

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
01/09/2019	00:00:00	16.900	0.3734	0.5361	12.581	13.100	2.5027	0.0610	69.191	2.301	53.361	19.751	610.550	2.056	0.000
01/09/2019	01:00:00	AE	0.4082	0.7257	12.485	13.211	3.1592	0.0577	57.630	1.321	54.049	18.629	610.710	2.051	0.000
01/09/2019	02:00:00	13.082	0.3892	AE	AE	AE	2.0635	0.0429	62.216	1.633	56.422	17.994	610.690	2.043	0.000
01/09/2019	03:00:00	15.335	10.2830	0.2518	6.100	6.359	1.2864	0.0413	83.761	2.311	66.420	17.291	610.690	1.988	0.000
01/09/2019	04:00:00	12.582	0.3766	0.1219	8.467	8.586	AE	0.0512	130.820	1.491	68.885	17.294	610.480	1.918	0.000
01/09/2019	05:00:00	9.474	0.3277	0.7316	14.931	15.630	1.0185	0.0454	179.380	0.312	64.944	17.037	610.230	1.995	0.000
01/09/2019	06:00:00	4.635	0.3858	1.6259	17.475	19.115	0.7498	0.0431	187.770	0.713	79.371	15.794	610.290	1.966	0.000
01/09/2019	07:00:00	2.440	0.4062	2.3318	20.127	22.508	0.8203	0.0924	270.500	0.434	79.136	15.509	610.270	1.961	0.000
01/09/2019	08:00:00	2.970	0.5330	5.8976	20.640	26.434	0.8911	0.0651	316.910	0.408	79.159	15.347	610.470	19.920	0.000
01/09/2019	09:00:00	7.382	0.4358	5.2683	12.811	18.116	0.7731	0.0664	277.940	0.601	78.784	16.440	610.940	187.550	0.000
01/09/2019	10:00:00	12.679	0.3946	5.1727	10.254	15.431	2.2129	0.0527	222.610	0.491	68.178	18.566	611.000	414.720	0.000
01/09/2019	11:00:00	17.584	0.3962	4.9280	11.148	16.081	1.8524	0.0535	102.440	1.403	58.123	20.257	611.050	615.330	0.000
01/09/2019	12:00:00	21.260	0.3007	3.0374	6.871	9.917	1.0266	0.0618	95.354	2.394	50.016	21.838	610.870	785.430	0.000
01/09/2019	13:00:00	23.647	0.2569	1.5494	4.731	6.286	0.9846	0.0455	108.590	1.972	47.118	23.125	610.490	895.030	0.000
01/09/2019	14:00:00	21.835	0.1971	0.8428	3.137	3.976	1.0115	0.0502	107.990	1.872	41.184	24.436	610.000	638.250	0.000
01/09/2019	15:00:00	19.572	0.1742	1.0049	2.772	3.785	0.1512	0.0398	76.031	2.831	35.369	25.511	609.570	727.210	0.000
01/09/2019	16:00:00	20.699	0.1360	0.9262	2.626	3.558	0.2577	0.0324	71.812	2.874	30.113	26.664	608.990	873.980	0.000
01/09/2019	17:00:00	19.868	0.1648	1.8418	3.187	4.998	0.4522	0.0340	76.931	3.801	30.857	26.550	608.540	685.470	0.000
01/09/2019	18:00:00	20.174	0.1476	1.1316	2.809	3.934	0.2007	0.0312	72.149	4.385	29.216	26.344	608.410	489.820	0.000
01/09/2019	19:00:00	19.304	0.1634	1.1290	3.583	4.717	0.3098	0.0262	97.194	4.713	30.664	25.651	608.470	267.650	0.000
01/09/2019	20:00:00	15.852	0.2256	0.9946	6.175	7.162	0.0228	0.0256	87.869	4.704	37.040	24.293	608.700	25.503	0.000
01/09/2019	21:00:00	12.006	0.2765	1.1677	8.762	9.928	0.1208	0.0321	92.571	4.698	44.083	22.769	609.180	2.324	0.000
01/09/2019	22:00:00	12.182	0.2546	0.9466	8.188	9.117	0.2823	0.0365	107.220	4.409	49.071	21.684	609.720	2.085	0.000
01/09/2019	23:00:00	13.811	0.2503	0.6907	7.573	8.267	0.6453	0.0283	92.972	4.342	58.286	20.621	610.420	2.031	0.000

PROMEDIO 24 HORAS	14.577	0.71905	1.8632	9.019	10.879	0.99	0.0465
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	02/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
02/09/2019	00:00:00	15.041	0.2320	0.3686	6.150	6.516	1.0906	0.0468	86.335	3.268	67.422	19.573	610.810	2.013	0.000
02/09/2019	01:00:00	15.211	0.1728	0.2158	4.324	4.544	0.9080	0.0515	80.255	3.375	71.402	18.851	610.690	2.016	0.000
02/09/2019	02:00:00	15.731	0.2063	0.2807	3.165	3.446	0.0000	0.0306	73.337	3.107	73.875	18.315	610.570	2.029	0.000
02/09/2019	03:00:00	15.929	0.2423	0.1100	2.338	2.448	0.0000	0.0266	94.930	2.599	76.498	18.126	610.370	1.927	0.000
02/09/2019	04:00:00	14.121	0.2543	0.1171	4.108	4.211	0.0000	0.0224	90.618	1.772	75.547	18.112	610.210	1.907	0.000
02/09/2019	05:00:00	10.645	0.2831	0.5013	7.751	8.246	0.0000	0.0253	40.971	0.925	85.331	17.308	610.210	1.894	0.000
02/09/2019	06:00:00	7.642	0.3362	1.7385	12.317	14.070	0.0000	0.0425	34.428	0.939	92.431	16.757	610.280	1.990	0.000
02/09/2019	07:00:00	5.233	0.4746	3.5784	19.200	22.750	0.0000	0.0646	78.875	1.028	91.448	17.193	610.200	1.992	0.000
02/09/2019	08:00:00	1.214	1.4044	43.8400	26.387	70.755	0.0000	0.0621	120.460	0.806	91.439	17.002	610.330	18.963	0.000
02/09/2019	09:00:00	3.555	1.0156	23.0160	20.463	43.640	0.0000	0.1032	231.190	1.247	92.679	16.892	610.610	136.280	0.000
02/09/2019	10:00:00	11.055	0.5412	8.0646	11.487	19.533	0.0000	0.0804	105.850	0.864	72.726	19.052	610.890	424.730	0.000
02/09/2019	11:00:00	16.272	0.4243	4.1037	8.455	12.538	0.0000	0.0624	229.310	0.890	64.420	20.041	610.830	446.730	0.000
02/09/2019	12:00:00	21.239	0.3355	2.0461	4.883	6.945	0.0000	0.0455	111.220	1.429	54.173	22.415	610.560	817.640	0.000
02/09/2019	13:00:00	23.843	0.3775	1.4839	4.406	5.888	0.0000	0.0505	131.260	1.534	49.758	23.404	610.230	799.290	0.000
02/09/2019	14:00:00	23.491	0.3166	1.4363	3.797	5.226	0.0000	0.0496	141.490	1.450	43.379	24.982	609.600	981.320	0.000
02/09/2019	15:00:00	21.964	0.2896	1.8328	4.435	6.240	0.0000	0.0506	104.010	2.137	40.483	25.719	608.920	609.230	0.000
02/09/2019	16:00:00	23.569	0.2521	1.5334	3.769	5.303	0.0000	0.0403	80.022	2.251	36.618	26.913	608.290	772.860	0.000
02/09/2019	17:00:00	21.850	0.2629	1.6279	4.794	6.410	0.0000	0.0353	88.708	2.951	34.400	27.464	607.460	552.320	0.000
02/09/2019	18:00:00	20.723	0.2868	2.2357	5.230	7.463	0.0000	0.0379	63.572	4.887	42.604	25.312	607.390	139.830	0.000
02/09/2019	19:00:00	18.541	0.2978	1.6875	5.316	7.001	0.0000	0.0741	62.433	4.893	46.690	23.732	607.830	39.235	0.000
02/09/2019	20:00:00	16.897	0.3134	1.0245	6.705	7.737	0.0000	0.0374	87.898	4.580	46.337	22.420	608.450	17.159	0.000
02/09/2019	21:00:00	16.982	0.3430	0.9829	8.508	9.500	0.0000	0.0329	99.994	5.002	44.648	21.914	608.920	2.259	0.000
02/09/2019	22:00:00	18.125	0.3298	0.5923	9.099	9.691	0.0000	0.0359	108.880	4.434	46.376	21.162	609.460	2.184	0.000
02/09/2019	23:00:00	18.653	0.3269	0.5999	7.578	8.175	0.0000	0.0252	103.110	4.349	51.537	20.324	609.980	2.124	0.000

PROMEDIO 24 HORAS	15.730	0.38828	4.2924	8.111	12.428	0.08	0.0472
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	03/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
03/09/2019	00:00:00	17.670	0.3403	0.3908	8.863	9.245	0.0000	0.0309	128.220	2.674	53.971	19.915	610.190	2.077	0.000
03/09/2019	01:00:00	17.053	0.3233	0.2025	9.813	10.020	0.0000	0.0293	112.050	2.577	60.256	19.245	610.040	1.920	0.000
03/09/2019	02:00:00	19.091	0.2677	0.1792	5.663	5.873	0.0487	0.0401	136.940	1.533	65.140	18.853	609.760	2.060	0.000
03/09/2019	03:00:00	15.931	0.2598	0.1882	8.095	8.257	0.3372	0.0327	102.810	0.832	69.558	18.280	609.650	1.987	0.000
03/09/2019	04:00:00	10.933	0.2714	0.5033	11.041	11.557	1.1747	0.0364	54.525	0.573	75.602	17.414	609.390	2.013	0.000
03/09/2019	05:00:00	6.948	0.3019	0.7182	15.304	15.983	1.0012	0.0418	201.130	0.826	86.772	16.514	609.150	2.042	0.000
03/09/2019	06:00:00	7.478	0.2540	0.6701	15.041	15.726	0.8317	0.0662	265.530	1.008	88.777	16.328	608.990	1.966	0.000
03/09/2019	07:00:00	4.421	0.5891	18.0920	19.664	37.386	0.8434	0.0329	276.400	0.146	85.147	16.198	609.120	2.028	0.000
03/09/2019	08:00:00	0.401	1.3465	49.2400	25.154	74.487	1.2934	0.0474	191.150	0.651	91.674	15.450	609.330	15.167	0.000
03/09/2019	09:00:00	3.764	0.8654	25.0820	20.990	46.114	1.7890	0.1473	306.140	0.709	84.843	16.256	609.380	194.520	0.000
03/09/2019	10:00:00	12.513	0.4939	7.3652	12.613	19.949	2.4936	0.0548	296.820	0.594	71.685	18.201	609.430	398.070	0.000
03/09/2019	11:00:00	20.093	0.3589	3.2629	7.741	10.968	1.8877	0.0419	211.510	0.640	60.968	20.220	609.360	572.860	0.000
03/09/2019	12:00:00	23.110	0.2456	1.2664	3.705	4.974	1.0551	0.0372	117.710	1.313	53.895	21.835	609.300	681.390	0.000
03/09/2019	13:00:00	21.729	0.2730	0.9365	3.436	4.395	0.6004	0.0349	255.800	1.577	49.349	22.351	608.920	475.790	0.000
03/09/2019	14:00:00	22.113	0.2635	1.2185	3.606	4.828	0.4845	0.0342	193.020	1.648	42.517	24.025	608.340	667.440	0.000
03/09/2019	15:00:00	22.663	0.2105	1.0042	2.721	3.727	0.5006	0.0296	89.658	1.958	39.230	25.040	607.600	567.790	0.000
03/09/2019	16:00:00	23.233	0.1868	0.7745	2.683	3.459	0.1112	0.0351	120.530	1.897	37.789	25.846	607.010	524.820	0.000
03/09/2019	17:00:00	23.767	0.1914	0.9751	4.019	4.976	0.4706	0.0312	61.851	2.016	36.864	25.715	606.710	313.550	0.000
03/09/2019	18:00:00	21.861	0.2061	1.1592	5.129	6.264	0.6405	0.0300	55.044	1.897	34.910	25.753	606.550	186.660	0.000
03/09/2019	19:00:00	21.919	0.1964	1.2421	5.175	6.415	0.6717	0.0383	72.967	1.712	31.242	26.298	606.460	216.280	0.000
03/09/2019	20:00:00	20.860	0.2249	0.9526	6.254	7.217	0.7143	0.0258	70.796	2.421	36.322	25.137	606.430	47.490	0.000
03/09/2019	21:00:00	16.293	0.3352	0.9494	8.999	9.965	0.8243	0.0463	99.224	4.689	56.568	22.035	606.870	2.289	0.000
03/09/2019	22:00:00	13.766	0.3182	0.7872	12.266	13.046	0.9738	0.0554	109.240	3.628	60.348	21.073	607.640	2.073	0.000
03/09/2019	23:00:00	15.009	0.2644	0.4785	8.806	9.257	0.7354	0.0353	90.731	3.621	65.177	20.044	608.090	2.088	0.000

