BIT	0.0000	1.0610	15.207	16.258	5.0465	0.0275	104.320	2.664	62.229	22.636	606.600	2.220	0.000
13/10/2018	23:00:00	BIT	0.0000	0.8888	13.075	13.966	5.1714	0.0353	106.990	2.620	63.013	22.162	606.790	2.290	0.000

PROMEDIO 24 HORAS	18.384	0.09369	9.1628	14.787	23.948	5.73	0.0705
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	14/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
14/10/2018	00:00:00	BIT	0.0000	1.0940	18.038	19.127	5.2633	0.0276	103.000	1.485	61.398	21.764	606.870	2.130	0.000
14/10/2018	01:00:00	BIT	0.0000	5.3555	23.060	28.461	6.3874	0.0306	84.218	0.960	63.790	20.941	606.900	2.187	0.000
14/10/2018	02:00:00	BIT	1.5033	12.0140	25.061	37.077	6.4139	0.0425	114.250	1.175	69.925	20.349	606.900	2.220	0.000
14/10/2018	03:00:00	BIT	1.4673	15.7860	24.105	39.855	7.1812	0.0747	88.958	0.375	74.308	19.531	606.890	2.174	0.000
14/10/2018	04:00:00	BIT	1.6320	3.9293	17.914	21.819	7.2752	0.0631	206.680	0.965	85.451	17.999	606.900	2.160	0.000
14/10/2018	05:00:00	BIT	1.1499	0.9725	8.575	9.550	6.8006	0.0609	126.920	0.047	100.000	17.004	606.940	2.204	0.000
14/10/2018	06:00:00	BIT	1.3072	0.8378	8.316	9.152	6.7792	0.0410	301.060	0.847	100.000	16.324	607.030	2.156	0.000
14/10/2018	07:00:00	BIT	1.1118	0.9511	9.311	10.273	6.6176	0.0206	297.050	0.432	100.000	16.064	607.220	2.259	0.000
14/10/2018	08:00:00	BIT	1.3711	9.2520	13.579	22.853	6.7750	0.0253	303.420	0.554	100.000	16.568	607.390	10.374	0.000
14/10/2018	09:00:00	BIT	1.8574	16.4460	14.535	30.982	6.8542	0.0368	177.760	0.250	100.000	17.128	607.720	132.390	0.000
14/10/2018	10:00:00	BIT	1.6596	10.1720	15.931	26.121	6.9393	0.0592	131.490	0.523	93.209	18.645	608.100	243.340	0.000
14/10/2018	11:00:00	BIT	1.6852	3.3352	7.093	10.476	6.9038	0.0548	126.410	0.998	70.275	21.161	608.180	556.140	0.000
14/10/2018	12:00:00	BIT	1.6560	2.2050	8.029	10.230	7.4465	0.0372	172.730	0.837	58.747	23.013	607.950	719.060	0.000
14/10/2018	13:00:00	BIT	1.8935	1.1689	7.012	8.183	10.0440	0.0365	187.680	0.805	48.914	24.821	607.510	809.890	0.000
14/10/2018	14:00:00	BIT	1.8001	0.5593	6.285	6.843	9.2604	0.0412	157.750	1.293	38.436	26.483	606.930	843.460	0.000
14/10/2018	15:00:00	BIT	1.8514	0.6623	6.520	7.186	7.9420	0.0362	151.800	1.503	33.128	27.642	606.150	796.590	0.000
14/10/2018	16:00:00	BIT	2.0906	0.7940	6.064	6.850	8.3070	0.0361	82.447	2.313	31.361	28.391	605.490	708.060	0.000
14/10/2018	17:00:00	BIT	1.8381	0.5467	4.426	4.970	7.1849	0.0278	93.863	1.842	32.555	28.276	605.050	379.060	0.000
14/10/2018	18:00:00	BIT	1.8469	1.1562	6.858	8.000	7.1029	0.0277	60.557	2.280	38.214	27.002	605.130	85.289	0.000
14/10/2018	19:00:00	BIT	1.5373	0.8330	6.831	7.658	7.1524	0.0331	79.229	2.611	46.172	25.670	605.380	51.370	0.000
14/10/2018	20:00:00	BIT	1.8145	0.7549	8.915	9.684	6.9227	0.0281	90.808	2.427	55.824	24.366	605.920	3.709	0.000
14/10/2018	21:00:00	BIT	1.5669	0.6798	10.887	11.574	7.0715	0.0298	118.950	2.992	56.652	23.380	606.600	2.315	0.000
14/10/2018	22:00:00	BIT	1.4562	0.7731	13.252	14.017	6.8999	0.0307	128.340	2.426	56.020	23.349	606.960	2.205	0.000
14/10/2018	23:00:00	BIT	1.7457	0.5320	9.557	10.080	7.0845	0.0363	137.410	2.551	50.449	23.171	607.250	2.214	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	1.49342	3.7838	11.673	15.459	7.19	0.0391
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	15/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS							
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia	
15/10/2018	00:00:00	BIT	1.4354	0.3072	5.575	5.883	6.8664	0.0243	139.620	2.800	64.769	22.250	607.390	2.156	0.000	
15/10/2018	01:00:00	BIT	1.5956	0.1520	8.559	8.730	7.4587	0.0418	87.591	2.170	70.030	21.207	607.320	2.075	0.000	
15/10/2018	02:00:00	BIT	CAL	CAL	CAL	CAL	7.9639	0.0334	154.180	0.854	79.120	19.801	607.210	2.114	0.000	
15/10/2018	03:00:00	BIT	CAL	0.3704	7.282	7.646	7.1863	0.0353	256.090	1.511	98.342	18.616	607.520	2.194	0.000	
15/10/2018	04:00:00	BIT	0.0993	0.3033	6.345	6.652	CAL	0.0323	287.320	1.104	100.000	18.710	607.610	2.333	0.000	
15/10/2018	05:00:00	BIT	0.0000	0.3776	6.399	6.778	6.9750	0.0319	306.920	1.149	100.000	18.153	607.410	2.230	0.000	
15/10/2018	06:00:00	BIT	0.0000	0.7133	6.858	7.571	7.1262	0.0219	312.510	1.063	100.000	17.743	607.420	2.245	0.000	
15/10/2018	07:00:00	BIT	0.0000	3.9320	14.899	18.796	6.8762	0.0163	208.270	0.930	100.000	17.695	607.600	2.251	0.000	
15/10/2018	08:00:00	BIT	0.1137	12.9180	16.974	29.853	7.2325	0.0301	187.510	1.015	100.000	17.414	607.920	5.485	0.000	
15/10/2018	09:00:00	BIT	0.1301	17.2880	17.574	34.766	7.0042	0.0539	77.567	0.113	99.911	17.844	608.130	132.550	0.000	
15/10/2018	10:00:00	BIT	0.3070	20.1240	21.100	41.436	7.6428	0.0586	103.500	1.172	80.264	20.030	608.290	338.420	0.000	
15/10/2018	11:00:00	BIT	0.1691	8.3420	16.444	24.798	8.7984	0.0657	121.350	1.763	64.996	21.565	608.510	421.120	0.000	
15/10/2018	12:00:00	BIT	0.3575	5.2474	12.788	18.042	8.6975	0.0610	95.593	1.808	59.558	22.932	608.540	616.820	0.000	
15/10/2018	13:00:00	BIT	0.0537	3.3185	8.361	11.683	7.8906	0.0635	101.610	2.606	51.672	24.540	607.870	801.880	0.000	
15/10/2018	14:00:00	BIT	0.2072	3.4333	9.023	12.430	7.9863	0.0528	80.497	3.332	49.866	25.598	607.380	824.360	0.000	
15/10/2018	15:00:00		31.677	0.5077	2.6176	6.661	9.248	7.4909	0.0707	84.606	4.091	50.340	25.894	606.720	777.920	0.000
15/10/2018	16:00:00		26.661	0.0000	1.8852	4.634	6.515	7.2649	0.0445	77.115	4.838	54.459	25.346	606.140	651.170	0.000
15/10/2018	17:00:00		24.170	0.0000	2.4063	5.671	8.104	7.2151	0.0289	77.943	4.350	52.593	25.168	605.610	349.390	0.000
15/10/2018	18:00:00		23.300	0.0000	2.0774	6.493	8.559	7.1306	0.0454	83.914	4.832	55.134	24.449	605.630	219.850	0.000
15/10/2018	19:00:00		20.794	0.0000	1.6951	7.701	9.402	6.9611	0.0351	88.840	5.323	62.201	22.879	605.940	46.216	0.000
15/10/2018	20:00:00		18.284	0.0000	1.2397	9.567	10.818	6.9314	0.0331	95.646	4.419	67.314	21.508	606.500	5.348	0.000
15/10/2018	21:00:00		16.945	0.0000	1.1679	10.729	11.917	6.9054	0.0239	91.673	3.841	75.853	20.820	607.270	2.235	0.000
15/10/2018	22:00:00		17.477	0.0576	0.8803	9.778	10.646	7.3872	0.0328	90.137	4.307	75.336	20.440	607.810	2.296	0.000
15/10/2018	23:00:00		17.684	0.0000	0.6016	7.711	8.306	6.8408	0.0298	91.334	4.256	79.811	19.782	608.320	2.293	0.000