PROMEDIO 24 HORAS	15.942	0.35784	4.9016	9.449	14.337	0.81	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, 1993)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1993)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	04/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
04/09/2019	00:00:00	14.465	0.2380	0.4009	6.832	7.220	0.5623	0.0359	80.793	2.610	70.495	19.050	608.240	2.029	0.000
04/09/2019	01:00:00	12.034	0.2461	0.5964	8.325	8.935	0.6674	0.0330	40.832	0.772	74.282	18.321	608.230	1.992	0.000
04/09/2019	02:00:00	9.468	0.3305	0.4799	9.871	10.330	0.1276	0.0362	277.110	0.643	78.198	17.904	608.190	1.983	0.000
04/09/2019	03:00:00	8.450	0.3123	0.2370	11.003	11.299	0.0000	0.0411	314.800	1.313	80.520	17.656	608.260	2.031	0.000
04/09/2019	04:00:00	2.486	0.3331	1.5066	19.041	20.565	0.0000	0.0426	312.540	0.889	84.262	17.136	607.850	1.962	0.000
04/09/2019	05:00:00	4.475	0.3135	1.1358	13.642	14.787	0.0000	0.0543	312.900	0.700	88.301	16.723	607.890	2.008	0.000
04/09/2019	06:00:00	5.690	0.3215	1.0535	13.057	14.092	0.0000	0.0381	291.620	0.816	89.355	16.683	607.980	1.969	0.000
04/09/2019	07:00:00	5.356	0.4576	2.4159	15.826	18.270	0.0000	0.0354	267.270	0.806	86.966	17.180	608.160	1.991	0.000
04/09/2019	08:00:00	1.427	0.9346	15.1600	23.835	39.023	0.0000	0.0281	264.480	1.132	81.836	17.344	608.490	9.424	0.000
04/09/2019	09:00:00	3.327	0.8753	13.1340	22.666	35.789	0.0000	0.0404	304.660	0.334	72.344	17.949	608.670	63.712	0.000
04/09/2019	10:00:00	11.102	0.6160	4.8817	13.813	18.754	0.0000	0.0347	86.919	0.608	66.514	18.750	608.980	179.440	0.000
04/09/2019	11:00:00	17.002	0.3846	2.0009	5.506	7.509	0.0000	0.0578	160.580	1.271	62.802	19.441	609.230	403.250	0.000
04/09/2019	12:00:00	19.839	0.3562	1.6142	4.961	6.571	0.0000	0.0333	255.630	1.011	57.120	20.918	609.160	425.220	0.000
04/09/2019	13:00:00	19.185	0.3611	1.3559	3.617	4.928	0.0000	0.0341	303.300	3.043	49.073	22.933	608.790	741.560	0.000
04/09/2019	14:00:00	18.521	0.3565	2.9329	5.216	8.154	0.0000	0.0241	305.060	3.404	45.787	23.849	608.470	854.070	0.000
04/09/2019	15:00:00	19.783	0.3210	1.4605	3.339	4.796	0.0000	0.0235	294.390	3.342	43.111	24.693	608.020	805.820	0.000
04/09/2019	16:00:00	19.464	0.3124	1.6919	3.603	5.282	0.0000	0.0240	300.170	3.529	38.438	25.585	607.560	762.250	0.000
04/09/2019	17:00:00	18.830	0.2810	1.8766	4.090	5.953	0.0000	0.0265	264.290	4.077	38.306	25.622	607.270	573.550	0.000
04/09/2019	18:00:00	17.936	0.3217	1.9850	5.534	7.520	0.0000	0.0265	267.400	3.720	39.671	25.002	607.210	269.760	0.000
04/09/2019	19:00:00	17.416	0.2855	1.9979	3.915	5.898	0.0000	0.0146	207.260	4.193	42.288	24.222	607.360	232.550	0.000
04/09/2019	20:00:00	16.151	0.3161	1.4129	4.635	6.048	0.0000	0.0133	152.130	4.044	49.218	22.571	607.900	40.178	0.000
04/09/2019	21:00:00	14.569	0.3639	1.4468	6.112	7.565	0.0000	0.0285	101.870	3.117	55.484	20.980	608.670	2.196	0.000
04/09/2019	22:00:00	14.080	0.3461	1.1785	5.625	6.799	0.0000	0.0303	235.050	2.887	57.361	20.365	609.440	2.088	0.000
04/09/2019	23:00:00	13.827	0.3275	0.8194	4.808	5.625	0.0000	0.0226	140.850	2.672	62.634	19.493	610.050	2.090	0.000

PROMEDIO 24 HORAS	<b>12.703</b>	<b>0.38800</b>	<b>2.6156</b>	<b>9.120</b>	<b>11.738</b>	<b>0.06</b>	<b>0.0324</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	05/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
05/09/2019	00:00:00	13.500	0.3156	0.5766	4.436	5.011	0.0000	0.0241	222.810	1.791	67.198	18.662	610.210	2.075	0.000
05/09/2019	01:00:00	13.093	0.3041	0.4215	4.344	4.764	0.0000	0.0125	206.850	1.344	70.553	17.989	610.280	2.042	0.000
05/09/2019	02:00:00	13.159	0.2772	0.1495	3.219	3.366	0.0000	0.0124	304.780	1.700	75.076	17.491	610.430	2.025	0.000
05/09/2019	03:00:00	12.111	0.2649	0.2430	3.126	3.368	0.3356	0.0114	106.200	0.801	76.828	17.361	610.310	2.026	0.000
05/09/2019	04:00:00	10.233	0.2735	0.2501	4.143	4.399	0.3725	0.0092	46.391	1.050	79.284	17.161	610.250	2.016	0.000
05/09/2019	05:00:00	9.736	0.2646	0.3148	5.037	5.348	0.2782	0.0200	150.370	1.290	81.954	16.992	610.250	1.981	0.000
05/09/2019	06:00:00	10.399	0.2689	0.3563	4.819	5.173	0.2947	0.0160	276.250	1.205	80.545	16.911	610.480	2.024	0.000
05/09/2019	07:00:00	6.215	0.3786	2.2890	12.487	14.754	0.4765	0.0081	254.320	1.272	77.095	17.055	610.520	2.123	0.000
05/09/2019	08:00:00	4.081	0.6421	6.8501	16.514	23.390	0.3309	0.0188	134.020	1.620	78.793	16.676	610.840	4.407	0.000
05/09/2019	09:00:00	4.870	0.6521	7.2486	14.662	21.907	0.6680	0.0427	70.813	0.797	78.785	16.807	611.420	55.685	0.000
05/09/2019	10:00:00	9.422	0.4717	3.7359	7.765	11.526	0.6775	0.0604	33.999	0.550	73.119	17.695	611.730	175.130	0.000
05/09/2019	11:00:00	11.479	0.4306	3.6266	6.464	10.113	0.6138	0.0657	126.460	1.118	67.967	18.785	612.080	381.440	0.000
05/09/2019	12:00:00	13.608	0.3754	2.5331	4.750	7.282	0.7237	0.0497	179.430	1.268	64.971	19.688	612.040	323.350	0.000
05/09/2019	13:00:00	18.431	0.3467	1.6522	3.955	5.605	0.7058	0.0383	155.750	1.720	57.507	22.123	611.700	710.530	0.000
05/09/2019	14:00:00	23.867	0.4234	1.9437	7.596	9.545	0.6047	0.0386	102.790	1.882	53.895	23.342	611.240	507.540	0.000
05/09/2019	15:00:00	27.622	0.3791	2.2244	7.777	10.006	1.2347	0.0450	94.062	2.312	48.663	25.074	610.720	830.470	0.000
05/09/2019	16:00:00	32.277	0.3113	1.2354	5.607	6.839	1.0162	0.0471	119.750	2.268	44.016	26.032	610.020	650.820	0.000
05/09/2019	17:00:00	23.374	0.3200	1.0710	6.448	7.526	0.8618	0.0445	90.295	3.412	47.473	25.223	609.590	209.900	0.000
05/09/2019	18:00:00	22.662	0.3782	1.2878	10.913	12.195	0.8925	0.0319	128.190	3.283	50.221	24.860	609.410	145.770	0.000
05/09/2019	19:00:00	23.337	0.3589	0.9833	8.630	9.580	0.5539	0.0402	80.315	4.149	49.359	24.182	609.500	33.127	0.000
05/09/2019	20:00:00	22.198	0.4268	0.8638	10.680	11.546	0.7601	0.0316	83.383	3.769	53.625	23.459	610.010	11.384	0.000
05/09/2019	21:00:00	21.582	0.3933	0.6056	6.821	7.445	0.2614	0.0530	77.242	4.144	68.585	21.347	610.690	2.277	0.000
05/09/2019	22:00:00	16.827	0.4090	0.7467	9.832	10.605	0.2849	0.0478	91.767	3.222	69.832	20.795	611.330	2.194	0.000
05/09/2019	23:00:00	16.468	0.3762	0.5501	9.206	9.770	0.2283	0.0290	78.651	2.795	71.728	20.297	611.710	2.173	0.000

PROMEDIO 24 HORAS	15.856	0.37675	1.7400	7.468	9.211	0.51	0.0332
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	06/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
06/09/2019	00:00:00	17.050	0.3557	0.4765	7.282	7.755	0.4650	0.0328	72.791	2.694	76.806	19.541	612.000	2.079	0.000
06/09/2019	01:00:00	19.236	0.2953	0.2830	5.489	5.788	0.9675	0.0267	87.597	2.827	75.678	19.026	611.980	1.986	0.000
06/09/2019	02:00:00	19.336	0.2817	0.2260	5.051	5.266	0.4925	0.0241	87.354	2.176	75.921	18.691	611.830	1.952	0.000
06/09/2019	03:00:00	16.605	0.2905	0.1341	6.203	6.341	1.0431	0.0283	94.872	0.920	86.716	17.949	611.640	1.974	0.000
06/09/2019	04:00:00	15.018	0.2831	0.2736	6.867	7.134	0.8469	0.0379	21.210	0.664	93.655	17.346	611.420	2.055	0.000
06/09/2019	05:00:00	14.736	0.2899	0.4278	6.874	7.302	0.6928	0.0404	46.158	0.781	93.820	17.283	611.390	1.975	0.000
06/09/2019	06:00:00	12.019	0.3505	0.5631	12.739	13.300	0.5687	0.0300	239.500	0.593	94.367	17.157	611.420	2.012	0.000
06/09/2019	07:00:00	8.633	0.4422	1.2151	18.380	19.573	0.6110	0.0439	100.610	0.795	95.002	17.096	611.510	2.140	0.000
06/09/2019	08:00:00	4.422	0.7865	7.7238	27.421	35.153	0.8008	0.0535	37.140	0.201	94.625	17.126	611.490	15.065	0.000
06/09/2019	09:00:00	8.745	0.7934	10.0720	21.751	31.786	1.0019	0.0718	66.573	0.600	86.576	17.811	611.580	127.550	0.000
06/09/2019	10:00:00	18.725	0.5496	3.3999	9.529	12.915	0.6260	0.0513	58.667	1.055	70.312	19.460	611.850	363.070	0.000
06/09/2019	11:00:00	21.245	0.4132	2.9071	8.321	11.231	0.6284	0.0479	92.392	1.434	63.827	20.755	612.230	566.840	0.000
06/09/2019	12:00:00	25.717	0.3640	2.1169	6.197	8.311	0.7116	0.0446	86.044	1.698	53.220	22.837	612.240	698.480	0.000
06/09/2019	13:00:00	26.769	0.3033	1.4034	4.112	5.524	0.5765	0.0372	70.323	2.483	48.912	23.562	611.870	672.850	0.000
06/09/2019	14:00:00	26.156	0.3214	1.2332	3.733	4.971	0.3921	0.0344	86.225	3.060	46.325	24.235	611.280	743.990	0.000
06/09/2019	15:00:00	27.244	0.2841	1.1577	4.004	5.165	0.6210	0.0294	91.757	3.323	43.184	24.852	610.690	572.170	0.000
06/09/2019	16:00:00	25.060	0.2749	1.1517	4.264	5.429	0.6883	0.0290	93.071	3.749	39.688	25.245	610.170	571.020	0.000
06/09/2019	17:00:00	24.422	0.2659	1.1955	4.046	5.235	0.2613	0.0284	81.775	4.064	38.138	25.510	609.600	422.810	0.000
06/09/2019	18:00:00	22.119	0.2354	1.0938	3.873	4.972	0.3354	0.0368	80.702	4.989	30.992	25.631	609.490	459.010	0.000
06/09/2019	19:00:00	19.937	0.3053	1.6578	6.913	8.592	0.3935	0.0325	85.031	3.793	29.532	25.181	609.660	183.470	0.000
06/09/2019	20:00:00	18.502	0.3760	1.2239	8.578	9.814	0.6341	0.0204	75.014	3.259	40.322	23.539	609.790	25.258	0.000
06/09/2019	21:00:00	17.533	0.4094	0.7907	7.936	8.696	0.4034	0.0325	71.179	4.416	56.452	21.652	610.300	2.344	0.000
06/09/2019	22:00:00	14.782	0.3852	0.8346	6.700	7.541	0.2672	0.0644	77.910	3.919	64.767	20.005	611.020	2.165	0.000
06/09/2019	23:00:00	13.553	0.3403	0.9646	8.123	9.079	0.5504	0.0264	82.982	3.436	55.898	19.527	611.670	2.127	0.000