PROMEDIO 24 HORAS	21.888	0.22881	3.9738	9.875	13.851	7.38	0.0403
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	16/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
16/10/2018	00:00:00	16.366	0.0000	0.5942	6.328	6.919	6.9943	0.0244	85.893	3.580	77.256	19.723	608.620	2.190	0.000
16/10/2018	01:00:00	CAL	0.0712	0.2986	4.785	5.082	6.8430	0.0226	79.178	3.592	72.544	18.958	608.850	2.149	0.000
16/10/2018	02:00:00	20.040	0.1776	0.1124	3.846	3.959	6.6305	0.0020	95.634	2.118	77.785	18.515	608.830	2.141	0.000
16/10/2018	03:00:00	18.618	0.5349	0.0587	4.760	4.804	6.4341	0.0297	124.610	1.612	92.207	18.228	608.670	2.248	0.000
16/10/2018	04:00:00	14.906	0.2109	0.2428	8.375	8.589	7.4753	0.0101	83.682	1.335	88.413	18.345	608.580	2.169	0.000
16/10/2018	05:00:00	14.401	0.2534	0.2836	6.204	6.491	7.4609	0.0172	98.823	0.633	93.109	18.038	608.320	2.220	0.000
16/10/2018	06:00:00	9.799	0.0981	0.5512	10.808	11.392	7.7176	0.0277	70.865	1.161	96.377	17.765	608.220	2.246	0.000
16/10/2018	07:00:00	6.061	0.2605	2.0484	13.343	15.396	7.8081	0.0355	54.395	1.607	96.115	17.569	608.360	2.209	0.000
16/10/2018	08:00:00	8.686	0.0961	2.6560	9.581	12.228	7.1253	0.0312	75.108	2.818	100.000	17.001	608.570	5.528	0.000
16/10/2018	09:00:00	6.832	0.6613	4.2218	9.278	13.492	7.0940	0.0297	74.585	2.768	99.281	17.334	608.700	48.723	0.000
16/10/2018	10:00:00	7.582	0.0943	4.1437	8.005	12.148	7.0132	0.0269	77.765	2.860	98.118	17.623	609.010	48.714	0.000
16/10/2018	11:00:00	AE	0.5742	7.4280	11.322	18.787	7.1169	0.0276	104.060	2.318	92.492	18.392	609.310	127.820	0.000
16/10/2018	12:00:00	AE	0.4746	5.8678	9.326	15.196	6.9984	0.0313	95.675	2.037	85.310	18.894	609.290	116.700	0.000
16/10/2018	13:00:00	12.718	0.5276	5.1879	9.450	14.636	7.2264	0.0292	135.750	1.969	74.120	19.973	608.810	294.110	0.000
16/10/2018	14:00:00	18.780	0.4931	3.9564	7.750	11.733	7.1392	0.0422	130.810	1.678	60.238	22.078	608.060	506.900	0.000
16/10/2018	15:00:00	19.278	0.2089	3.1718	6.793	9.965	6.9806	0.0356	91.295	2.294	55.212	23.125	607.410	408.540	0.000
16/10/2018	16:00:00	17.059	0.2602	2.4876	4.637	7.128	7.0023	0.0333	77.286	3.778	57.710	23.138	606.990	532.970	0.000
16/10/2018	17:00:00	14.890	0.2479	2.5952	4.847	7.439	7.1809	0.0234	88.569	4.725	60.627	22.095	606.990	325.630	0.000
16/10/2018	18:00:00	15.481	0.1369	2.1570	3.674	5.833	6.7719	0.0269	81.582	4.873	61.597	21.730	606.930	304.380	0.000
16/10/2018	19:00:00	13.719	0.3308	2.1041	5.048	7.145	6.6009	0.0244	83.039	4.574	68.148	19.881	607.320	32.489	0.000
16/10/2018	20:00:00	12.466	0.5115	1.8262	5.887	7.698	6.5176	0.0130	85.067	4.129	74.931	18.878	607.720	2.831	0.000
16/10/2018	21:00:00	11.330	0.4192	1.8342	7.423	9.256	6.4748	0.0208	89.990	4.473	79.942	18.101	608.460	2.196	0.000
16/10/2018	22:00:00	12.754	0.7237	1.3977	5.353	6.726	6.5287	0.0110	79.929	4.348	86.268	17.501	609.190	2.264	0.000
16/10/2018	23:00:00	12.127	0.3486	0.8783	6.168	7.038	6.6595	0.0191	73.923	3.014	88.465	17.414	609.720	2.196	0.000

PROMEDIO 24 HORAS	13.519	0.32148	2.3377	7.208	9.545	6.99	0.0248
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	17/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
17/10/2018	00:00:00	13.407	0.7483	0.7335	4.961	5.695	6.7080	0.0146	54.118	2.257	87.165	17.222	610.010	2.234	0.000
17/10/2018	01:00:00	12.507	0.4630	0.2154	5.352	5.565	6.6104	0.0104	89.805	3.026	90.443	16.929	610.100	2.115	0.000
17/10/2018	02:00:00	13.633	CAL	CAL	CAL	CAL	6.3334	0.0077	128.200	2.633	96.758	16.578	610.020	2.157	0.000
17/10/2018	03:00:00	10.529	CAL	0.3796	9.024	9.391	6.2311	0.0089	97.010	2.082	99.138	16.549	609.750	2.119	0.000
17/10/2018	04:00:00	10.549	0.0000	0.2901	8.023	8.311	AE	0.0115	48.422	1.115	99.965	16.310	609.580	2.211	0.000
17/10/2018	05:00:00	9.172	0.0000	0.2153	5.725	5.940	6.3711	0.0124	120.480	1.013	100.000	15.846	609.270	2.123	0.000
17/10/2018	06:00:00	6.673	0.0000	1.3181	8.034	9.371	6.4585	0.0131	64.253	1.931	100.000	14.828	609.290	2.086	0.000
17/10/2018	07:00:00	4.283	0.0000	2.6897	9.310	11.998	6.0090	0.0139	205.530	1.313	100.000	14.346	609.540	2.221	0.000
17/10/2018	08:00:00	2.790	0.0000	8.4551	11.077	19.502	6.1884	0.0251	165.940	1.689	100.000	14.258	609.920	4.439	0.000
17/10/2018	09:00:00	4.055	0.0000	9.8116	11.871	21.679	6.2501	0.0423	66.745	2.148	100.000	15.310	610.450	65.804	0.000
17/10/2018	10:00:00	9.115	0.0000	6.3374	7.928	14.294	6.4457	0.0388	78.140	2.528	92.552	16.816	610.780	192.010	0.000
17/10/2018	11:00:00	11.029	0.0000	4.6681	8.115	12.789	6.4777	0.0238	91.666	2.051	81.195	17.822	611.150	211.830	0.000
17/10/2018	12:00:00	15.226	0.0000	3.4115	5.241	8.642	6.7350	0.0316	78.541	2.255	71.864	19.129	611.110	333.870	0.000
17/10/2018	13:00:00	16.997	0.0000	2.5745	5.028	7.588	6.6299	0.0314	77.104	3.943	67.928	19.481	610.780	376.650	0.000
17/10/2018	14:00:00	20.011	0.0000	2.1485	3.912	6.064	6.4102	0.0292	82.647	5.021	64.408	20.231	610.230	673.010	0.000
17/10/2018	15:00:00	19.704	0.0000	2.1183	4.125	6.246	6.2952	0.0318	82.786	4.855	66.321	19.830	609.780	421.470	0.000
17/10/2018	16:00:00	20.407	0.0000	1.6158	3.720	5.336	6.2901	0.0276	76.438	4.297	64.763	20.161	609.370	406.150	0.000
17/10/2018	17:00:00	20.337	0.0000	1.7566	3.796	5.550	6.4584	0.0237	74.251	5.281	66.149	19.833	609.300	363.140	0.000
17/10/2018	18:00:00	16.852	0.0000	1.7320	4.663	6.387	6.3116	0.0278	82.349	4.089	75.359	18.295	609.480	107.780	0.000
17/10/2018	19:00:00	15.719	0.0000	1.9616	6.651	8.615	6.5069	0.0174	85.716	4.433	77.575	17.658	609.770	46.356	0.000
17/10/2018	20:00:00	14.986	0.0000	1.6250	7.192	8.803	6.1875	0.0175	76.294	3.599	85.610	16.853	610.050	6.081	0.000
17/10/2018	21:00:00	13.117	0.0000	1.9124	8.264	10.152	6.1659	0.0166	60.420	2.453	100.000	15.862	610.450	2.217	0.000
17/10/2018	22:00:00	14.171	0.0000	1.4144	6.820	8.222	6.0923	0.0205	67.506	3.040	100.000	15.835	610.910	2.252	0.000
17/10/2018	23:00:00	15.231	DI	0.7789	5.299	6.082	6.2294	0.0048	73.070	3.498	100.000	15.806	611.310	2.252	0.000

PROMEDIO 24 HORAS	12.937	0.05768	2.5288	6.701	9.227	6.37	0.0209
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	18/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
18/10/2018	00:00:00	15.187	0.0000	0.4657	4.795	5.260	6.4443	0.0017	74.535	2.605	100.000	15.778	611.500	2.073	0.000
18/10/2018	01:00:00	CAL	0.0000	0.1714	4.379	4.547	6.3573	0.0062	65.640	2.132	100.000	15.758	611.490	2.136	0.000
18/10/2018	02:00:00	12.884	0.0000	0.2627	4.445	4.707	6.2978	0.0060	41.125	1.169	100.000	15.352	611.330	2.186	0.000
18/10/2018	03:00:00	11.776	0.0000	0.2664	4.858	5.123	6.3533	0.0058	46.346	1.632	100.000	14.853	611.090	2.217	0.000
18/10/2018	04:00:00	12.746	0.0000	0.3157	4.039	4.349	6.2417	0.0124	48.026	0.952	100.000	14.727	610.690	2.245	0.000
18/10/2018	05:00:00	13.846	0.0000	0.2846	4.089	4.377	6.3384	0.0125	48.224	1.229	100.000	14.584	610.460	2.183	0.100
18/10/2018	06:00:00	12.733	0.0000	0.3791	5.442	5.826	6.2323	0.0112	40.471	1.035	100.000	14.558	610.470	2.241	0.000
18/10/2018	07:00:00	10.792	0.0000	1.2780	8.067	9.346	6.3212	0.0090	39.100	1.111	100.000	14.559	610.580	2.243	0.100
18/10/2018	08:00:00	8.549	0.0000	4.6746	9.943	14.625	6.3861	0.0077	39.019	1.188	100.000	14.638	610.870	4.633	0.100
18/10/2018	09:00:00	7.081	0.0000	6.0122	11.309	17.313	6.3015	0.0121	42.770	1.171	100.000	14.828	611.150	22.990	0.100
18/10/2018	10:00:00	9.779	0.0000	5.2245	9.574	14.807	6.2363	0.0138	49.746	1.463	100.000	15.026	611.600	62.875	0.500
18/10/2018	11:00:00	13.628	0.0000	3.5258	6.954	10.481	6.2162	0.0177	45.627	1.872	100.000	15.364	611.900	129.310	0.100
18/10/2018	12:00:00	14.160	0.0000	3.4581	6.302	9.733	6.1659	0.0243	49.800	1.894	100.000	15.952	611.940	151.790	0.000
18/10/2018	13:00:00	15.460	0.0000	3.0457	5.737	8.775	5.8993	0.0174	80.445	3.475	99.747	17.373	611.680	324.350	0.100
18/10/2018	14:00:00	17.048	0.0000	3.0272	4.874	7.904	6.0470	0.0106	85.243	4.924	89.819	18.447	610.990	431.930	0.000
18/10/2018	15:00:00	16.664	0.0000	2.8993	4.598	7.485	6.1336	0.0078	77.155	4.079	82.450	19.210	610.400	468.710	0.000
18/10/2018	16:00:00	17.551	0.0000	2.1596	4.206	6.363	6.3578	0.0199	76.770	4.150	72.714	19.725	609.970	361.090	0.000
18/10/2018	17:00:00	15.862	0.0000	2.4445	5.670	8.113	6.3877	0.0165	90.118	4.050	83.835	18.584	609.920	197.960	0.000
18/10/2018	18:00:00	15.161	0.0000	2.0746	5.302	7.371	6.0547	0.0232	79.912	3.701	83.960	18.257	609.940	149.700	0.000
18/10/2018	19:00:00	13.725	0.0000	2.5603	5.716	8.279	6.2642	0.0110	69.519	2.931	86.448	17.901	610.090	78.498	0.000
18/10/2018	20:00:00	12.341	0.0000	1.7152	6.730	8.439	6.1921	0.0183	63.511	2.828	94.568	16.962	610.340	5.605	0.000
18/10/2018	21:00:00	10.252	0.0000	1.6828	8.677	10.358	6.2004	0.0140	78.066	2.767	96.624	16.766	610.790	2.144	0.000
18/10/2018	22:00:00	10.526	0.0000	1.7370	8.080	9.825	6.3941	0.0124	74.743	2.744	99.937	16.402	611.390	2.336	0.000
18/10/2018	23:00:00	11.921	0.0000	1.0758	6.274	7.354	6.3241	0.0195	67.326	2.567	100.000	15.833	611.790	2.296	0.000

PROMEDIO 24 HORAS	13.029	0.00000	2.1142	6.252	8.365	6.26	0.0130
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	19/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
19/10/2018	00:00:00	10.896	0.0000	1.1644	6.054	7.218	6.3316	0.0142	58.848	2.015	100.000	15.589	611.680	2.222	0.000
19/10/2018	01:00:00	10.446	0.0000	0.7144	6.320	7.026	6.1867	0.0108	71.946	2.028	100.000	15.726	611.440	2.090	0.000
19/10/2018	02:00:00	13.616	CAL	CAL	CAL	CAL	6.1690	0.0056	69.716	2.592	100.000	15.702	611.220	2.162	0.000
19/10/2018	03:00:00	14.344	AE	0.2105	2.690	2.901	6.2225	0.0002	61.961	1.645	100.000	15.600	611.040	2.247	0.000
19/10/2018	04:00:00	13.215	3.6583	0.4345	3.135	3.568	AE	0.0025	57.102	1.478	100.000	15.446	610.630	2.148	0.000
19/10/2018	05:00:00	12.278	3.7172	0.2443	3.560	3.805	5.9189	0.0086	50.439	1.453	100.000	15.147	610.300	2.279	0.000
19/10/2018	06:00:00	11.612	3.6936	0.6770	5.779	6.445	5.8160	0.0084	62.075	1.639	100.000	15.207	610.250	2.208	0.000
19/10/2018	07:00:00	10.110	3.7096	1.0783	7.848	8.911	5.8334	0.0059	72.334	2.072	100.000	15.205	610.490	2.220	0.000
19/10/2018	08:00:00	4.002	3.9653	6.8868	15.527	22.381	6.3356	0.0078	58.079	1.120	100.000	15.213	610.800	6.407	0.000
19/10/2018	09:00:00	3.701	4.0826	14.2080	14.036	28.230	6.4697	0.0241	90.423	1.274	100.000	15.301	611.130	53.791	0.000
19/10/2018	10:00:00	6.291	4.0561	10.4510	12.628	23.096	6.3162	0.0411	71.274	1.291	99.020	16.431	611.470	127.290	0.000
19/10/2018	11:00:00	9.867	3.7689	7.8717	10.877	18.745	6.6300	0.0281	92.951	2.510	82.084	17.652	611.810	225.080	0.000
19/10/2018	12:00:00	14.127	3.9373	3.6174	6.264	9.903	6.3217	0.0290	59.359	2.160	72.572	18.282	611.820	243.870	0.000
19/10/2018	13:00:00	17.541	3.9586	2.5714	4.373	6.934	6.4802	0.0187	83.342	3.344	64.450	19.667	611.390	598.320	0.000
19/10/2018	14:00:00	18.121	3.6871	2.4847	4.662	7.145	6.7014	0.0191	89.407	3.561	62.701	20.196	610.720	505.490	0.000
19/10/2018	15:00:00	19.266	3.6344	2.0345	3.645	5.680	6.4650	0.0210	81.960	3.343	59.013	20.897	609.950	533.330	0.000
19/10/2018	16:00:00	18.483	3.4398	1.9735	3.805	5.768	6.0209	0.0195	74.176	3.428	60.324	20.968	609.440	381.690	0.000
19/10/2018	17:00:00	18.091	3.2677	1.5280	3.315	4.841	6.2983	0.0244	64.744	3.914	60.899	20.710	609.130	234.920	0.000
19/10/2018	18:00:00	16.572	2.9178	1.8269	3.971	5.806	6.1828	0.0229	76.118	4.075	63.306	20.077	609.040	139.810	0.000
19/10/2018	19:00:00	14.249	3.2077	1.9796	5.147	7.132	6.2079	0.0127	74.581	3.615	69.051	19.013	609.360	47.865	0.000
19/10/2018	20:00:00	12.039	3.0211	1.6528	7.072	8.731	6.2903	0.0185	75.926	3.075	81.954	17.724	609.770	3.834	0.000
19/10/2018	21:00:00	11.019	2.9336	2.6522	8.106	10.744	6.2982	0.0205	60.008	2.018	89.563	17.330	610.020	2.264	0.000
19/10/2018	22:00:00	9.413	2.7978	2.3812	8.707	11.084	6.2920	0.0197	68.945	1.740	93.406	17.245	610.570	2.320	0.000
19/10/2018	23:00:00	10.193	3.1384	1.6310	6.940	8.558	6.2823	0.0198	53.063	1.964	98.401	16.593	610.970	2.097	0.300

PROMEDIO 24 HORAS	12.479	3.20877	3.0554	6.716	9.767	6.26	0.0168
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	20/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
20/10/2018	00:00:00	10.231	2.9058	1.3426	6.057	7.399	6.1707	0.0311	56.931	1.746	100.000	15.651	611.010	2.001	0.100
20/10/2018	01:00:00	CAL	2.7205	0.8531	6.598	7.466	6.7367	0.0096	85.747	1.721	100.000	15.684	610.860	2.033	0.000
20/10/2018	02:00:00	12.993	2.9379	0.2516	4.752	5.001	6.4617	0.0036	85.959	2.019	100.000	15.871	610.780	2.216	0.000
20/10/2018	03:00:00	13.382	2.6582	0.3319	3.640	3.972	5.5182	0.0077	65.315	1.747	100.000	15.764	610.560	2.196	0.000
20/10/2018	04:00:00	12.456	2.5040	0.3126	3.275	3.591	5.3602	0.0112	43.934	1.110	100.000	15.343	610.330	2.169	0.000
20/10/2018	05:00:00	10.720	2.4338	0.3612	3.989	4.351	5.5767	0.0294	42.927	1.263	100.000	14.942	610.090	2.205	0.200
20/10/2018	06:00:00	9.208	2.2909	0.5017	4.757	5.255	5.3231	0.0244	64.523	1.157	100.000	14.923	609.970	2.311	0.000
20/10/2018	07:00:00	5.239	2.2424	1.7744	9.440	11.215	5.5847	0.0124	51.919	0.659	100.000	14.869	610.140	2.320	0.000
20/10/2018	08:00:00	3.357	2.6996	4.8670	11.875	16.736	5.4670	0.0126	116.420	1.015	100.000	14.802	610.430	3.497	0.000
20/10/2018	09:00:00	5.744	2.5447	4.6276	9.398	14.033	5.6552	0.0192	49.749	1.239	100.000	15.110	610.710	47.358	0.000
20/10/2018	10:00:00	7.999	2.6104	5.5052	8.784	14.284	5.6395	0.0269	63.276	1.155	100.000	16.290	611.020	125.360	0.000
20/10/2018	11:00:00	11.989	2.4216	3.3221	6.121	9.466	5.5806	0.0213	58.688	2.009	99.906	17.179	611.200	166.900	0.000
20/10/2018	12:00:00	15.897	2.5832	2.5069	3.783	6.302	5.4318	0.0136	60.987	2.715	87.028	18.677	611.020	406.690	0.000
20/10/2018	13:00:00	17.349	2.3252	2.0093	3.719	5.727	5.5167	0.0133	75.922	2.367	71.110	20.349	610.500	636.740	0.100
20/10/2018	14:00:00	16.441	2.4177	2.8389	4.044	6.872	5.5740	0.0238	54.416	3.542	69.542	20.514	609.930	566.910	0.000
20/10/2018	15:00:00	18.041	2.4169	2.2308	3.633	5.875	5.6734	0.0262	52.789	3.307	66.437	20.935	609.400	549.960	0.000
20/10/2018	16:00:00	18.048	2.1429	2.0110	4.007	6.012	5.4731	0.0187	76.008	3.781	62.725	21.302	608.960	484.010	0.000
20/10/2018	17:00:00	18.692	2.6400	1.6642	4.125	5.782	5.3560	0.0212	81.697	4.324	62.478	21.239	608.730	399.610	0.000
20/10/2018	18:00:00	16.618	2.4893	2.2878	5.063	7.354	5.5606	0.0207	90.997	4.428	67.588	20.456	608.870	270.720	0.000
20/10/2018	19:00:00	16.071	2.4338	1.9167	5.537	7.451	5.4988	0.0124	88.537	4.026	70.467	19.378	609.230	75.269	0.000
20/10/2018	20:00:00	14.332	2.5558	1.5472	7.019	8.576	5.5421	0.0113	87.549	4.182	80.711	18.043	609.670	3.450	0.000
20/10/2018	21:00:00	12.707	2.5157	1.6174	8.546	10.165	5.7248	0.0187	91.618	3.850	83.534	17.618	610.200	2.203	0.000
20/10/2018	22:00:00	14.470	2.5714	1.3032	6.477	7.789	5.6902	0.0183	87.231	4.423	94.980	16.890	610.820	2.327	0.000
20/10/2018	23:00:00	13.377	2.5940	1.3074	7.766	9.068	5.5430	0.0221	93.192	3.242	100.000	16.362	611.100	2.277	0.000