PROMEDIO 24 HORAS	<b>18.232</b>	<b>0.37486</b>	<b>1.7719</b>	<b>8.516</b>	<b>10.286</b>	<b>0.61</b>	<b>0.0377</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	07/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
07/09/2019	00:00:00	12.870	0.2724	0.6462	7.835	8.485	0.9023	0.0192	89.698	4.096	46.139	18.892	611.710	2.075	0.000
07/09/2019	01:00:00	13.034	0.2914	0.2575	6.764	7.011	1.2208	0.0259	91.751	2.933	52.837	18.044	611.860	2.042	0.000
07/09/2019	02:00:00	12.615	0.2586	0.1340	6.204	6.345	0.3844	0.0235	90.681	2.400	51.365	17.629	611.850	2.029	0.000
07/09/2019	03:00:00	13.600	0.2655	0.1200	6.400	6.524	0.1892	0.0225	78.617	1.709	67.601	16.458	611.580	2.079	0.000
07/09/2019	04:00:00	11.885	0.2643	0.2987	7.230	7.530	0.4755	0.0280	42.502	0.433	78.566	15.384	611.360	2.000	0.000
07/09/2019	05:00:00	8.886	0.3829	0.3599	9.691	10.066	0.5290	0.0399	27.148	0.355	88.282	14.851	611.210	2.114	0.000
07/09/2019	06:00:00	5.604	0.3754	2.1837	15.913	17.982	0.5451	0.0717	181.000	0.428	90.589	14.590	611.170	2.037	0.000
07/09/2019	07:00:00	0.459	0.5106	16.0430	21.750	37.767	0.3810	0.0584	312.200	0.639	89.802	13.898	611.410	2.039	0.000
07/09/2019	08:00:00	1.373	0.5775	8.1624	20.765	28.890	0.5037	0.0642	290.750	0.321	88.530	14.047	611.690	13.702	0.000
07/09/2019	09:00:00	2.355	0.8416	22.9830	21.561	44.355	0.6349	0.0500	302.920	0.771	84.802	14.767	611.940	96.456	0.000
07/09/2019	10:00:00	6.892	0.7093	12.6570	21.070	33.731	0.2231	0.0793	232.900	0.368	73.247	16.631	612.060	220.680	0.000
07/09/2019	11:00:00	16.985	0.5147	7.8254	15.448	23.292	0.3250	0.0802	99.089	2.144	59.993	19.129	611.920	617.740	0.000
07/09/2019	12:00:00	24.308	0.5011	6.1778	16.175	22.382	0.7019	0.0546	90.788	2.266	53.990	20.734	611.680	767.420	0.000
07/09/2019	13:00:00	28.837	0.3330	3.2517	9.373	12.634	0.8834	0.0686	107.130	2.011	48.921	22.242	611.250	889.530	0.000
07/09/2019	14:00:00	30.800	0.3148	1.5332	5.996	7.522	0.6031	0.0564	80.777	2.366	41.937	23.817	610.680	948.360	0.000
07/09/2019	15:00:00	31.842	0.1978	0.9865	4.735	5.723	0.5280	0.0447	129.770	1.607	32.805	25.320	610.050	951.340	0.000
07/09/2019	16:00:00	33.614	0.2229	0.7030	5.334	6.042	0.1143	0.0368	138.780	2.034	32.862	26.392	609.160	853.170	0.000
07/09/2019	17:00:00	26.789	0.1908	0.7894	3.731	4.517	0.0000	0.0547	91.150	2.248	36.132	26.420	608.560	530.430	0.000
07/09/2019	18:00:00	22.871	0.1931	0.8009	4.044	4.836	0.2734	0.0436	78.296	3.621	38.243	25.696	608.330	219.960	0.000
07/09/2019	19:00:00	22.545	0.1894	0.7417	4.731	5.470	0.1772	0.0139	76.731	4.304	39.458	24.599	608.460	68.889	0.000
07/09/2019	20:00:00	21.304	0.2244	0.7168	6.756	7.480	0.1514	0.0311	77.202	4.166	43.048	23.605	608.800	26.559	0.000
07/09/2019	21:00:00	18.998	0.2647	0.5462	8.147	8.709	0.0000	0.0348	92.835	4.771	51.721	22.208	609.420	2.221	0.000
07/09/2019	22:00:00	16.867	0.2871	0.6156	7.823	8.441	0.0000	0.0502	96.102	4.874	62.012	20.572	610.010	2.109	0.000
07/09/2019	23:00:00	17.056	0.2727	0.4905	7.799	8.290	0.0000	0.0470	95.929	4.320	66.133	19.695	610.470	2.316	0.000

PROMEDIO 24 HORAS	<b>16.766</b>	<b>0.35233</b>	<b>3.7093</b>	<b>10.220</b>	<b>13.918</b>	<b>0.41</b>	<b>0.0458</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	08/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
08/09/2019	00:00:00	16.058	0.2798	0.4147	9.840	10.257	0.0848	0.0369	93.586	3.159	68.340	19.047	610.840	2.353	0.000
08/09/2019	01:00:00	CAL	0.3863	0.4950	14.386	14.882	0.0000	0.0304	72.524	1.431	69.576	18.516	610.850	2.281	0.000
08/09/2019	02:00:00	14.983	0.3251	CAL	CAL	CAL	0.0000	0.0343	107.330	2.070	73.553	17.900	610.720	2.072	0.000
08/09/2019	03:00:00	16.037	10.3900	0.2552	9.695	9.950	0.1971	0.0291	134.390	2.070	72.719	18.052	610.570	2.127	0.000
08/09/2019	04:00:00	10.991	0.3616	0.3923	15.145	15.541	CAL	0.0253	81.316	1.134	79.157	17.289	610.590	2.075	0.000
08/09/2019	05:00:00	10.668	0.3074	0.5378	15.116	15.647	0.6826	0.0357	125.250	1.314	81.523	17.643	610.500	2.072	0.000
08/09/2019	06:00:00	12.129	0.2868	0.4761	13.505	13.963	0.6338	0.0305	85.508	1.454	80.431	17.717	610.440	2.131	0.000
08/09/2019	07:00:00	3.448	0.4610	2.3098	21.201	23.485	1.2904	0.0572	70.444	0.653	88.768	16.811	610.560	2.033	0.000
08/09/2019	08:00:00	1.216	0.6868	12.3500	25.933	38.367	0.6729	0.0807	183.980	0.867	92.690	16.278	610.570	20.112	0.000
08/09/2019	09:00:00	4.874	0.6797	14.6280	20.112	34.692	1.1832	0.0691	250.290	0.570	87.847	17.048	610.810	185.220	0.000
08/09/2019	10:00:00	14.227	0.4203	4.6456	11.360	15.998	1.8213	0.0576	153.470	0.696	76.204	18.606	610.930	402.020	0.000
08/09/2019	11:00:00	18.504	0.4762	5.7842	14.642	20.432	2.2160	0.0710	111.920	1.131	61.018	20.743	610.940	609.920	0.000
08/09/2019	12:00:00	27.080	0.3347	2.5544	7.343	9.920	0.9457	0.0505	104.160	1.512	50.385	22.367	610.730	779.660	0.000
08/09/2019	13:00:00	29.942	0.2465	1.2137	5.153	6.371	0.3751	0.0313	111.050	1.444	43.485	23.786	610.390	893.110	0.000
08/09/2019	14:00:00	31.297	0.2219	0.7564	3.872	4.617	0.8939	0.0367	164.280	1.363	37.358	25.335	609.820	950.650	0.000
08/09/2019	15:00:00	30.898	0.1668	0.7306	3.655	4.384	0.5261	0.0420	127.200	1.952	30.229	26.902	609.120	964.150	0.000
08/09/2019	16:00:00	27.947	0.1630	0.5827	3.386	3.968	0.3387	0.0413	96.099	2.406	34.399	26.652	608.320	512.480	0.000
08/09/2019	17:00:00	25.878	0.1689	0.8467	4.362	5.207	0.3039	0.0406	119.850	3.326	32.263	27.127	607.800	580.290	0.000
08/09/2019	18:00:00	22.755	0.1781	0.9142	5.012	5.931	0.1038	0.0276	106.790	2.815	34.424	26.149	607.580	142.660	0.000
08/09/2019	19:00:00	21.763	0.2103	0.7549	5.906	6.670	0.1806	DI	79.989	3.484	42.411	24.565	607.590	126.090	1.300
08/09/2019	20:00:00	19.773	0.2476	1.0307	7.895	8.934	0.0000	DI	79.789	3.336	46.455	23.107	607.890	36.293	0.000
08/09/2019	21:00:00	20.023	0.2354	0.4149	8.170	8.592	0.0615	DI	102.270	4.813	49.480	22.525	608.450	2.248	0.000
08/09/2019	22:00:00	19.310	0.2648	0.3930	7.758	8.135	0.0770	DI	98.767	4.855	62.725	20.505	609.060	2.226	0.000
08/09/2019	23:00:00	18.590	0.2469	0.2740	7.977	8.236	0.1310	DI	95.251	4.383	68.286	19.496	609.610	2.228	0.000