PROMEDIO 24 HORAS	12.842	2.52732	1.9705	5.933	7.906	5.65	0.0179
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	21/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
21/10/2018	00:00:00	14.407	2.1630	0.8306	5.043	5.877	5.6983	0.0114	66.806	2.370	100.000	16.460	611.280	2.182	0.000
21/10/2018	01:00:00	13.236	2.3551	1.1157	4.865	5.982	5.3900	0.0090	60.504	1.820	100.000	16.277	611.230	2.136	0.000
21/10/2018	02:00:00	12.973	CAL	CAL	CAL	CAL	5.7734	0.0119	58.383	1.970	100.000	15.762	610.990	2.196	0.000
21/10/2018	03:00:00	14.348	CAL	0.4463	3.026	3.473	6.3278	0.0194	95.111	1.943	100.000	15.414	610.720	2.194	0.000
21/10/2018	04:00:00	13.857	1.1172	0.3332	2.939	3.276	AE	0.0169	49.110	1.614	100.000	15.499	610.550	2.174	0.000
21/10/2018	05:00:00	14.868	1.0573	0.2296	2.888	3.119	6.6027	0.0151	61.618	2.588	100.000	14.951	610.560	2.230	0.100
21/10/2018	06:00:00	14.995	1.0515	0.2434	3.001	3.244	6.3258	0.0095	52.485	2.073	100.000	14.722	610.530	1.817	0.200
21/10/2018	07:00:00	12.654	1.0416	0.4166	4.751	5.159	6.1501	0.0068	55.775	1.341	100.000	14.758	610.540	2.021	0.000
21/10/2018	08:00:00	11.799	1.1567	0.7710	5.803	6.559	6.2959	0.0036	55.521	1.683	100.000	14.752	610.960	2.629	0.400
21/10/2018	09:00:00	10.942	1.0747	1.6985	6.455	8.151	6.1356	0.0050	55.931	1.954	100.000	14.747	611.170	31.732	0.200
21/10/2018	10:00:00	11.760	1.1735	2.1779	5.861	8.034	6.2307	0.0121	54.330	1.828	100.000	14.969	611.570	63.861	0.100
21/10/2018	11:00:00	12.727	1.2314	2.4439	5.434	7.884	6.1306	0.0110	71.989	3.317	100.000	15.082	611.840	77.824	0.000
21/10/2018	12:00:00	14.517	1.2524	1.9916	4.604	6.597	6.2349	0.0086	74.679	3.851	100.000	15.495	611.810	141.400	0.000
21/10/2018	13:00:00	15.368	1.4060	2.1515	4.664	6.815	6.2148	0.0051	82.865	4.090	100.000	16.353	611.430	233.490	0.000
21/10/2018	14:00:00	16.331	1.1777	2.7198	4.327	7.059	6.5041	0.0073	82.658	4.282	97.094	17.214	610.760	335.940	0.000
21/10/2018	15:00:00	16.346	0.9996	2.2700	3.993	6.270	6.3163	0.0130	66.761	3.346	94.308	17.444	610.050	241.280	0.000
21/10/2018	16:00:00	16.426	1.1604	1.8730	3.735	5.611	6.2657	0.0110	72.126	4.289	88.303	18.110	609.500	290.610	0.000
21/10/2018	17:00:00	16.833	0.9366	1.8716	4.113	5.993	6.3558	0.0106	80.000	4.698	87.523	17.750	609.340	197.950	0.000
21/10/2018	18:00:00	17.335	1.0654	1.5422	4.374	5.917	6.1697	0.0134	75.283	4.429	85.967	17.526	609.390	131.360	0.000
21/10/2018	19:00:00	16.733	1.2171	1.4592	4.984	6.450	6.4709	0.0169	77.505	3.848	84.715	17.226	609.610	45.745	0.000
21/10/2018	20:00:00	14.642	1.1505	1.0781	6.353	7.429	6.4557	0.0130	72.011	3.084	95.626	16.457	609.810	2.775	0.000
21/10/2018	21:00:00	12.792	1.1890	1.2499	8.281	9.534	6.2880	0.0132	91.627	3.686	98.164	16.362	610.210	2.313	0.000
21/10/2018	22:00:00	15.194	1.4168	0.9858	6.144	7.130	6.3153	0.0091	82.394	3.748	98.013	16.094	610.490	2.316	0.000
21/10/2018	23:00:00	16.225	1.4006	0.6348	5.482	6.112	6.4881	0.0069	76.744	3.191	100.000	15.729	610.620	2.224	0.000

PROMEDIO 24 HORAS	14.471	1.26337	1.3276	4.831	6.160	6.22	0.0108
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	22/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
22/10/2018	00:00:00	14.826	1.2511	0.2921	5.689	5.980	6.4301	0.0097	80.434	2.638	100.000	15.230	610.580	2.200	0.000
22/10/2018	01:00:00	CAL	1.1675	0.3615	4.981	5.344	6.6542	0.0110	81.110	2.473	100.000	15.019	610.570	2.116	0.000
22/10/2018	02:00:00	16.763	0.7686	0.2697	3.907	4.179	6.7697	0.0094	74.959	2.437	100.000	14.923	610.240	2.181	0.000
22/10/2018	03:00:00	16.344	0.6978	0.1138	3.073	3.187	6.3669	0.0034	77.403	1.946	100.000	15.053	610.130	2.143	0.000
22/10/2018	04:00:00	15.864	0.5524	0.1582	3.842	3.999	6.6534	0.0006	78.498	1.890	100.000	15.067	609.980	2.170	0.000
22/10/2018	05:00:00	BIT	0.5572	0.4875	4.156	4.653	6.6983	0.0018	64.941	1.780	100.000	14.922	609.780	2.141	0.000
22/10/2018	06:00:00	BIT	0.6649	0.5044	5.424	5.924	6.7602	0.0032	67.420	2.006	100.000	14.849	609.760	2.154	0.000
22/10/2018	07:00:00	BIT	0.8051	1.9129	11.943	13.874	6.5265	0.0078	82.392	2.497	100.000	14.885	609.830	2.166	0.000
22/10/2018	08:00:00	BIT	1.3254	9.1597	18.441	27.595	6.2873	0.0189	88.666	1.803	100.000	14.864	610.050	4.220	0.000
22/10/2018	09:00:00	BIT	1.4455	20.9910	21.076	42.022	6.4794	0.0301	89.892	1.485	100.000	15.271	610.450	36.578	0.000
22/10/2018	10:00:00	BIT	1.2963	14.2120	14.827	29.086	6.9378	0.0431	79.901	1.685	98.169	16.164	610.750	197.780	0.000
22/10/2018	11:00:00	BIT	1.1711	5.0326	8.390	13.400	6.8089	0.0351	81.953	2.881	88.413	17.150	610.800	227.290	0.000
22/10/2018	12:00:00	BIT	1.0165	4.3510	6.972	11.311	6.5080	0.0293	81.292	2.835	84.703	17.613	610.630	205.980	0.000
22/10/2018	13:00:00	BIT	0.7488	3.9138	6.835	10.727	6.6556	0.0236	76.111	2.400	77.621	18.427	610.210	167.130	0.000
22/10/2018	14:00:00	BIT	0.8807	4.8139	6.606	11.430	6.5133	0.0273	76.231	3.441	69.257	19.978	609.360	310.900	0.000
22/10/2018	15:00:00	BIT	0.2797	2.9604	5.133	8.095	6.4023	0.0300	84.137	3.681	67.379	20.204	608.730	287.250	0.000
22/10/2018	16:00:00	BIT	0.6655	3.2071	8.143	11.359	6.5306	0.0420	91.718	3.031	70.873	19.405	608.380	91.600	0.000
22/10/2018	17:00:00	BIT	0.7355	4.0402	7.621	11.666	6.4940	0.0262	70.949	2.165	75.331	19.268	608.430	114.860	0.100
22/10/2018	18:00:00	BIT	0.2942	3.3322	5.800	9.113	6.4270	0.0313	77.206	3.314	65.767	20.199	608.530	233.800	0.000
22/10/2018	19:00:00	BIT	0.6934	2.6313	6.326	8.963	6.4637	0.0167	70.090	3.127	71.552	19.125	608.510	67.586	0.000
22/10/2018	20:00:00	BIT	0.5413	2.7346	10.982	13.717	6.3935	0.0128	74.478	2.038	80.521	17.573	608.830	4.043	0.000
22/10/2018	21:00:00	BIT	0.7670	3.4194	12.609	16.023	6.3402	0.0178	77.172	2.008	91.654	16.569	609.380	2.239	0.000
22/10/2018	22:00:00	BIT	0.6494	2.0904	11.606	13.707	6.5194	0.0202	89.761	2.756	91.575	16.301	609.780	2.267	0.000
22/10/2018	23:00:00	BIT	0.7859	1.8919	11.116	13.006	6.5646	0.0213	91.570	3.154	90.036	16.209	609.920	2.280	0.000