PROMEDIO 24 HORAS	18.191	0.73941	2.2937	10.497	12.790	0.55	0.0436
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	09/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	O3	CO	NO	NO2	NOX	SO2	PM10	DATOS METEOROLÓGICOS						
									WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
09/09/2019	00:00:00	19.068	0.2275	0.0262	6.770	6.796	0.3874	DI	90.193	3.638	70.882	18.792	610.050	2.205	0.000
09/09/2019	01:00:00	17.045	0.2168	0.1784	8.766	8.941	0.1093	DI	109.500	2.760	71.245	18.638	610.160	2.101	0.000
09/09/2019	02:00:00	17.474	0.2605	0.1334	8.216	8.358	0.3354	DI	112.720	2.126	71.655	18.330	610.200	2.122	0.000
09/09/2019	03:00:00	15.458	0.3166	0.1679	8.903	9.070	0.2446	DI	120.420	1.081	74.971	17.759	610.200	2.081	0.000
09/09/2019	04:00:00	11.303	0.3335	0.2908	11.645	11.932	0.1598	DI	41.100	0.691	84.834	16.973	610.180	2.001	0.000
09/09/2019	05:00:00	8.408	0.3847	0.8376	12.723	13.573	0.1217	DI	41.625	0.638	92.733	16.158	609.880	2.060	0.000
09/09/2019	06:00:00	2.230	0.4549	6.5893	22.431	29.016	0.0852	DI	68.829	0.827	96.649	15.768	610.000	2.116	0.000
09/09/2019	07:00:00	0.465	0.6038	14.9410	31.323	46.275	0.1832	DI	92.087	0.280	95.518	15.885	610.070	2.085	0.000
09/09/2019	08:00:00	0.878	1.7632	73.2380	28.904	101.980	0.6028	DI	199.110	0.205	93.955	15.821	610.250	20.007	0.000
09/09/2019	09:00:00	2.282	1.4177	39.8330	25.680	65.355	1.0491	DI	233.140	0.178	87.156	16.714	610.550	182.100	0.000
09/09/2019	10:00:00	5.754	1.3922	36.3410	36.095	72.391	0.9737	DI	117.950	0.634	71.813	18.888	610.680	398.890	0.000
09/09/2019	11:00:00	17.109	0.6825	10.5220	21.210	31.803	0.8094	DI	154.560	1.242	62.574	20.382	610.690	614.460	0.000
09/09/2019	12:00:00	25.311	0.5645	6.0633	17.572	23.622	1.6421	DI	123.850	1.133	54.995	22.459	610.440	762.340	0.000
09/09/2019	13:00:00	33.180	0.4716	2.9328	12.215	15.151	4.9330	DI	135.630	1.359	49.111	23.787	610.190	880.250	0.000
09/09/2019	14:00:00	34.986	0.4432	2.0439	10.448	12.525	7.9776	DI	153.160	1.516	41.522	25.488	609.720	936.200	0.000
09/09/2019	15:00:00	34.001	0.3771	1.7063	8.861	10.583	8.2567	DI	105.470	2.035	30.189	27.135	609.010	915.600	0.000
09/09/2019	16:00:00	29.928	0.2792	1.0261	4.983	6.015	3.2956	DI	114.280	2.932	30.954	27.586	608.210	786.060	0.000
09/09/2019	17:00:00	22.555	0.3471	2.4718	7.011	9.472	1.2504	DI	99.377	5.003	42.091	25.578	607.630	803.790	0.000
09/09/2019	18:00:00	21.113	0.4231	2.7899	8.651	11.445	0.7713	DI	156.820	4.995	56.318	22.609	607.660	322.750	0.100
09/09/2019	19:00:00	16.117	0.7019	3.4647	21.092	24.637	0.2918	DI	131.230	2.498	49.985	23.801	607.660	139.280	0.000
09/09/2019	20:00:00	17.285	0.4543	1.6571	15.109	16.755	0.4515	DI	96.099	3.946	39.150	24.296	607.810	31.542	0.000
09/09/2019	21:00:00	17.705	0.4464	0.9403	10.810	11.708	0.0271	DI	96.314	5.098	58.282	21.972	608.490	2.344	0.000
09/09/2019	22:00:00	17.984	0.4120	0.5059	9.542	10.044	0.0740	DI	106.550	4.365	64.073	20.643	609.310	2.137	0.000
09/09/2019	23:00:00	16.869	0.4095	0.4765	10.466	10.940	0.0000	DI	94.979	3.553	67.012	19.978	609.860	2.234	0.000

PROMEDIO 24 HORAS	16.854	0.55765	8.7157	14.976	23.683	1.42	#iDIV/0!
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	10/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
10/09/2019	00:00:00	18.830	0.3396	0.2543	5.627	5.862	0.2444	DI	75.798	3.283	69.776	19.017	610.410	2.105	0.000
10/09/2019	01:00:00	17.309	0.3474	0.2600	5.616	5.870	0.0611	DI	59.729	1.381	74.152	18.357	610.590	2.028	0.000
10/09/2019	02:00:00	14.522	0.3190	0.3374	8.345	8.654	0.0000	DI	61.142	1.155	76.011	18.075	610.600	1.958	0.000
10/09/2019	03:00:00	14.265	0.2869	0.3665	6.335	6.707	0.0000	DI	70.944	1.385	88.142	17.656	610.510	1.962	0.000
10/09/2019	04:00:00	10.708	0.3130	0.2866	13.415	13.659	0.0000	DI	90.235	1.167	82.937	17.738	610.320	1.971	0.000
10/09/2019	05:00:00	7.584	0.3411	0.4499	18.030	18.464	0.0000	DI	60.244	0.742	87.786	17.307	610.020	2.029	0.000
10/09/2019	06:00:00	3.848	0.4122	3.2586	20.709	24.001	0.0000	DI	56.348	0.451	93.262	16.615	609.970	2.008	0.000
10/09/2019	07:00:00	1.063	0.6631	14.6470	25.664	40.438	0.0000	DI	39.709	0.410	97.734	15.945	610.290	2.101	0.000
10/09/2019	08:00:00	0.252	1.1270	35.6830	27.962	63.594	0.6710	DI	177.230	0.541	97.313	16.055	610.570	7.378	0.000
10/09/2019	09:00:00	1.651	1.0816	25.7230	28.178	53.903	0.4494	DI	48.804	0.810	92.855	16.998	610.800	99.382	0.000
10/09/2019	10:00:00	10.145	0.6719	13.1460	20.423	33.439	0.5823	DI	133.320	1.193	73.909	19.328	611.010	401.120	0.000
10/09/2019	11:00:00	17.141	0.4809	5.6019	12.421	18.038	0.0524	DI	89.771	1.816	61.928	20.509	611.110	379.560	0.000
10/09/2019	12:00:00	AE	0.4246	1.6522	5.777	7.423	0.0000	DI	104.760	1.604	53.427	22.022	611.040	708.280	0.000
10/09/2019	13:00:00	AE	0.4299	1.3727	5.519	6.898	0.0000	DI	97.309	1.807	47.199	23.475	610.760	772.980	0.000
10/09/2019	14:00:00	30.114	0.3579	1.1393	4.843	5.979	0.0000	0.1474	98.186	2.102	45.298	24.159	610.250	652.580	0.000
10/09/2019	15:00:00	27.657	0.2787	1.0932	3.502	4.597	0.0000	0.0290	94.360	2.754	41.344	25.455	609.730	843.760	0.000
10/09/2019	16:00:00	27.100	0.2506	0.9007	2.922	3.820	0.0000	0.0167	71.178	2.906	39.795	25.902	609.200	589.430	0.000
10/09/2019	17:00:00	25.812	0.2480	1.1119	3.276	4.388	0.0000	0.0238	78.380	3.939	38.427	26.082	608.660	565.140	0.000
10/09/2019	18:00:00	26.449	0.2451	0.9862	3.318	4.300	0.0000	0.0247	73.352	3.780	38.058	25.985	608.340	391.300	0.000
10/09/2019	19:00:00	25.270	0.3149	1.2965	6.100	7.423	0.0000	0.0326	76.823	4.452	38.756	25.036	608.420	135.500	0.000
10/09/2019	20:00:00	21.276	0.3658	1.4342	7.734	9.175	0.0000	0.0207	84.692	4.950	48.436	23.487	608.830	24.199	0.000
10/09/2019	21:00:00	19.069	0.3916	0.8823	8.405	9.262	0.0000	0.0471	92.857	4.826	61.785	21.412	609.380	2.301	0.000
10/09/2019	22:00:00	17.696	0.3678	0.6036	8.761	9.350	0.0000	0.0666	102.210	4.243	67.756	20.221	610.020	2.195	0.000
10/09/2019	23:00:00	17.827	0.3435	0.6343	7.699	8.336	0.0000	0.0380	99.063	4.059	71.098	19.535	610.750	2.218	0.000

PROMEDIO 24 HORAS	16.163	0.43342	4.7134	10.858	15.566	0.09	0.0447
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	11/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
11/09/2019	00:00:00	17.463	0.3252	0.3584	6.968	7.337	0.0000	0.0287	93.183	3.481	70.855	19.247	611.210	2.135	0.000
11/09/2019	01:00:00	18.390	0.2725	0.4243	5.088	5.518	0.0000	0.0175	95.366	3.339	70.224	19.268	611.400	2.092	0.000
11/09/2019	02:00:00	18.410	0.2709	0.1366	3.362	3.498	0.7681	0.0232	76.902	2.834	70.884	19.115	611.280	2.018	0.000
11/09/2019	03:00:00	18.640	0.2600	0.1029	2.600	2.706	1.7841	0.0214	71.904	2.729	74.854	18.602	611.070	2.085	0.000
11/09/2019	04:00:00	18.388	0.2503	0.0737	2.321	2.395	1.7069	0.0243	84.077	2.722	75.075	18.481	610.740	2.157	0.000
11/09/2019	05:00:00	17.569	0.2414	0.1151	2.384	2.496	2.0973	0.0125	85.595	3.141	76.134	18.213	610.610	2.046	0.000
11/09/2019	06:00:00	15.856	0.2509	0.0056	4.135	4.137	1.7886	0.0224	83.703	3.080	75.840	17.801	610.650	2.056	0.000
11/09/2019	07:00:00	12.047	0.3874	0.8137	10.227	11.032	1.9305	0.0130	87.828	3.111	78.425	17.501	610.740	2.114	0.000
11/09/2019	08:00:00	8.836	0.6114	5.3404	15.870	21.199	1.9135	0.0319	53.743	1.368	90.387	16.763	611.040	16.527	0.000
11/09/2019	09:00:00	9.200	0.7148	8.4642	14.194	22.628	1.8253	0.0462	55.334	1.495	83.856	17.561	611.450	177.000	0.000
11/09/2019	10:00:00	14.684	0.4272	4.2843	6.828	11.120	2.0088	0.0499	83.376	1.439	72.212	18.849	611.710	409.150	0.000
11/09/2019	11:00:00	18.742	0.3475	2.6228	4.957	7.599	2.1147	0.0327	90.100	1.498	62.620	20.162	611.540	445.130	0.000
11/09/2019	12:00:00	20.238	0.3082	1.6859	3.404	5.090	1.5641	0.0216	77.622	2.486	56.197	21.456	611.390	689.820	0.000
11/09/2019	13:00:00	22.126	0.3205	1.4810	3.948	5.421	1.2589	0.0233	91.163	2.386	52.652	22.289	611.060	564.670	0.000
11/09/2019	14:00:00	21.024	0.3313	1.5931	4.186	5.781	1.6624	0.0251	97.812	2.957	50.507	23.073	610.540	729.820	0.000
11/09/2019	15:00:00	23.500	0.3073	1.6551	4.339	5.976	1.4060	0.0471	105.470	2.657	45.150	24.451	609.870	880.920	0.000
11/09/2019	16:00:00	22.640	0.2639	1.0218	3.103	4.123	1.3467	0.0319	94.147	3.319	41.543	25.124	609.370	708.580	0.000
11/09/2019	17:00:00	20.403	0.2557	1.0922	3.583	4.687	1.5919	0.0288	85.406	3.869	38.966	25.520	608.790	590.610	0.000
11/09/2019	18:00:00	20.783	0.2619	1.3897	3.441	4.822	1.4802	0.0223	80.289	3.488	37.979	25.465	608.450	400.790	0.000
11/09/2019	19:00:00	19.018	0.3045	1.4789	4.700	6.180	1.5913	0.0188	84.430	5.233	45.436	24.534	608.280	208.460	0.000
11/09/2019	20:00:00	16.730	0.3414	1.4873	5.347	6.827	1.4598	0.0421	85.833	5.841	58.781	21.500	608.960	23.884	0.000
11/09/2019	21:00:00	16.775	0.3789	1.2697	7.333	8.589	1.4626	0.0521	88.799	5.318	66.158	20.168	609.650	2.401	0.000
11/09/2019	22:00:00	18.653	0.3411	0.7729	6.918	7.700	1.1621	0.0336	85.697	4.064	69.808	19.369	610.330	2.169	0.000
11/09/2019	23:00:00	20.776	0.3088	0.4141	5.315	5.732	1.6671	0.0335	78.431	3.895	72.669	18.901	610.570	2.297	0.000