PROMEDIO 24 HORAS	15.949	0.82337	3.8701	8.562	12.432	6.55	0.0197
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	23/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
23/10/2018	00:00:00	0.000	0.6106	1.0814	8.996	10.081	6.2263	0.0196	112.860	2.323	87.376	16.153	610.160	2.239	0.000
23/10/2018	01:00:00	0.000	0.4913	0.4866	7.012	7.482	6.5510	0.0106	104.030	2.785	85.411	16.103	610.160	2.198	0.000
23/10/2018	02:00:00	0.000	CAL	CAL	CAL	CAL	6.1443	0.0112	87.186	1.604	88.298	15.743	609.940	2.190	0.000
23/10/2018	03:00:00	0.000	CAL	0.2185	3.506	3.726	5.8160	0.0111	74.987	2.370	93.129	15.179	609.840	2.205	0.000
23/10/2018	04:00:00	0.000	0.000	0.1226	2.822	2.951	CAL	0.0049	69.137	2.066	95.301	14.871	609.680	2.102	0.000
23/10/2018	05:00:00	0.000	0.000	0.1569	3.897	4.053	5.3145	0.0049	64.874	1.360	96.080	14.914	609.510	2.122	0.000
23/10/2018	06:00:00	0.000	0.000	0.4581	5.759	6.215	5.1100	0.0082	75.634	1.255	94.883	14.983	609.550	2.093	0.000
23/10/2018	07:00:00	0.000	0.000	1.0360	9.723	10.753	5.5229	0.0084	72.723	1.490	96.431	14.730	609.770	2.188	0.000
23/10/2018	08:00:00	0.000	0.000	3.5874	14.481	18.141	5.5898	0.0265	95.931	1.904	95.574	14.700	609.810	2.702	0.000
23/10/2018	09:00:00	0.000	0.000	9.6282	17.413	27.050	5.9725	0.0326	93.928	1.934	96.102	14.858	610.050	19.644	0.000
23/10/2018	10:00:00	0.000	0.000	6.9413	10.974	17.897	5.6123	0.0404	143.500	2.019	90.395	15.427	610.390	116.800	0.000
23/10/2018	11:00:00	0.000	0.000	7.4626	11.482	18.974	5.5471	0.0253	116.020	1.401	81.920	16.631	610.560	279.140	0.000
23/10/2018	12:00:00	0.000	0.000	8.3117	11.106	19.425	5.6151	0.0428	88.634	1.131	73.189	17.886	610.490	444.050	0.000
23/10/2018	13:00:00	0.000	0.000	5.5466	9.472	15.022	5.6307	0.0445	147.070	1.172	65.446	19.215	610.100	465.540	0.000
23/10/2018	14:00:00	0.000	0.000	3.5971	9.546	13.134	5.8080	0.0532	179.840	0.884	61.128	20.307	609.580	511.630	0.000
23/10/2018	15:00:00	0.000	0.000	2.4900	8.371	10.826	6.5107	0.0600	115.240	1.357	55.738	21.920	608.790	705.990	0.000
23/10/2018	16:00:00	0.000	0.000	1.5274	6.075	7.601	6.5200	0.0701	89.435	2.502	54.932	23.026	607.970	622.130	0.000
23/10/2018	17:00:00	0.000	0.000	1.5588	5.445	7.005	6.0187	0.0556	115.940	2.989	59.162	22.187	607.630	271.730	0.000
23/10/2018	18:00:00	0.000	0.000	1.5874	6.038	7.624	5.5554	0.0361	117.020	2.803	65.486	21.118	607.660	141.370	0.000
23/10/2018	19:00:00	0.000	0.000	2.2656	9.474	11.737	5.6325	0.0282	159.170	2.407	68.385	20.626	607.690	71.748	0.000
23/10/2018	20:00:00	0.000	0.000	2.0007	10.733	12.756	5.5270	0.0280	104.680	3.062	84.042	18.451	608.190	3.736	0.000
23/10/2018	21:00:00	0.000	0.000	2.0499	11.237	13.285	5.3592	0.0332	98.175	2.707	94.569	17.668	608.740	2.204	0.000
23/10/2018	22:00:00	0.000	0.000	1.9378	16.511	18.466	5.4326	0.0238	104.520	2.498	91.468	17.579	609.160	2.212	0.000
23/10/2018	23:00:00	0.000	0.000	3.2867	19.594	22.883	5.5697	0.0296	104.430	2.941	93.510	17.501	609.400	2.225	0.000

PROMEDIO 24 HORAS	0.000	0.05009	2.9278	9.551	12.482	5.76	0.0295
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	24/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/10/2018	00:00:00	BIT	0.000	1.8765	16.556	18.425	5.5423	0.0326	108.560	2.893	95.452	17.335	609.450	2.182	0.000
24/10/2018	01:00:00	BIT	0.0000	0.8347	11.444	12.280	5.2485	0.0252	115.300	1.808	96.193	17.133	609.430	2.204	0.000
24/10/2018	02:00:00	BIT	0.9304	0.3073	6.623	6.937	5.7072	0.0227	116.310	3.075	94.741	16.811	609.150	2.153	0.000
24/10/2018	03:00:00	BIT	1.4075	0.2051	8.400	8.618	6.5235	0.0166	125.400	3.233	97.997	16.135	608.960	2.046	0.000
24/10/2018	04:00:00	BIT	1.5269	0.3371	11.945	12.290	7.1179	0.0289	127.110	3.122	100.000	15.479	608.680	2.042	0.000
24/10/2018	05:00:00	BIT	1.5066	0.4009	11.244	11.633	7.1741	0.0279	126.120	1.391	100.000	15.337	608.660	2.110	0.000
24/10/2018	06:00:00	BIT	1.3227	3.9633	14.193	18.193	7.0163	0.0285	152.660	0.874	100.000	15.090	608.750	2.181	0.000
24/10/2018	07:00:00	BIT	1.9538	22.2740	15.785	37.977	7.2032	0.0332	209.190	0.689	100.000	14.578	608.930	2.214	0.000
24/10/2018	08:00:00	BIT	2.3654	34.7950	17.493	52.247	7.8434	0.0701	79.454	0.991	100.000	15.423	609.240	6.331	0.000
24/10/2018	09:00:00	BIT	2.9150	54.8610	17.815	72.702	8.4003	0.0746	92.048	0.719	100.000	16.264	609.490	118.420	0.000
24/10/2018	10:00:00	BIT	2.0821	30.6530	14.306	44.931	8.2461	0.1435	141.570	1.572	94.944	17.301	609.710	172.840	0.000
24/10/2018	11:00:00	BIT	1.7701	4.2254	5.907	10.142	7.6357	0.0956	207.530	2.720	66.913	20.305	609.740	437.340	0.000
24/10/2018	12:00:00	BIT	1.5633	3.3553	4.376	7.749	7.2604	0.0412	219.650	3.583	57.286	21.587	609.450	584.210	0.000
24/10/2018	13:00:00	BIT	1.6217	2.4984	4.218	6.717	6.9435	0.0307	223.730	4.032	53.240	22.504	608.990	518.030	0.000
24/10/2018	14:00:00	BIT	1.8231	3.3616	4.887	8.251	7.0845	0.0338	223.220	3.979	48.287	24.123	608.390	733.570	0.000
24/10/2018	15:00:00	BIT	1.3874	2.8126	4.164	6.975	7.0690	0.0291	226.810	4.244	45.395	24.984	607.820	700.690	0.000
24/10/2018	16:00:00	BIT	1.7306	2.6150	5.330	7.957	7.1103	0.0238	243.430	3.508	45.559	24.477	607.490	217.750	0.000
24/10/2018	17:00:00	BIT	1.4550	2.5631	4.012	6.577	7.3831	0.0199	247.080	3.898	43.793	24.912	607.250	473.960	0.000
24/10/2018	18:00:00	BIT	1.6605	1.9766	3.845	5.819	7.3787	0.0133	258.510	3.171	43.808	24.923	607.180	310.350	0.000
24/10/2018	19:00:00	BIT	1.5843	2.3662	5.719	8.085	7.4279	0.0120	262.970	2.532	48.324	24.150	607.380	96.796	0.000
24/10/2018	20:00:00	BIT	1.7635	1.5101	6.592	8.086	7.9010	0.0104	272.030	2.240	53.335	22.892	607.910	3.696	0.000
24/10/2018	21:00:00	BIT	1.7348	1.8419	7.503	9.398	11.2110	0.0111	251.800	2.523	59.208	21.695	608.610	2.349	0.000
24/10/2018	22:00:00	BIT	1.6038	1.2698	6.262	7.531	6.9900	0.0196	174.770	1.441	95.448	18.145	609.550	2.214	2.600
24/10/2018	23:00:00	BIT	1.5368	1.9472	10.141	12.080	6.8412	0.0317	219.520	0.641	100.000	17.879	609.620	2.276	0.400