PROMEDIO 24 HORAS	17.954	0.33679	1.5868	5.606	7.191	1.48	0.0293
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	12/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
12/09/2019	00:00:00	20.082	0.2902	0.3086	4.739	5.051	1.3496	0.0224	57.523	2.533	76.406	17.960	610.670	2.174	0.000
12/09/2019	01:00:00	20.309	0.2561	0.2808	4.015	4.295	1.2939	0.0170	74.238	2.353	75.336	17.535	610.550	2.088	0.000
12/09/2019	02:00:00	21.607	0.2292	0.2777	2.891	3.169	0.3312	0.0109	70.214	3.135	75.130	17.136	610.510	2.118	0.000
12/09/2019	03:00:00	22.426	0.2220	0.1874	2.222	2.409	0.0000	0.0071	87.113	3.554	73.187	17.414	610.360	2.050	0.000
12/09/2019	04:00:00	22.721	0.2188	0.1089	2.404	2.514	0.0000	0.0115	74.939	2.111	72.822	17.444	610.090	1.994	0.000
12/09/2019	05:00:00	22.067	0.2151	0.0818	2.315	2.393	0.0000	0.0190	68.432	2.160	77.760	17.103	609.850	2.056	0.000
12/09/2019	06:00:00	20.706	0.2226	0.1459	3.965	4.128	0.0000	0.0176	58.323	1.518	78.233	17.117	609.760	1.940	0.000
12/09/2019	07:00:00	16.620	0.3263	1.0414	9.854	10.865	0.0000	0.0193	47.952	1.458	77.955	17.130	609.990	1.995	0.000
12/09/2019	08:00:00	13.159	0.4815	2.8787	14.232	17.097	0.0000	0.0268	64.819	1.549	82.966	16.852	610.280	5.523	0.000
12/09/2019	09:00:00	14.756	0.4660	2.1421	11.385	13.532	0.0000	0.0539	47.764	1.711	90.282	16.722	610.430	37.230	0.000
12/09/2019	10:00:00	14.780	0.4360	3.3024	10.582	13.891	0.0000	0.0468	49.839	1.528	91.547	17.027	610.810	162.030	0.000
12/09/2019	11:00:00	17.920	0.3460	2.4059	6.677	9.056	0.0000	0.0515	76.328	1.788	80.897	18.052	610.960	219.640	0.000
12/09/2019	12:00:00	18.987	0.3636	2.0842	6.255	8.355	0.0000	0.0268	57.960	1.566	72.582	19.037	610.890	210.590	0.000
12/09/2019	13:00:00	19.750	0.3436	1.7620	4.870	6.649	0.0000	0.0316	55.402	2.538	66.802	19.737	610.770	179.550	0.000
12/09/2019	14:00:00	20.088	0.3881	2.1386	4.961	7.098	0.0000	0.0234	64.292	3.403	83.101	18.581	610.670	334.080	0.000
12/09/2019	15:00:00	19.873	0.3168	2.0958	4.997	7.080	0.0000	0.0557	97.808	3.549	62.903	20.624	610.170	308.340	0.300
12/09/2019	16:00:00	19.398	0.3137	2.4342	6.219	8.638	0.0000	0.0088	106.110	3.743	62.496	20.653	609.800	618.830	0.100
12/09/2019	17:00:00	19.278	0.2505	1.8627	3.758	5.616	0.0000	0.0187	82.269	3.683	50.863	22.233	609.180	558.760	0.000
12/09/2019	18:00:00	19.662	0.2623	1.7001	4.042	5.743	0.0000	0.0150	89.574	4.101	50.179	22.662	608.740	438.690	0.000
12/09/2019	19:00:00	18.827	0.2593	1.6519	3.788	5.445	0.0000	0.0219	70.175	4.203	53.981	21.944	608.780	261.150	0.000
12/09/2019	20:00:00	16.621	0.3292	1.1517	5.957	7.110	0.0000	0.0258	82.751	4.771	64.407	20.140	609.100	37.308	0.000
12/09/2019	21:00:00	14.889	0.3669	1.1352	7.586	8.702	0.0000	0.0406	92.709	4.219	70.709	19.041	609.590	2.254	0.000
12/09/2019	22:00:00	15.215	0.3553	0.9856	8.872	9.855	0.0000	0.0313	96.354	3.966	70.205	18.568	610.230	2.241	0.000
12/09/2019	23:00:00	16.439	0.3144	0.7614	7.380	8.146	0.0000	0.0184	101.040	4.191	71.339	18.223	610.350	2.230	0.000

PROMEDIO 24 HORAS	18.591	0.31556	1.3719	5.999	7.368	0.12	0.0259
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	13/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
13/09/2019	00:00:00	17.467	0.2911	0.3583	5.742	6.100	0.0000	0.0262	84.688	4.038	71.982	17.944	610.560	2.162	0.000
13/09/2019	01:00:00	18.294	0.2675	0.1905	4.887	5.075	0.2444	0.0194	85.206	2.872	73.126	17.768	610.610	2.136	0.000
13/09/2019	02:00:00	19.350	0.2485	0.2896	3.084	3.361	0.0000	0.0185	81.485	3.316	75.144	17.671	610.390	2.082	0.000
13/09/2019	03:00:00	18.413	0.2449	0.1110	3.284	3.395	0.0000	0.0210	101.380	2.396	84.389	17.272	610.230	2.051	0.000
13/09/2019	04:00:00	19.344	0.2347	0.0935	2.885	2.973	0.0000	0.0211	78.370	2.175	91.912	16.840	610.200	1.967	0.000
13/09/2019	05:00:00	19.561	0.2209	0.0716	2.403	2.476	0.0000	0.0221	88.071	2.592	93.083	16.659	610.100	1.988	0.000
13/09/2019	06:00:00	18.116	0.2227	0.0823	4.437	4.527	0.0000	0.0000	89.983	2.697	89.811	16.518	610.010	1.983	0.000
13/09/2019	07:00:00	15.704	0.3074	0.4473	9.634	10.064	0.0000	0.0020	91.522	2.511	91.344	16.266	610.300	1.960	0.000
13/09/2019	08:00:00	14.145	0.4620	2.4586	11.136	13.626	0.0000	0.0088	59.491	1.612	91.725	16.281	610.620	5.035	0.000
13/09/2019	09:00:00	13.881	0.5017	4.3789	11.232	15.660	0.0000	0.0228	55.145	1.840	96.293	15.838	611.060	26.807	0.200
13/09/2019	10:00:00	13.008	0.5631	4.2270	12.638	16.888	0.0000	0.0303	60.175	1.143	100.000	15.936	611.430	116.840	0.000
13/09/2019	11:00:00	16.518	0.4023	3.1964	7.369	10.544	0.0000	0.0157	66.328	2.202	96.848	16.982	611.500	245.750	0.100
13/09/2019	12:00:00	18.490	0.3950	2.6708	5.620	8.303	0.0000	0.0220	66.939	3.211	87.029	18.078	611.470	364.050	0.000
13/09/2019	13:00:00	20.092	0.3539	1.9917	4.043	6.049	0.0000	0.0083	75.223	3.796	79.584	18.396	611.500	284.720	0.000
13/09/2019	14:00:00	21.275	0.3522	2.2284	4.767	7.001	0.0000	0.0064	66.754	3.597	84.118	18.388	611.380	366.300	0.000
13/09/2019	15:00:00	22.669	0.2828	1.5051	3.665	5.169	0.0000	0.0174	69.067	4.085	70.501	19.304	610.910	349.890	0.000
13/09/2019	16:00:00	21.518	0.3130	1.9099	5.200	7.116	0.0000	0.0131	94.505	4.161	66.488	20.214	610.260	438.940	0.000
13/09/2019	17:00:00	22.371	0.2839	2.0563	4.494	6.544	0.0000	0.0223	92.759	4.083	60.228	21.250	609.750	576.330	0.000
13/09/2019	18:00:00	21.439	0.2829	1.9663	5.139	7.092	0.0000	0.0123	93.894	4.282	56.809	21.549	609.440	319.230	0.000
13/09/2019	19:00:00	20.209	0.3242	1.8045	6.754	8.564	0.0000	0.0133	105.220	3.836	59.536	21.049	609.520	169.820	0.000
13/09/2019	20:00:00	16.958	0.4073	1.4086	9.045	10.422	0.0000	0.0198	82.730	3.711	83.196	18.783	610.020	24.637	1.600
13/09/2019	21:00:00	11.713	0.5120	1.7857	15.773	17.548	0.0000	0.0469	83.117	2.626	99.424	17.346	610.540	1.702	0.000
13/09/2019	22:00:00	10.549	0.5275	2.5911	16.933	19.501	0.0000	0.0258	68.779	2.061	97.201	17.125	611.090	1.957	0.000
13/09/2019	23:00:00	11.052	0.4627	1.9436	15.413	17.355	0.0000	0.0150	83.005	1.850	98.601	16.638	611.500	1.957	0.000

PROMEDIO 24 HORAS	17.589	0.35267	1.6570	7.316	8.973	0.01	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, 1993)	11 PPM
NO2	NOM-023-SSA1-1993(DOF, 1993)	210 PPB
SO2	NOM-022-SSA1-2010 (DOF, 2010)	110 PPB
PM10	NOM-025-SSA1-2014 (DOF, 2014)	75 µg/m <sup>3</sup>

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	14/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
14/09/2019	00:00:00	12.161	0.4115	0.7145	11.611	12.317	0.0000	0.0106	87.409	1.846	100.000	16.136	611.790	0.950	1.300
14/09/2019	01:00:00	13.172	0.3244	0.4129	7.734	8.138	0.0000	0.0066	85.527	2.712	100.000	16.368	611.730	1.366	0.100
14/09/2019	02:00:00	15.052	0.2865	0.2601	5.292	5.549	0.0527	0.0090	78.481	2.444	100.000	15.870	611.520	1.778	0.000
14/09/2019	03:00:00	13.884	0.3091	0.3138	5.395	5.707	0.6446	0.0116	67.474	1.104	100.000	15.474	611.470	1.898	0.000
14/09/2019	04:00:00	12.671	0.3295	0.1281	5.673	5.813	0.5981	0.0096	51.619	0.867	100.000	15.528	611.250	1.864	0.000
14/09/2019	05:00:00	12.262	0.3278	0.4351	6.099	6.525	0.8362	0.0459	62.460	1.498	100.000	15.167	611.020	1.937	0.000
14/09/2019	06:00:00	14.827	0.2968	0.1129	5.217	5.334	0.7122	0.0355	44.194	1.451	100.000	14.767	611.110	1.939	0.000
14/09/2019	07:00:00	16.356	0.3100	0.6646	5.929	6.593	0.5682	0.0100	70.510	2.814	97.768	14.906	611.380	1.911	0.000
14/09/2019	08:00:00	13.266	0.4241	0.8134	10.065	10.897	0.4982	0.0085	60.298	1.851	99.695	14.887	611.590	9.116	0.000
14/09/2019	09:00:00	13.394	0.4868	2.1831	12.030	14.209	0.5328	0.0231	84.996	2.047	98.943	15.235	611.850	64.120	0.000
14/09/2019	10:00:00	17.398	0.4405	2.9641	7.653	10.620	0.4234	0.0153	86.937	2.349	79.843	16.818	612.170	277.450	0.000
14/09/2019	11:00:00	20.686	0.3801	2.3462	4.395	6.745	0.7150	0.0131	70.992	3.109	67.924	17.823	612.240	484.350	0.000
14/09/2019	12:00:00	22.672	0.3624	1.6628	3.363	5.015	0.5377	0.0185	77.591	3.235	59.116	19.431	612.100	717.270	0.000
14/09/2019	13:00:00	22.949	0.3481	1.6884	3.406	5.112	0.4599	0.0179	68.453	3.190	55.062	20.373	611.790	746.330	0.000
14/09/2019	14:00:00	24.328	0.3342	1.6655	3.376	5.042	0.4635	0.0155	79.017	3.722	48.576	21.596	611.460	961.160	0.000
14/09/2019	15:00:00	24.116	0.3381	1.6748	3.700	5.355	0.6061	0.0208	76.929	3.701	47.299	22.494	611.000	791.060	0.000
14/09/2019	16:00:00	23.931	0.3287	1.5684	3.398	4.970	0.6305	0.0152	58.553	4.079	49.000	22.644	610.490	688.670	0.000
14/09/2019	17:00:00	23.589	0.3428	1.5649	3.737	5.297	0.5655	0.0143	57.848	3.271	48.715	22.344	610.160	342.100	0.000
14/09/2019	18:00:00	24.383	0.3061	1.3157	3.137	4.448	0.4125	0.0152	64.503	3.517	45.889	23.054	609.810	497.470	0.000
14/09/2019	19:00:00	23.200	0.3321	1.1456	4.473	5.601	0.4623	0.0160	83.092	3.397	48.321	22.498	609.720	183.380	0.000
14/09/2019	20:00:00	20.871	0.3871	1.1691	6.817	7.995	0.5655	0.0135	79.329	3.321	55.742	20.978	609.820	14.803	0.000
14/09/2019	21:00:00	17.647	0.5029	0.9392	11.335	12.315	0.7332	0.0267	94.310	3.628	63.588	19.838	610.290	2.113	0.000
14/09/2019	22:00:00	16.634	0.4806	0.8833	12.681	13.564	0.5150	0.0314	99.576	3.175	63.863	19.262	610.900	2.114	0.000
14/09/2019	23:00:00	14.326	0.4776	0.8273	15.601	16.420	0.5031	0.0245	113.850	2.761	66.224	18.919	611.440	2.089	0.000