PROMEDIO 24 HORAS	#¡DIV/0!	1.55189	7.6188	9.115	16.733	7.26	0.0365
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	25/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS							
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia	
25/10/2018	00:00:00	BIT	1.5439	4.4589	13.710	18.140	6.8954	0.0176	117.050	0.854	100.000	17.857	609.430	2.285	0.000	
25/10/2018	01:00:00	BIT	1.6174	8.1331	15.161	23.271	6.9749	0.0124	137.400	0.432	100.000	17.517	609.450	2.247	0.000	
25/10/2018	02:00:00	BIT	CAL	CAL	CAL	CAL	7.0640	0.0326	147.620	0.262	100.000	17.484	609.250	2.370	0.000	
25/10/2018	03:00:00	BIT	CAL	16.4220	11.890	28.036	6.7954	0.0517	154.340	0.299	100.000	17.366	608.880	2.243	0.000	
25/10/2018	04:00:00	BIT	1.4783	12.9700	11.908	24.756	AE	0.0370	89.810	0.120	100.000	17.166	608.650	2.272	0.000	
25/10/2018	05:00:00	BIT	1.4296	19.9940	14.132	34.164	6.7991	0.0340	111.590	0.147	100.000	16.965	608.470	2.309	0.000	
25/10/2018	06:00:00	BIT	1.0554	4.8274	10.649	15.476	6.7342	0.0357	256.060	0.446	100.000	16.384	608.480	2.246	0.000	
25/10/2018	07:00:00	BIT	1.3340	39.4880	11.789	51.119	7.1617	0.0051	319.860	0.178	100.000	15.395	608.770	2.268	0.000	
25/10/2018	08:00:00	BIT	2.5156	78.3090	11.198	89.575	7.6127	0.0455	304.480	0.327	100.000	14.976	609.080	8.116	0.000	
25/10/2018	09:00:00	BIT	2.4303	62.3420	12.916	75.064	8.0538	0.0829	270.160	0.418	96.924	16.327	609.310	164.180	0.000	
25/10/2018	10:00:00	BIT	1.6082	12.9790	10.935	23.958	7.2566	0.0603	225.060	0.599	80.563	18.778	609.410	329.030	0.000	
25/10/2018	11:00:00		18.423	1.6461	9.5415	13.995	23.618	7.0852	0.0363	167.000	0.512	66.360	21.365	609.390	537.280	0.000
25/10/2018	12:00:00		22.408	1.6522	5.8573	10.627	16.497	7.0638	0.0403	195.460	0.663	58.690	23.011	609.220	707.380	0.000
25/10/2018	13:00:00		29.057	1.3813	2.1230	6.941	9.086	6.9715	0.0360	201.220	0.924	52.215	24.176	608.710	614.130	0.000
25/10/2018	14:00:00		39.272	1.2333	1.3066	7.916	9.217	7.7038	0.0311	146.640	1.024	50.088	24.597	608.000	728.260	0.000
25/10/2018	15:00:00		35.672	1.1762	1.2352	6.539	7.773	7.2321	0.0324	153.040	2.001	48.876	25.012	607.150	485.610	0.000
25/10/2018	16:00:00		49.349	1.0375	1.1180	9.075	10.197	7.4785	0.0441	107.460	1.492	46.141	25.831	606.570	501.530	0.000
25/10/2018	17:00:00		48.863	0.9439	0.8347	8.486	9.325	7.7089	0.0478	79.074	1.214	45.009	25.767	606.140	262.290	0.000
25/10/2018	18:00:00		31.375	0.9941	1.0981	7.735	8.833	7.3284	0.0419	138.480	3.043	54.324	24.371	606.060	75.735	0.000
25/10/2018	19:00:00		23.722	0.7646	1.2443	9.057	10.275	7.3009	0.0521	70.235	2.268	62.251	23.347	606.360	52.159	0.000
25/10/2018	20:00:00		16.037	1.0689	1.6330	15.204	16.850	7.1009	0.0573	175.330	2.213	72.229	19.661	606.920	8.421	0.400
25/10/2018	21:00:00		7.766	1.1265	3.5185	21.252	24.779	7.4690	0.0147	188.750	1.263	70.336	20.378	607.460	2.414	0.000
25/10/2018	22:00:00		8.477	1.0537	3.8041	18.629	22.521	7.4529	0.0346	113.500	2.543	76.204	19.625	607.940	2.246	0.000
25/10/2018	23:00:00		2.978	1.0158	5.6574	24.967	30.665	7.4099	0.0385	175.420	1.308	92.352	18.439	608.040	2.248	0.000

PROMEDIO 24 HORAS	25.646	1.36849	12.9954	12.379	25.356	7.25	0.0384
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	26/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
26/10/2018	00:00:00	0.949	1.4222	9.1613	23.183	32.383	7.5359	0.0382	87.268	1.134	98.760	17.596	608.130	2.306	0.000
26/10/2018	01:00:00	1.510	0.9206	6.3239	11.840	18.157	7.3956	0.0566	88.034	2.274	99.695	17.236	608.270	2.205	0.000
26/10/2018	02:00:00	21.254	0.1991	0.4391	11.106	11.532	6.8993	0.0223	102.730	1.024	100.000	16.790	608.220	2.127	0.000
26/10/2018	03:00:00	4.037	0.1235	0.9501	14.253	15.195	6.3776	0.0194	106.150	1.660	100.000	16.740	608.100	2.229	0.000
26/10/2018	04:00:00	5.972	0.0094	1.1287	11.810	12.930	6.2315	0.0220	63.712	0.688	100.000	16.198	607.950	2.237	0.000
26/10/2018	05:00:00	3.052	0.2574	1.1481	12.201	13.353	6.1223	0.0281	255.780	0.479	100.000	16.154	607.920	2.184	0.000
26/10/2018	06:00:00	3.934	0.1188	1.0469	12.538	13.583	6.3288	0.0282	316.540	0.465	100.000	16.329	607.900	2.341	0.000
26/10/2018	07:00:00	1.337	0.3677	1.9720	14.134	16.111	6.9020	0.0333	237.150	0.527	100.000	16.491	607.980	2.326	0.000
26/10/2018	08:00:00	2.669	0.4668	9.8246	15.090	24.860	7.5903	0.0440	275.000	1.074	100.000	15.742	608.160	4.260	0.000
26/10/2018	09:00:00	0.000	0.7132	10.7400	12.692	23.435	6.9411	0.0515	264.110	0.959	100.000	15.438	608.580	99.796	0.000
26/10/2018	10:00:00	9.132	0.7183	12.0030	11.458	23.470	7.1242	0.0439	189.000	0.874	92.936	17.666	608.770	362.470	0.000
26/10/2018	11:00:00	11.526	0.7889	10.2100	13.134	23.347	7.8668	0.0367	127.220	1.293	72.194	20.161	608.900	533.240	0.000
26/10/2018	12:00:00	7.982	0.6881	8.2292	14.092	22.295	8.0159	0.0467	115.350	1.205	64.425	21.812	608.800	675.030	0.000
26/10/2018	13:00:00	13.759	0.6317	5.9018	14.832	20.723	12.9230	0.0679	115.490	1.685	60.250	22.816	608.370	531.480	0.000
26/10/2018	14:00:00	36.263	0.5219	3.9983	11.380	15.361	19.2470	0.0659	130.550	1.625	52.899	23.978	607.650	715.860	0.000
26/10/2018	15:00:00	23.623	0.4639	2.0831	6.407	8.494	9.8938	0.0501	224.380	3.040	49.260	24.749	606.860	702.180	0.000
26/10/2018	16:00:00	10.692	0.2434	2.1098	6.002	8.105	7.4965	0.0391	52.171	4.116	61.320	22.814	606.490	572.490	0.000
26/10/2018	17:00:00	34.528	0.1156	1.5964	5.638	7.235	7.4086	0.0502	75.170	2.354	57.293	23.777	606.270	443.250	0.000
26/10/2018	18:00:00	17.811	0.1438	1.6664	8.381	10.058	7.0951	0.0318	93.190	1.934	55.762	24.094	606.080	245.960	0.000
26/10/2018	19:00:00	0.000	0.0905	2.1815	11.831	13.996	7.3714	0.0393	112.270	2.488	61.161	23.128	606.120	73.671	0.000
26/10/2018	20:00:00	6.978	0.3943	1.8525	11.844	13.708	6.9687	0.0346	102.250	3.872	73.708	20.305	606.840	3.996	0.000
26/10/2018	21:00:00	37.032	0.2284	1.9652	14.578	16.529	6.9155	0.0411	97.438	3.495	78.047	19.330	607.290	2.360	0.000
26/10/2018	22:00:00	7.326	0.2686	1.9626	13.626	15.586	6.4322	0.0427	98.341	3.519	85.876	18.541	607.770	2.250	0.000
26/10/2018	23:00:00	0.000	0.3752	1.7249	11.498	13.223	6.2334	0.0424	98.236	3.565	94.221	18.204	608.250	2.331	0.000

PROMEDIO 24 HORAS	10.890	0.42797	4.1758	12.231	16.403	7.89	0.0407
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	27/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
27/10/2018	00:00:00	60.609	0.2021	1.9617	14.098	16.077	6.4104	0.0302	98.153	2.568	100.000	17.860	608.450	2.289	0.000
27/10/2018	01:00:00	0.000	0.1326	1.3081	10.394	11.703	6.1734	0.0421	85.353	2.505	100.000	17.182	608.480	2.297	0.000
27/10/2018	02:00:00	0.000	0.6906	0.6728	7.457	8.111	5.6355	0.0298	119.250	3.410	100.000	17.315	608.480	2.205	0.000
27/10/2018	03:00:00	0.000	0.000	0.2085	5.528	5.738	5.0898	0.0150	126.260	3.072	100.000	17.270	608.610	2.196	0.000
27/10/2018	04:00:00	0.000	0.000	0.2131	5.547	5.762	5.1008	0.0122	133.640	3.027	99.932	17.022	608.480	2.267	0.000
27/10/2018	05:00:00	0.000	0.000	0.1843	4.203	4.385	4.6626	0.0107	133.030	2.659	100.000	16.817	608.500	2.217	0.000
27/10/2018	06:00:00	0.000	0.000	0.3496	8.572	8.903	5.2176	0.0081	120.850	2.413	100.000	16.711	608.730	2.161	0.000
27/10/2018	07:00:00	0.000	0.000	2.6926	14.954	17.556	5.1464	0.0272	107.690	2.445	100.000	16.259	608.910	2.217	0.100
27/10/2018	08:00:00	0.000	0.000	10.1520	16.432	26.587	5.6208	0.0323	56.887	0.919	100.000	15.631	609.430	3.465	0.000
27/10/2018	09:00:00	0.000	0.000	7.2595	14.285	21.575	5.4606	0.0306	52.234	1.195	100.000	15.734	609.870	19.997	0.000
27/10/2018	10:00:00	0.000	0.000	7.0275	10.360	17.447	5.4706	0.0322	56.819	1.486	100.000	15.712	610.330	96.343	0.000
27/10/2018	11:00:00	0.000	0.000	6.2744	10.083	16.403	5.5566	0.0447	151.960	0.971	100.000	16.618	610.850	134.300	0.000
27/10/2018	12:00:00	0.000	0.000	3.6646	7.681	11.361	5.2256	0.0335	132.550	1.349	96.614	17.300	610.990	170.100	0.000
27/10/2018	13:00:00	0.000	0.000	2.1319	5.703	7.843	5.6034	0.0279	97.519	3.263	70.853	18.881	610.650	517.700	0.000
27/10/2018	14:00:00	0.000	0.000	3.4870	8.616	12.086	5.6423	0.0268	101.190	3.279	66.799	19.741	610.200	408.890	0.000
27/10/2018	15:00:00	0.000	0.000	4.1493	8.018	12.171	5.6115	0.0359	100.250	3.231	64.555	20.207	609.700	564.590	0.000
27/10/2018	16:00:00	0.000	0.000	2.4083	6.314	8.715	5.3100	0.0296	108.980	3.775	63.471	20.126	609.260	370.880	0.000
27/10/2018	17:00:00	0.000	0.000	2.5580	6.338	8.902	5.2841	0.0222	94.676	4.213	64.465	19.891	609.220	256.070	0.000
27/10/2018	18:00:00	0.000	0.000	2.0787	5.280	7.356	5.3553	0.0231	80.073	4.371	71.549	18.475	609.440	189.450	0.000
27/10/2018	19:00:00	0.000	0.000	2.1096	7.219	9.311	5.2860	0.0275	92.960	3.736	74.683	17.456	609.770	68.284	0.000
27/10/2018	20:00:00	0.000	0.000	1.6869	8.946	10.626	5.3726	0.0259	80.684	3.713	89.233	15.786	610.280	3.455	0.000
27/10/2018	21:00:00	0.000	0.000	1.2678	6.993	8.246	4.9536	0.0160	72.114	3.526	96.564	15.063	611.060	2.290	0.000
27/10/2018	22:00:00	0.000	0.000	1.1361	6.994	8.136	5.2473	0.0176	77.280	3.539	98.917	14.864	611.760	2.296	0.000
27/10/2018	23:00:00	0.000	0.000	1.0129	7.343	8.346	5.3527	0.0175	77.947	2.860	99.705	14.851	612.000	2.231	0.000

PROMEDIO 24 HORAS	2.525	0.04272	2.7498	8.640	11.389	5.41	0.0258
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	28/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
28/10/2018	00:00:00	BIT	0.0000	0.8638	9.272	10.126	5.3293	0.0241	89.363	3.074	97.488	14.968	611.860	2.268	0.000
28/10/2018	01:00:00	BIT	0.0000	0.5302	7.942	8.466	5.4824	0.0140	73.560	2.363	97.510	14.886	612.030	2.260	0.000
28/10/2018	02:00:00	BIT	1.4189	CAL	CAL	CAL	6.0849	0.0177	105.290	2.765	90.690	15.107	612.060	2.239	0.000
28/10/2018	03:00:00	BIT	CAL	0.2550	6.509	6.770	6.5328	0.0224	123.270	2.179	96.526	14.836	611.930	2.170	0.000
28/10/2018	04:00:00	BIT	1.7684	0.6015	5.690	6.299	AE	0.0096	52.171	1.335	96.191	14.795	611.840	2.182	0.000
28/10/2018	05:00:00	BIT	1.6875	0.3141	4.312	4.626	6.4189	0.0099	49.519	1.262	95.501	14.556	611.960	2.190	0.000
28/10/2018	06:00:00	BIT	1.5372	0.5054	5.487	5.993	6.3661	0.0129	49.018	1.234	98.400	14.335	612.140	2.187	0.000
28/10/2018	07:00:00	BIT	1.6297	0.6161	7.108	7.718	6.5596	0.0180	68.267	1.571	100.000	13.952	612.330	3.260	0.000
28/10/2018	08:00:00	BIT	1.7051	0.8405	7.689	8.524	6.4173	0.0135	198.810	1.464	100.000	13.936	612.640	18.610	0.000
28/10/2018	09:00:00	BIT	1.8771	1.6796	7.412	9.089	6.1100	0.0219	107.720	1.057	99.362	14.376	613.050	67.508	0.000
28/10/2018	10:00:00	BIT	1.7677	1.8745	6.721	8.597	6.3254	0.0344	77.878	1.042	87.053	15.515	613.270	125.350	0.000
28/10/2018	11:00:00	BIT	1.7941	2.4431	6.311	8.753	6.4566	0.0285	180.550	0.625	70.784	17.086	613.150	360.240	0.000
28/10/2018	12:00:00	BIT	1.8502	3.2679	7.311	10.606	6.2677	0.0253	144.200	0.878	62.327	18.730	612.570	420.310	0.000
28/10/2018	13:00:00	BIT	1.7880	2.6915	7.621	10.318	6.5565	0.0275	131.110	1.534	60.587	19.243	611.940	323.380	0.000
28/10/2018	14:00:00	BIT	1.6547	2.4786	6.065	8.542	6.3878	0.0267	92.881	1.945	58.936	19.880	611.380	382.000	0.000
28/10/2018	15:00:00	BIT	1.5470	1.9793	4.710	6.697	6.3830	0.0232	81.499	2.567	56.746	20.274	611.010	284.230	0.000
28/10/2018	16:00:00	BIT	1.6351	1.9396	4.675	6.610	6.4849	0.0240	77.832	3.179	57.941	20.385	610.900	367.380	0.000
28/10/2018	17:00:00	BIT	1.4418	1.8807	5.179	7.064	6.5761	0.0218	87.794	3.075	54.370	20.962	610.860	325.180	0.000
28/10/2018	18:00:00	BIT	1.6423	1.5614	6.120	7.671	6.6598	0.0208	105.480	4.005	60.280	19.322	610.980	83.878	0.000
28/10/2018	19:00:00	BIT	1.4410	1.4214	9.926	11.375	6.3091	0.0197	100.150	3.755	65.560	17.814	611.380	3.634	0.000
28/10/2018	20:00:00	BIT	1.7974	1.5666	12.353	13.914	6.3979	0.0181	99.723	3.425	71.726	16.717	611.860	2.237	0.000
28/10/2018	21:00:00	BIT	1.7522	4.1725	16.613	20.914	6.2050	0.0220	87.726	2.105	77.613	15.960	612.400	2.229	0.000
28/10/2018	22:00:00	BIT	1.7796	3.2210	16.643	19.909	6.0224	0.0311	96.422	2.232	82.784	15.413	612.770	2.397	0.000
28/10/2018	23:00:00	BIT	1.7102	2.9285	15.879	18.772	6.1913	0.0294	84.478	2.014	87.115	15.010	612.950	2.293	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	1.53153	1.7232	8.154	9.885	6.28	0.0215
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	29/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
29/10/2018	00:00:00	BIT	1.7359	1.4090	10.598	12.012	6.4253	0.0372	63.779	1.379	98.227	14.084	612.980	2.217	0.000
29/10/2018	01:00:00	BIT	0.0000	2.2723	16.128	18.397	6.2817	0.0245	42.830	0.747	98.674	14.041	612.790	2.272	0.000
29/10/2018	02:00:00	BIT	0.0000	1.7465	14.173	15.924	6.6403	0.0337	159.540	0.926	97.824	14.200	612.530	2.225	0.000
29/10/2018	03:00:00	BIT	0.0000	0.7739	10.544	11.311	6.2854	0.0622	174.620	1.095	98.310	14.192	612.300	2.230	0.000
29/10/2018	04:00:00	BIT	0.0000	0.2604	4.683	4.944	5.6513	0.0340	314.900	1.019	98.978	14.071	612.100	2.251	0.000
29/10/2018	05:00:00	BIT	0.0000	0.2899	6.264	6.562	5.3461	0.0165	228.680	0.714	100.000	13.914	611.960	2.242	0.000
29/10/2018	06:00:00	BIT	0.0000	0.7753	9.800	10.582	5.5063	0.0150	342.460	0.570	100.000	14.163	612.070	2.238	0.000
29/10/2018	07:00:00	BIT	0.0000	7.4342	15.902	23.444	5.4345	0.0215	263.020	0.956	100.000	14.184	612.230	3.056	0.000
29/10/2018	08:00:00	BIT	0.0000	13.7920	15.821	29.575	5.6820	0.0359	267.100	1.146	100.000	14.333	612.450	58.054	0.000
29/10/2018	09:00:00	BIT	0.0000	8.3812	12.211	20.621	5.5122	0.0484	185.330	1.109	99.919	14.860	612.770	93.163	0.000
29/10/2018	10:00:00	BIT	0.0000	6.5895	10.639	17.074	5.7348	0.0597	102.010	1.343	96.047	15.470	613.050	96.154	0.000
29/10/2018	11:00:00	BIT	0.0000	4.9755	10.314	15.287	6.0809	0.0499	80.802	1.877	76.833	16.682	613.060	190.080	0.000
29/10/2018	12:00:00	BIT	0.0000	4.2413	9.534	13.758	5.8398	0.0386	98.573	1.624	73.521	16.917	612.630	222.000	0.000
29/10/2018	13:00:00	BIT	0.0000	4.1850	10.193	14.392	5.8363	0.0313	112.510	1.134	69.509	17.605	611.930	265.790	0.000
29/10/2018	14:00:00	BIT	0.0000	4.5182	12.079	16.595	5.8757	0.0363	127.590	0.928	64.309	18.442	611.220	282.400	0.000
29/10/2018	15:00:00	BIT	0.0000	5.3189	12.325	17.654	5.9181	0.0482	102.520	1.124	60.462	19.308	610.630	299.860	0.000
29/10/2018	16:00:00	BIT	0.0000	3.1832	7.739	10.964	5.8915	0.0387	74.533	1.502	56.310	20.503	610.250	479.540	0.000
29/10/2018	17:00:00	BIT	0.0000	2.5204	5.768	8.276	5.7846	0.0411	73.033	1.411	55.427	20.451	610.160	248.990	0.000
29/10/2018	18:00:00	BIT	0.0000	3.5799	10.914	14.474	5.7967	0.0363	79.611	2.452	59.693	19.553	610.220	73.420	0.000
29/10/2018	19:00:00	BIT	0.0000	2.8291	13.912	16.750	6.0145	0.0410	94.156	2.807	68.194	17.744	610.470	3.028	0.000
29/10/2018	20:00:00	BIT	0.0000	4.4330	19.323	23.779	5.9263	0.0348	104.770	1.935	71.348	17.203	610.840	2.289	0.000
29/10/2018	21:00:00	BIT	0.0000	11.6370	23.357	35.041	5.7214	0.0307	128.050	1.799	81.341	16.450	611.230	2.305	0.000
29/10/2018	22:00:00	BIT	0.0000	9.3464	23.119	32.479	5.6815	0.0390	113.180	1.767	82.747	15.875	611.410	2.302	0.000
29/10/2018	23:00:00	BIT	0.0000	20.6350	23.188	43.807	5.8720	0.0332	93.877	0.868	87.399	15.233	611.380	2.362	0.000