PROMEDIO 24 HORAS	<b>18.074</b>	<b>0.36949</b>	<b>1.1439</b>	<b>6.755</b>	<b>7.899</b>	<b>0.50</b>	<b>0.0179</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	15/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
15/09/2019	00:00:00	13.779	0.4770	0.7446	12.972	13.696	0.8657	0.0229	73.237	2.513	72.272	17.923	611.670	2.094	0.000
15/09/2019	01:00:00	CAL	0.5480	0.6116	13.680	14.324	1.1477	0.0272	97.810	1.647	73.347	17.527	611.700	1.939	0.000
15/09/2019	02:00:00	16.009	0.4861	CAL	CAL	CAL	1.2103	0.0247	98.492	1.822	72.662	17.318	611.600	2.047	0.000
15/09/2019	03:00:00	16.066	10.6810	0.1921	9.703	9.880	1.1182	0.0170	101.830	1.878	74.879	17.176	611.370	2.103	0.000
15/09/2019	04:00:00	16.423	0.4759	0.2416	8.658	8.880	CAL	0.0236	90.509	1.482	78.479	16.816	610.940	1.936	0.000
15/09/2019	05:00:00	16.482	0.4041	0.3653	8.041	8.406	0.2302	0.0198	67.659	1.191	90.746	16.070	610.630	1.982	0.000
15/09/2019	06:00:00	13.191	0.4346	0.6048	9.165	9.758	0.6307	0.0230	33.217	0.849	98.785	14.857	610.550	2.009	0.000
15/09/2019	07:00:00	7.519	0.5116	1.0301	15.903	16.952	0.6472	0.0441	354.870	0.181	100.000	14.416	610.630	2.072	0.000
15/09/2019	08:00:00	6.791	0.6387	4.8413	17.957	22.628	0.4604	0.0440	318.320	0.378	100.000	14.391	610.760	20.848	0.000
15/09/2019	09:00:00	13.904	0.5486	3.3125	12.064	15.370	0.6314	0.0369	255.310	0.315	96.499	15.833	610.790	170.170	0.000
15/09/2019	10:00:00	19.557	0.5401	4.2231	10.607	14.827	0.5172	0.0180	126.680	0.516	75.748	18.162	610.900	398.680	0.000
15/09/2019	11:00:00	22.426	0.5642	4.2119	11.775	16.002	0.6526	0.0203	105.750	1.254	66.088	19.268	611.050	402.560	0.000
15/09/2019	12:00:00	24.850	0.4305	3.2126	8.202	11.408	0.7365	0.0354	136.970	1.472	57.539	20.829	611.000	720.470	0.000
15/09/2019	13:00:00	28.680	0.3530	1.3027	3.690	4.984	0.7269	0.0186	88.937	1.941	49.881	22.164	610.770	760.630	0.000
15/09/2019	14:00:00	29.968	0.3257	0.8331	3.137	3.970	0.9274	0.0192	113.520	1.532	45.435	23.365	610.310	802.350	0.000
15/09/2019	15:00:00	30.040	0.3217	0.7371	3.539	4.280	0.6646	0.0205	90.351	2.203	41.925	24.254	609.660	692.980	0.000
15/09/2019	16:00:00	30.993	0.2709	0.6991	2.430	3.134	0.5535	0.0148	89.213	2.109	35.864	25.112	608.990	716.460	0.000
15/09/2019	17:00:00	30.875	0.2744	0.9474	3.249	4.186	0.9161	0.0136	92.966	2.411	33.412	25.798	608.500	615.150	0.000
15/09/2019	18:00:00	28.397	0.3075	1.0089	3.332	4.337	0.6199	0.0170	66.490	3.041	38.883	25.335	608.370	429.510	0.000
15/09/2019	19:00:00	28.374	0.3137	0.7045	3.520	4.225	0.4259	0.0160	74.705	3.438	40.230	24.552	608.460	171.970	0.000
15/09/2019	20:00:00	26.146	0.3637	0.6805	6.919	7.602	0.5229	0.0153	89.394	3.384	39.130	23.276	608.620	14.098	0.000
15/09/2019	21:00:00	21.176	0.4549	0.3887	8.675	9.061	0.5259	0.0192	91.454	4.598	62.501	20.776	609.120	2.182	0.000
15/09/2019	22:00:00	16.407	0.5325	0.6564	12.916	13.561	0.6166	0.0628	93.774	3.433	68.506	19.649	609.620	2.157	0.000
15/09/2019	23:00:00	17.239	0.4774	0.6145	10.967	11.564	0.5764	0.0404	91.554	3.629	71.901	18.897	610.180	2.093	0.000

PROMEDIO 24 HORAS	<b>20.665</b>	<b>0.86399</b>	<b>1.3985</b>	<b>8.744</b>	<b>10.132</b>	<b>0.69</b>	<b>0.0256</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	16/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
16/09/2019	00:00:00	17.100	0.4627	0.3672	10.856	11.223	0.6545	0.0280	93.965	2.422	72.124	18.759	610.530	2.031	0.000
16/09/2019	01:00:00	17.118	0.4509	0.4820	11.143	11.619	0.6519	0.0252	85.093	2.409	73.933	18.364	610.540	2.022	0.000
16/09/2019	02:00:00	18.695	0.3902	0.2420	8.272	8.518	0.6371	0.0298	111.490	2.402	72.955	18.369	610.560	2.052	0.000
16/09/2019	03:00:00	21.755	0.3632	0.1775	5.481	5.658	0.4349	0.0148	117.540	2.553	72.273	18.072	610.490	1.909	0.000
16/09/2019	04:00:00	23.219	0.3270	0.1197	5.265	5.381	0.6001	0.0143	127.490	2.253	69.979	17.918	610.220	1.933	0.000
16/09/2019	05:00:00	20.591	0.3618	0.3250	7.204	7.509	0.8741	0.0116	84.510	1.320	74.818	17.277	610.100	1.876	0.000
16/09/2019	06:00:00	12.532	0.4252	0.7488	11.897	12.650	0.8751	0.0373	56.160	1.024	91.717	16.023	610.010	1.926	0.000
16/09/2019	07:00:00	9.314	0.5138	1.9419	15.492	17.493	1.0244	0.0360	33.909	0.829	98.751	15.272	610.330	1.991	0.000
16/09/2019	08:00:00	4.567	0.7604	6.8557	21.106	27.931	0.9099	0.0660	234.780	1.037	100.000	14.812	610.740	8.471	0.000
16/09/2019	09:00:00	11.621	0.6252	4.4124	13.986	18.376	0.7320	0.0830	109.760	0.493	97.095	15.662	611.040	172.170	0.000
16/09/2019	10:00:00	16.423	0.5996	6.3891	14.153	20.559	0.8898	0.0462	187.780	0.335	78.495	17.851	611.130	384.650	0.000
16/09/2019	11:00:00	23.897	0.5078	5.0034	11.484	16.486	0.8161	0.0433	119.300	1.926	64.594	19.476	611.110	572.150	0.000
16/09/2019	12:00:00	28.259	0.4068	2.6561	6.308	8.969	0.9317	0.0359	110.020	2.472	54.650	21.251	611.050	765.890	0.000
16/09/2019	13:00:00	31.359	0.4039	1.8207	4.801	6.645	0.7938	0.0270	112.190	2.198	50.424	22.474	610.610	881.220	0.000
16/09/2019	14:00:00	34.107	0.4010	1.1745	4.959	6.128	0.6806	0.0279	141.800	1.779	46.869	23.685	609.960	790.880	0.000
16/09/2019	15:00:00	35.844	0.3854	0.9210	4.351	5.279	0.7415	0.0270	160.630	1.709	40.752	25.398	609.230	864.940	0.000
16/09/2019	16:00:00	30.923	0.3421	1.4261	4.446	5.870	0.7031	0.0263	98.693	2.308	35.540	26.529	608.500	622.690	0.000
16/09/2019	17:00:00	28.621	0.3208	1.0261	3.239	4.270	0.4877	0.0310	73.866	3.222	35.884	26.150	608.150	463.120	0.000
16/09/2019	18:00:00	30.368	0.3227	0.8798	3.403	4.267	0.6031	0.0159	82.411	3.447	33.143	26.592	608.030	459.580	0.000
16/09/2019	19:00:00	29.214	0.3624	1.1303	4.599	5.740	0.6409	0.0197	86.660	4.392	38.362	25.189	608.050	157.130	0.000
16/09/2019	20:00:00	27.936	0.3925	0.7088	6.436	7.144	0.5297	0.0131	98.394	4.432	42.501	23.556	608.210	16.037	0.000
16/09/2019	21:00:00	25.032	0.4301	0.2867	7.625	7.907	0.4067	0.0260	104.470	4.238	51.036	22.297	608.760	2.166	0.000
16/09/2019	22:00:00	21.864	0.4789	0.3730	12.751	13.098	0.5025	0.0307	108.360	3.574	54.880	21.507	609.350	2.183	0.000
16/09/2019	23:00:00	21.467	0.4526	0.4849	7.518	8.000	0.4325	0.0326	80.118	3.627	70.405	19.584	609.860	2.228	0.000

PROMEDIO 24 HORAS	<b>22.576</b>	<b>0.43695</b>	<b>1.6647</b>	<b>8.615</b>	<b>10.280</b>	<b>0.69</b>	<b>0.0312</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	17/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
17/09/2019	00:00:00	21.594	0.4233	0.2313	7.786	8.013	0.7410	0.0483	91.970	2.975	70.172	19.114	610.040	2.184	0.000
17/09/2019	01:00:00	20.617	0.4054	0.2346	9.150	9.378	0.4753	0.0307	111.340	2.320	70.251	18.822	609.860	2.042	0.000
17/09/2019	02:00:00	17.295	0.3628	0.1826	13.567	13.774	0.7055	0.0229	106.290	2.210	73.221	18.310	609.790	1.997	0.000
17/09/2019	03:00:00	15.218	0.3721	0.3135	11.220	11.529	0.7853	0.0259	53.145	0.993	85.341	17.071	609.760	1.978	0.000
17/09/2019	04:00:00	14.774	0.3406	0.2884	9.963	10.253	0.4239	0.0205	53.797	1.257	92.194	16.334	609.670	2.001	0.000
17/09/2019	05:00:00	17.670	0.3089	0.2316	8.914	9.152	0.4292	0.0252	82.296	1.240	87.334	16.882	609.640	2.103	0.000
17/09/2019	06:00:00	11.363	0.4196	1.6442	16.238	17.921	0.7333	0.0183	162.920	0.351	88.784	16.476	609.610	2.079	0.000
17/09/2019	07:00:00	4.033	0.7394	16.0830	29.320	45.235	0.5428	0.0418	99.011	0.366	93.556	15.999	609.850	2.034	0.000
17/09/2019	08:00:00	2.493	1.1347	29.5860	25.717	55.461	0.6736	0.0644	251.290	0.516	92.569	15.999	610.170	16.860	0.000
17/09/2019	09:00:00	3.246	1.7555	62.6300	29.450	91.961	1.2599	0.0553	65.164	1.085	94.006	15.785	610.460	165.940	0.000
17/09/2019	10:00:00	9.595	1.0515	26.7440	27.884	54.329	1.1109	0.2551	59.037	0.794	74.804	18.274	610.640	361.950	0.000
17/09/2019	11:00:00	24.451	0.4571	4.6556	10.838	15.514	1.6410	0.1181	111.110	1.408	59.648	20.363	610.870	610.220	0.000
17/09/2019	12:00:00	30.348	0.4276	3.1530	8.036	11.209	1.0782	0.0417	98.801	2.400	53.855	21.753	610.910	785.850	0.000
17/09/2019	13:00:00	32.884	0.4123	1.4899	5.145	6.635	0.9487	0.0372	116.950	1.835	49.415	23.200	610.540	855.840	0.000
17/09/2019	14:00:00	32.100	0.3552	1.1452	3.819	4.966	0.6101	0.0318	114.680	1.941	43.026	24.548	609.860	854.930	0.000
17/09/2019	15:00:00	30.308	0.2940	0.8836	3.079	3.959	0.3043	0.0304	87.914	2.297	38.103	26.108	609.110	884.530	0.000
17/09/2019	16:00:00	29.630	0.2828	0.9449	2.773	3.719	0.3123	0.0285	97.614	2.719	36.391	26.479	608.550	799.750	0.000
17/09/2019	17:00:00	29.577	0.3222	1.0323	3.233	4.263	0.5348	0.0288	67.940	3.414	35.062	26.825	608.200	647.160	0.000
17/09/2019	18:00:00	29.351	0.3088	1.0328	3.226	4.253	0.4909	0.0309	74.556	3.266	35.833	26.580	607.880	444.210	0.000
17/09/2019	19:00:00	28.534	0.2995	1.0699	4.180	5.273	0.6028	0.0180	68.607	3.722	35.169	25.893	607.650	218.010	0.000
17/09/2019	20:00:00	25.916	0.3771	0.8204	7.110	7.953	0.1681	0.0214	69.478	3.413	39.682	24.236	608.070	13.528	0.000
17/09/2019	21:00:00	22.351	0.4680	0.8628	9.949	10.811	0.4416	0.0246	76.258	3.415	50.004	22.968	608.580	2.203	0.000
17/09/2019	22:00:00	21.955	0.4204	0.4299	8.874	9.301	0.0878	0.0444	101.440	4.146	61.540	21.566	608.990	2.098	0.000
17/09/2019	23:00:00	21.588	0.3695	0.4027	6.730	7.149	0.4161	0.0599	96.101	4.026	69.359	20.377	609.560	2.204	0.000