PROMEDIO 24 HORAS	#¡DIV/0!	0.07233	5.2136	12.855	18.071	5.86	0.0370
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	30/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS							
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia	
30/10/2018	00:00:00	BIT	0.0000	27.7890	22.309	50.068	5.9036	0.0555	85.946	0.479	94.585	14.576	611.260	2.239	0.000	
30/10/2018	01:00:00	BIT	1.9907	29.0190	19.404	48.399	5.9513	0.0598	221.500	0.143	96.730	13.975	611.070	2.271	0.000	
30/10/2018	02:00:00	BIT	2.0661	27.3850	15.189	42.393	6.5122	0.0783	327.310	0.518	99.468	12.864	610.800	2.290	0.000	
30/10/2018	03:00:00	BIT	2.0049	11.4400	15.279	26.727	5.9578	0.0759	288.420	0.485	100.000	12.234	610.470	2.175	0.000	
30/10/2018	04:00:00	BIT	1.9339	9.9845	16.519	26.477	AE	0.0600	297.230	0.917	100.000	11.576	610.230	2.245	0.000	
30/10/2018	05:00:00	BIT	1.9305	3.1689	15.473	18.635	5.8924	0.0389	317.240	0.050	100.000	11.489	610.250	2.365	0.000	
30/10/2018	06:00:00	BIT	1.9316	1.3910	14.939	16.332	5.8637	0.0316	300.620	0.842	100.000	11.414	610.230	2.290	0.000	
30/10/2018	07:00:00	BIT	1.7368	19.8550	14.212	34.004	5.8786	0.0289	300.400	0.288	100.000	11.136	610.470	3.612	0.000	
30/10/2018	08:00:00	BIT	2.8015	48.3480	13.272	61.569	6.2418	0.0423	303.660	0.814	100.000	11.456	610.680	87.042	0.000	
30/10/2018	09:00:00	BIT	2.1540	15.5980	10.612	26.162	7.3335	0.0719	282.500	0.921	90.113	13.707	610.860	353.350	0.000	
30/10/2018	10:00:00	BIT	2.0808	9.8340	11.280	21.094	AE	0.0473	153.370	0.480	71.894	16.462	611.010	519.550	0.000	
30/10/2018	11:00:00		11.957	2.5179	CAL	CAL	CAL	AE	0.0419	136.250	0.929	63.251	18.338	610.960	676.210	0.000
30/10/2018	12:00:00		35.387	CAL	7.4385	19.051	26.480	8.0676	0.0630	118.070	1.007	52.852	20.496	610.510	791.450	0.000
30/10/2018	13:00:00		42.805	2.8407	2.4215	9.957	12.371	8.1850	0.0578	195.310	1.078	43.347	22.585	609.680	819.100	0.000
30/10/2018	14:00:00		37.125	2.5135	1.0735	4.687	5.761	7.7783	0.0472	186.050	1.173	33.771	24.210	608.750	765.800	0.000
30/10/2018	15:00:00		31.409	2.4747	0.9905	4.650	5.635	7.2558	0.0346	224.770	1.480	32.615	24.325	608.090	282.690	0.000
30/10/2018	16:00:00		30.031	2.4720	1.0479	6.070	7.127	7.3559	0.0288	158.740	0.960	31.338	24.692	607.720	224.890	0.000
30/10/2018	17:00:00		28.455	2.5847	1.4316	9.378	10.804	7.2990	0.0293	65.922	1.964	33.304	24.302	607.610	135.660	0.000
30/10/2018	18:00:00		21.742	2.7227	2.5549	16.725	19.269	7.3646	0.0358	55.709	1.731	36.473	23.231	607.790	47.876	0.000
30/10/2018	19:00:00		7.313	3.2224	10.5680	34.833	45.362	7.6790	0.0561	74.018	1.353	39.421	21.598	608.070	3.639	0.000
30/10/2018	20:00:00		2.621	3.3353	15.5470	41.546	57.106	8.5829	0.0912	122.190	1.521	44.869	21.076	608.560	2.384	0.000
30/10/2018	21:00:00		2.396	3.6445	39.6370	41.766	81.317	8.1555	0.0706	141.430	1.089	51.518	20.275	608.930	2.302	0.000
30/10/2018	22:00:00		1.465	3.8297	60.8660	38.941	99.640	8.6149	0.1002	181.320	0.392	53.163	18.973	609.030	2.363	0.000
30/10/2018	23:00:00		1.665	3.7604	82.2630	34.372	116.710	8.6802	0.0796	242.950	0.114	55.253	17.645	609.180	2.356	0.000

PROMEDIO 24 HORAS	19.567	2.45867	18.6805	18.716	37.367	7.17	0.0553
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	31/10/2018

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
31/10/2018	00:00:00	1.424	4.3187	112.2300	31.942	144.340	9.1463	0.1787	184.240	0.117	60.002	16.664	609.390	2.216	0.000
31/10/2018	01:00:00	1.325	2.5588	82.9790	30.761	113.940	8.7585	0.1517	111.020	0.290	62.970	16.147	609.210	2.250	0.000
31/10/2018	02:00:00	6.056	1.1365	9.0755	23.188	32.450	7.4059	0.1161	262.510	0.360	60.665	16.451	608.990	2.205	0.000
31/10/2018	03:00:00	1.193	1.2898	25.9540	25.753	51.736	7.5876	0.0493	227.610	0.378	71.727	15.092	608.870	2.220	0.000
31/10/2018	04:00:00	0.994	1.2215	25.5390	24.427	50.016	7.4555	0.0985	67.239	0.199	78.875	14.756	608.690	2.218	0.000
31/10/2018	05:00:00	1.231	1.1142	29.6510	20.926	50.600	7.3758	0.0906	192.600	0.530	92.851	14.262	608.740	2.123	0.000
31/10/2018	06:00:00	1.789	0.9148	22.8940	21.895	44.880	7.0417	0.0730	242.380	0.313	86.717	13.555	608.780	2.194	0.000
31/10/2018	07:00:00	1.247	1.3283	65.0260	24.084	89.173	7.3829	0.0734	122.160	0.133	80.252	13.577	609.010	4.063	0.000
31/10/2018	08:00:00	1.427	2.1886	94.1350	25.846	120.170	8.2433	0.1362	201.340	0.424	83.069	13.864	609.240	60.124	0.000
31/10/2018	09:00:00	2.887	2.1028	85.8960	35.141	120.970	8.4633	0.2106	100.190	0.288	76.664	15.318	609.550	198.970	0.000
31/10/2018	10:00:00	7.194	1.9580	48.4800	40.288	88.777	8.5640	0.2399	140.400	0.443	65.394	18.017	609.780	361.440	0.000
31/10/2018	11:00:00	20.616	1.4135	22.3360	37.921	60.153	9.0085	0.2042	117.200	0.990	50.366	21.704	609.550	703.790	0.000
31/10/2018	12:00:00	32.568	0.6883	3.5849	11.829	15.356	9.3172	0.1233	235.070	1.389	38.957	23.234	608.930	690.230	0.000
31/10/2018	13:00:00	26.745	0.7059	2.1367	6.135	8.273	7.1592	0.0619	231.770	2.404	33.806	24.116	608.190	470.420	0.000
31/10/2018	14:00:00	24.634	0.8168	2.5959	6.460	9.068	6.7089	0.0305	250.420	3.604	29.946	25.139	607.560	647.090	0.000
31/10/2018	15:00:00	24.979	0.7431	2.6657	6.012	8.679	6.5928	0.0342	252.950	3.853	26.730	25.602	607.310	554.500	0.000
31/10/2018	16:00:00	26.831	0.8338	2.0679	5.975	8.043	6.8747	0.0313	266.280	3.911	27.370	25.352	607.060	369.660	0.000
31/10/2018	17:00:00	25.643	0.7992	2.7285	9.095	11.805	6.3243	0.0277	251.500	3.202	27.595	24.660	607.100	162.610	0.000
31/10/2018	18:00:00	27.138	0.9205	1.7252	10.187	11.940	8.1952	0.0257	273.110	2.761	30.440	23.872	607.330	60.112	0.000
31/10/2018	19:00:00	19.063	1.1982	1.7608	16.881	18.681	7.1730	0.0198	279.250	2.263	33.204	22.816	607.740	3.034	0.000
31/10/2018	20:00:00	12.436	1.3153	4.3564	23.287	27.624	6.0792	0.0304	283.480	1.597	34.236	21.812	608.140	2.268	0.000
31/10/2018	21:00:00	6.902	1.5628	7.2537	26.663	33.989	5.9294	0.0404	272.650	1.000	39.075	20.283	608.520	2.248	0.000
31/10/2018	22:00:00	6.692	1.3047	7.5259	24.874	32.252	5.9511	0.0422	196.160	1.070	42.908	19.859	608.770	2.318	0.000
31/10/2018	23:00:00	6.529	1.1712	6.6445	23.927	30.516	5.9248	0.0308	174.610	0.895	46.506	19.051	608.720	2.333	0.000

PROMEDIO 24 HORAS	11.981	1.40022	27.8851	21.396	49.310	7.44	0.0883
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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