PROMEDIO 24 HORAS	20.704	0.50451	6.5038	11.092	17.584	0.65	0.0468
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	18/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
18/09/2019	00:00:00	21.380	0.3649	0.3172	5.634	5.915	0.2270	0.0411	78.272	2.994	74.786	19.521	610.040	2.106	0.000
18/09/2019	01:00:00	21.675	0.3302	0.2735	6.303	6.585	0.1540	0.0163	71.277	2.278	73.086	19.072	610.080	2.030	0.000
18/09/2019	02:00:00	18.568	0.3251	0.3448	6.470	6.807	0.4281	0.0268	49.923	1.164	79.859	18.215	609.800	2.017	0.000
18/09/2019	03:00:00	17.665	0.3188	0.3069	6.195	6.501	0.5648	0.0228	42.906	0.980	91.677	17.445	609.760	1.996	0.000
18/09/2019	04:00:00	15.937	0.3196	0.1857	7.895	8.073	0.2500	0.0274	77.056	0.953	94.535	17.051	609.670	2.042	0.000
18/09/2019	05:00:00	16.445	0.3575	0.2654	10.913	11.206	0.5940	0.0283	154.640	1.159	86.045	17.891	609.330	2.009	0.000
18/09/2019	06:00:00	11.492	0.3852	0.7140	15.826	16.664	0.8143	0.0216	203.210	0.835	90.161	17.102	609.280	1.941	0.000
18/09/2019	07:00:00	5.547	0.7153	6.2308	23.606	29.872	0.3678	0.0420	191.590	0.760	99.486	16.199	609.450	2.012	0.000
18/09/2019	08:00:00	2.584	1.1765	22.4150	29.137	51.684	0.9072	0.0561	262.190	0.656	100.000	16.221	609.730	14.779	0.000
18/09/2019	09:00:00	5.076	0.8386	13.2040	23.685	36.781	0.9669	0.1060	296.880	0.856	95.938	16.843	609.850	104.530	0.000
18/09/2019	10:00:00	17.772	0.5291	4.3925	9.705	14.161	0.7449	0.0590	147.820	0.591	79.888	18.976	610.070	370.670	0.000
18/09/2019	11:00:00	21.832	0.6507	6.3610	17.035	23.368	0.4484	0.0360	174.190	0.807	66.157	20.520	610.190	515.250	0.000
18/09/2019	12:00:00	31.616	0.5480	4.0103	12.266	16.286	0.6271	0.0477	136.170	1.036	53.339	22.855	610.120	750.760	0.000
18/09/2019	13:00:00	40.325	0.5053	1.9905	8.642	10.646	1.1918	0.0466	170.790	1.237	46.129	24.104	609.760	830.510	0.000
18/09/2019	14:00:00	47.307	0.4464	1.1128	7.041	8.157	1.2757	0.0457	234.850	1.550	41.698	24.937	609.240	804.720	0.000
18/09/2019	15:00:00	50.422	0.4464	0.7646	6.776	7.538	1.1977	0.0526	197.210	1.166	37.950	26.344	608.650	774.830	0.000
18/09/2019	16:00:00	52.465	0.4167	0.5303	7.269	7.795	0.7950	0.0596	157.630	1.658	35.319	27.230	607.840	762.870	0.000
18/09/2019	17:00:00	39.423	0.3512	0.5882	4.622	5.208	0.6791	0.0681	93.197	2.158	36.626	27.407	607.230	520.800	0.000
18/09/2019	18:00:00	27.202	0.3319	1.0778	4.405	5.491	0.3267	0.0600	49.367	2.803	40.336	27.129	606.920	348.450	0.000
18/09/2019	19:00:00	24.936	0.3400	1.4099	5.005	6.396	0.2168	0.0212	62.415	2.892	42.365	26.601	606.970	184.490	0.000
18/09/2019	20:00:00	23.915	0.3616	0.9745	5.716	6.689	0.0000	0.0268	65.613	3.347	47.959	24.858	607.330	22.762	0.000
18/09/2019	21:00:00	21.508	0.4467	1.0124	9.166	10.189	0.2967	0.0395	76.710	3.492	52.437	23.786	607.890	2.327	0.000
18/09/2019	22:00:00	19.198	0.4533	0.6501	10.234	10.910	0.1917	0.0465	97.079	4.333	67.028	22.126	608.630	2.319	0.000
18/09/2019	23:00:00	20.045	0.4271	0.5669	10.281	10.868	0.3754	0.0599	139.640	2.322	61.809	22.122	609.200	2.297	0.000

PROMEDIO 24 HORAS	23.931	0.47441	2.9041	10.576	13.491	0.57	0.0441
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	19/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
19/09/2019	00:00:00	22.997	0.3682	0.3545	9.724	10.061	0.4444	0.0193	116.620	3.425	62.326	21.257	609.570	2.160	0.000
19/09/2019	01:00:00	23.837	0.3426	0.2936	10.779	11.064	1.7358	0.0093	120.660	4.022	65.843	19.758	609.510	2.140	0.000
19/09/2019	02:00:00	24.154	0.3422	0.1697	8.369	8.520	3.1776	0.0317	125.480	3.242	70.086	19.274	609.390	2.136	0.000
19/09/2019	03:00:00	24.539	0.3245	0.1066	6.153	6.263	3.7393	0.0266	132.880	2.640	70.609	19.251	609.250	2.072	0.000
19/09/2019	04:00:00	19.180	0.3683	0.1858	11.860	12.022	3.0471	0.0205	112.030	2.148	78.267	18.644	609.050	2.096	0.000
19/09/2019	05:00:00	13.632	0.3780	0.4162	15.593	16.051	1.6138	0.0444	104.700	1.669	90.135	18.096	608.700	2.109	0.000
19/09/2019	06:00:00	11.356	0.3822	0.3367	14.949	15.305	0.8427	0.0310	106.780	1.402	92.366	17.743	608.590	2.139	0.000
19/09/2019	07:00:00	5.015	0.5266	6.0729	27.757	33.951	0.5376	0.0206	116.820	1.074	91.750	17.497	608.720	2.192	0.000
19/09/2019	08:00:00	2.286	1.3209	46.2270	28.469	74.526	0.8591	0.0296	310.880	0.950	93.287	16.776	608.970	12.288	0.000
19/09/2019	09:00:00	4.083	1.1969	29.0220	26.152	55.152	0.7138	0.0865	198.300	0.383	85.492	17.880	609.300	158.050	0.000
19/09/2019	10:00:00	9.995	1.0586	23.2310	27.546	50.760	1.3831	0.0699	138.350	0.523	72.121	19.737	609.400	361.080	0.000
19/09/2019	11:00:00	18.694	0.7328	11.2970	21.112	32.400	2.5529	0.0918	136.940	1.117	62.404	21.529	609.390	583.740	0.000
19/09/2019	12:00:00	27.865	0.5620	5.8165	15.258	21.055	2.0960	0.0751	154.180	1.086	53.351	22.987	609.270	737.000	0.000
19/09/2019	13:00:00	34.928	0.5242	4.5374	15.929	20.463	2.4670	0.0536	135.860	1.457	47.860	24.676	608.950	844.570	0.000
19/09/2019	14:00:00	38.706	0.4421	2.5003	11.474	14.007	2.4180	0.0625	123.750	1.877	43.581	25.767	608.280	777.390	0.000
19/09/2019	15:00:00	40.612	0.3760	1.4979	7.946	9.449	5.4148	0.0516	164.530	1.442	38.653	27.371	607.440	893.890	0.000
19/09/2019	16:00:00	34.457	0.3109	1.2315	6.871	8.101	19.0660	0.0590	152.520	1.913	36.259	27.596	606.670	488.360	0.000
19/09/2019	17:00:00	27.750	0.3142	1.5914	6.021	7.605	7.2307	0.0573	214.500	4.285	41.163	26.520	606.280	501.670	0.000
19/09/2019	18:00:00	23.676	0.3100	1.8959	5.272	7.169	0.3959	0.0475	195.620	3.476	45.531	25.684	606.230	496.320	0.000
19/09/2019	19:00:00	21.666	0.4990	1.4241	11.042	12.472	0.1373	0.0147	82.892	2.460	64.933	22.200	606.820	36.790	0.000
19/09/2019	20:00:00	18.922	0.5951	1.4605	15.405	16.872	0.0442	0.0778	283.510	1.463	67.901	21.354	607.260	7.132	0.000
19/09/2019	21:00:00	18.166	0.5477	1.0598	14.295	15.354	0.0000	0.0420	203.830	1.777	81.209	20.679	607.600	1.733	5.800
19/09/2019	22:00:00	10.346	0.7016	1.7828	20.499	22.304	0.0000	0.0326	92.729	1.280	100.000	19.090	608.000	1.658	0.400
19/09/2019	23:00:00	7.581	0.6661	2.1617	25.571	27.721	0.0000	0.0457	109.920	1.033	94.251	19.717	608.550	1.948	0.000

PROMEDIO 24 HORAS	20.185	0.54961	6.0280	15.169	21.194	2.50	0.0459
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	20/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
20/09/2019	00:00:00	18.412	0.4043	0.7291	9.269	10.014	0.0000	0.0337	95.131	3.026	91.984	19.787	608.940	1.957	0.000
20/09/2019	01:00:00	21.911	0.3617	0.0963	5.577	5.673	0.0000	0.0290	95.942	2.811	89.443	19.451	608.890	2.092	0.000
20/09/2019	02:00:00	17.738	0.3730	0.3309	9.016	9.346	0.0000	0.0239	131.320	1.694	89.481	19.511	608.940	2.043	0.000
20/09/2019	03:00:00	20.309	0.3089	0.1662	5.159	5.325	0.0000	0.0260	129.320	1.969	88.380	19.559	608.950	2.086	0.000
20/09/2019	04:00:00	17.988	0.3019	0.2085	7.832	8.006	0.1915	0.0214	126.750	2.697	93.709	18.800	608.740	2.092	0.000
20/09/2019	05:00:00	14.859	0.3663	0.2299	13.678	13.897	0.4201	0.0197	80.217	2.034	97.751	17.680	608.600	2.062	0.000
20/09/2019	06:00:00	12.205	0.3233	0.6136	15.830	16.437	0.6533	0.0261	81.152	1.767	100.000	16.673	608.770	2.097	0.000
20/09/2019	07:00:00	7.184	0.5082	2.6754	26.804	29.456	0.4660	0.0210	105.220	0.918	100.000	16.430	608.940	2.077	0.000
20/09/2019	08:00:00	2.374	1.0026	27.6420	35.974	63.520	0.6798	0.0365	134.020	0.409	100.000	16.613	608.970	12.710	0.000
20/09/2019	09:00:00	5.042	1.2615	29.5580	33.344	62.998	1.5213	0.0668	212.540	0.330	94.274	17.673	609.000	180.510	0.000
20/09/2019	10:00:00	8.960	0.9641	12.9730	29.783	42.682	1.5114	0.0687	191.530	0.385	85.635	18.753	609.350	146.150	0.000
20/09/2019	11:00:00	13.318	1.0219	21.2760	32.624	54.013	1.8408	0.0551	86.760	1.506	69.469	20.795	609.480	499.340	0.000
20/09/2019	12:00:00	24.301	0.4793	4.8298	11.959	16.833	1.1459	0.0900	95.716	2.100	62.433	22.300	609.450	532.220	0.000
20/09/2019	13:00:00	28.453	0.4262	2.0902	6.925	9.000	0.4112	0.0515	92.351	2.232	56.528	23.367	609.310	633.090	0.000
20/09/2019	14:00:00	29.711	0.4110	1.4347	6.026	7.463	0.5528	0.0350	93.965	2.040	53.658	24.349	608.890	673.110	0.000
20/09/2019	15:00:00	29.025	0.3729	1.6485	5.644	7.293	0.4741	0.0379	84.557	2.915	51.134	25.203	608.410	704.910	0.000
20/09/2019	16:00:00	27.444	0.3708	1.6987	5.409	7.082	0.3413	0.0439	85.947	3.671	51.510	25.538	608.000	825.890	0.000
20/09/2019	17:00:00	24.239	0.4085	2.9194	10.050	12.993	0.4912	0.0498	102.520	3.611	65.590	22.042	607.680	300.320	3.000
20/09/2019	18:00:00	18.681	0.5823	3.7035	14.268	18.006	0.0198	0.0542	110.040	2.757	68.483	22.103	607.660	162.240	0.700
20/09/2019	19:00:00	20.606	0.4721	2.4853	10.623	13.117	0.2159	0.0340	91.924	4.620	56.136	23.453	607.550	158.270	0.000
20/09/2019	20:00:00	16.952	0.5149	1.9337	13.512	15.449	0.3421	0.0135	102.370	4.008	61.033	21.909	608.020	20.201	0.000
20/09/2019	21:00:00	13.379	0.5467	1.7829	16.889	18.698	0.2858	0.0338	108.430	3.830	68.014	20.740	608.580	2.279	0.000
20/09/2019	22:00:00	14.745	0.4820	1.2096	12.217	13.433	0.0000	0.0453	102.240	4.115	72.819	19.761	609.130	2.388	0.000
20/09/2019	23:00:00	14.725	0.4583	1.1181	12.755	13.891	0.0000	0.0407	94.414	3.510	73.169	18.762	609.820	2.328	0.000

PROMEDIO 24 HORAS	<b>17.607</b>	<b>0.53010</b>	<b>5.1397</b>	<b>14.632</b>	<b>19.776</b>	<b>0.48</b>	<b>0.0399</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	21/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
21/09/2019	00:00:00	15.147	0.4430	0.7167	11.938	12.648	0.0000	0.0222	91.358	2.897	76.806	18.173	610.210	2.245	0.000
21/09/2019	01:00:00	8.696	0.5296	1.7795	21.365	23.173	0.0000	0.0376	113.320	1.397	83.305	17.789	610.230	2.177	0.000
21/09/2019	02:00:00	5.082	0.5676	3.1638	23.186	26.362	0.1473	0.0566	56.503	0.767	91.346	17.218	610.280	2.144	0.000
21/09/2019	03:00:00	5.131	0.4918	2.5673	17.929	20.488	0.5307	0.0564	38.275	0.436	97.755	16.616	610.310	2.284	0.000
21/09/2019	04:00:00	6.113	0.4202	2.0945	16.927	19.026	0.8469	0.0585	62.776	0.727	97.788	16.488	610.230	2.150	0.000
21/09/2019	05:00:00	5.289	0.4136	1.7183	16.575	18.270	0.4974	0.0469	38.138	0.776	100.000	15.910	610.090	2.170	0.000
21/09/2019	06:00:00	3.098	0.4570	7.3432	19.694	27.036	0.5319	0.0588	264.650	0.181	100.000	15.745	610.080	2.118	0.000
21/09/2019	07:00:00	1.972	0.7032	23.4640	21.288	44.853	1.1297	0.0561	180.140	0.561	100.000	15.823	610.200	2.248	0.000
21/09/2019	08:00:00	3.738	0.7098	9.3931	20.545	29.950	0.5695	0.0721	297.890	0.419	100.000	16.245	610.470	15.859	0.000
21/09/2019	09:00:00	5.777	0.7403	13.1180	19.340	32.460	0.6950	0.0555	49.129	0.910	95.697	17.027	610.680	174.130	0.000
21/09/2019	10:00:00	10.591	0.6694	14.1850	18.467	32.619	0.5682	0.0726	92.863	2.555	80.852	18.268	610.790	389.290	0.000
21/09/2019	11:00:00	17.625	0.4833	7.1365	11.056	18.279	0.9448	0.0560	111.770	2.420	65.686	19.860	610.920	630.120	0.000
21/09/2019	12:00:00	22.109	0.4177	3.3467	8.604	11.948	0.8153	0.0378	106.370	2.073	58.368	21.133	610.840	698.970	0.000
21/09/2019	13:00:00	27.074	0.3826	2.8435	7.524	10.366	0.9972	0.0424	107.340	2.080	51.271	22.667	610.430	821.010	0.000
21/09/2019	14:00:00	28.907	0.3595	2.2027	6.748	8.949	0.8837	0.0444	115.270	2.498	45.312	24.140	609.820	901.730	0.000
21/09/2019	15:00:00	29.657	0.3439	1.7297	6.184	7.916	0.5404	0.0385	117.520	2.513	41.200	25.457	609.250	870.130	0.000
21/09/2019	16:00:00	27.098	0.3168	1.3855	4.618	6.005	0.3099	0.0365	85.895	2.656	39.417	26.384	608.610	760.910	0.000
21/09/2019	17:00:00	23.717	0.2764	1.2361	4.157	5.400	0.4088	0.0349	83.848	3.415	36.009	26.744	608.140	640.040	0.000
21/09/2019	18:00:00	22.797	0.2669	1.3752	4.245	5.619	0.4502	0.0266	89.606	3.806	34.141	26.421	608.070	427.820	0.000
21/09/2019	19:00:00	20.454	0.3074	1.4652	5.091	6.561	0.0000	0.0242	78.902	4.701	34.078	25.331	608.190	208.720	0.000
21/09/2019	20:00:00	18.138	0.3534	1.2275	6.958	8.202	0.3496	0.0259	89.225	4.377	40.882	23.189	608.660	14.676	0.000
21/09/2019	21:00:00	16.216	0.4310	0.8839	9.790	10.669	0.1804	0.0236	112.340	4.061	53.335	21.316	609.150	2.269	0.000
21/09/2019	22:00:00	16.538	0.4122	0.8491	9.729	10.553	0.1673	0.0352	101.330	3.732	55.556	20.190	609.780	2.311	0.000
21/09/2019	23:00:00	14.620	0.4755	0.8797	13.428	14.296	0.3008	0.0284	102.980	2.943	56.784	19.490	610.310	2.187	0.000

PROMEDIO 24 HORAS	<b>14.816</b>	<b>0.45717</b>	<b>4.4210</b>	<b>12.724</b>	<b>17.152</b>	<b>0.49</b>	<b>0.0436</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	22/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
22/09/2019	00:00:00	15.741	0.4439	0.5762	11.022	11.605	0.3759	0.0299	87.225	3.205	65.355	18.488	610.540	2.241	0.000
22/09/2019	01:00:00	CAL	0.5580	0.9772	15.258	16.224	0.5352	0.0388	65.601	1.578	72.001	17.660	610.610	2.226	0.000
22/09/2019	02:00:00	11.452	0.5368	CAL	CAL	CAL	0.5540	0.0423	180.020	0.608	79.696	16.968	610.550	2.102	0.000
22/09/2019	03:00:00	6.997	10.8680	1.7692	17.700	19.477	0.8145	0.0326	91.027	0.478	79.814	16.816	610.440	2.050	0.000
22/09/2019	04:00:00	11.004	0.5247	0.7750	16.356	17.115	CAL	0.0579	121.210	1.302	77.194	17.501	610.120	2.046	0.000
22/09/2019	05:00:00	8.905	0.4783	0.6845	19.799	20.447	1.4591	0.0414	109.340	0.754	78.458	17.395	609.800	2.205	0.000
22/09/2019	06:00:00	3.741	0.5478	2.1062	20.018	22.122	1.1380	0.0650	38.362	0.728	93.372	15.808	609.810	2.085	0.000
22/09/2019	07:00:00	3.800	0.5635	3.8517	19.291	23.161	0.8208	0.0665	241.670	0.907	96.316	15.620	610.100	2.031	0.000
22/09/2019	08:00:00	6.779	0.5194	1.8314	16.277	18.116	0.6071	0.0646	281.630	0.290	95.349	15.879	610.440	10.072	0.000
22/09/2019	09:00:00	7.589	0.6389	4.3324	18.265	22.600	0.3363	0.0361	331.820	0.169	90.785	16.855	610.860	63.179	0.000
22/09/2019	10:00:00	13.006	0.5768	3.7064	12.630	16.311	0.4669	0.0394	48.358	1.025	80.700	18.130	611.370	169.500	0.000
22/09/2019	11:00:00	19.123	0.5213	4.2296	10.916	15.140	0.5499	0.0438	92.278	1.887	65.256	19.956	611.430	401.870	0.000
22/09/2019	12:00:00	25.816	0.3720	2.2490	5.156	7.406	0.2934	0.0370	97.590	1.818	57.592	21.250	611.170	534.440	0.000
22/09/2019	13:00:00	27.254	0.3754	1.4510	4.806	6.254	0.4093	0.0235	98.829	1.883	52.647	22.564	610.930	686.630	0.000
22/09/2019	14:00:00	29.650	0.3395	1.2620	3.985	5.240	0.3129	0.0236	127.870	1.528	45.329	24.133	610.260	962.160	0.000
22/09/2019	15:00:00	29.844	0.3087	0.8091	3.096	3.892	0.1941	0.0207	121.790	1.396	40.322	25.435	609.560	851.160	0.000
22/09/2019	16:00:00	28.439	0.2956	0.7027	3.039	3.739	0.3275	0.0258	102.120	1.815	37.883	26.349	608.930	736.310	0.000
22/09/2019	17:00:00	26.137	0.2776	0.6143	2.710	3.317	1.1206	0.0244	82.337	2.376	37.591	26.574	608.460	531.130	0.000
22/09/2019	18:00:00	24.705	0.2875	0.9743	3.003	3.979	0.7958	0.0240	81.956	2.854	36.928	26.558	608.350	423.180	0.000
22/09/2019	19:00:00	23.515	0.2932	0.9048	3.269	4.169	0.4716	0.0151	69.712	3.625	38.390	25.894	608.330	201.490	0.000
22/09/2019	20:00:00	22.117	0.3253	0.6175	5.049	5.663	0.3488	0.0234	79.096	4.056	41.627	23.848	608.680	12.081	0.000
22/09/2019	21:00:00	18.748	0.4314	0.6039	9.953	10.532	0.5405	0.0255	83.222	3.108	46.555	22.788	609.320	2.264	0.000
22/09/2019	22:00:00	18.412	0.4123	0.5689	7.441	8.017	0.9033	0.0355	78.910	4.109	62.178	20.916	609.860	2.260	0.000
22/09/2019	23:00:00	17.638	0.4052	0.5602	8.007	8.563	0.9514	0.0551	85.323	4.088	67.806	19.506	610.580	2.137	0.000

PROMEDIO 24 HORAS	17.409	0.87087	1.5721	10.306	11.873	0.62	0.0372
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	23/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
23/09/2019	00:00:00	19.536	0.3725	0.2080	6.574	6.780	1.2040	0.0255	103.410	3.520	68.123	18.845	611.120	2.170	0.000
23/09/2019	01:00:00	18.432	0.3503	0.1548	6.718	6.868	1.1395	0.0182	82.055	2.454	66.814	18.418	611.040	2.105	0.000
23/09/2019	02:00:00	17.433	0.2914	0.1548	5.905	6.046	0.7547	0.0198	74.203	2.051	67.584	17.800	611.000	2.081	0.000
23/09/2019	03:00:00	16.353	0.2784	0.2441	6.851	7.106	1.1926	0.0181	45.351	1.123	70.715	17.169	610.840	2.088	0.000
23/09/2019	04:00:00	17.177	0.2671	0.4178	4.879	5.297	0.6632	0.0243	45.078	1.284	79.608	16.557	610.600	2.050	0.000
23/09/2019	05:00:00	15.731	0.2606	0.6021	5.039	5.643	0.0000	0.0236	50.976	0.797	89.536	16.192	610.410	2.094	0.000
23/09/2019	06:00:00	9.064	0.3161	2.5752	16.400	18.914	0.0000	0.0201	85.053	0.848	89.975	15.953	610.270	1.852	0.000
23/09/2019	07:00:00	4.019	0.6043	16.0500	26.537	42.485	0.0000	0.0307	59.858	0.545	90.429	15.627	610.400	2.079	0.000
23/09/2019	08:00:00	2.785	1.3191	40.1860	29.335	69.392	0.0000	0.0547	171.220	0.193	91.718	15.570	610.840	12.290	0.000
23/09/2019	09:00:00	5.237	1.3082	35.7470	28.776	64.566	1.1451	0.0852	327.210	0.079	83.390	16.776	611.020	173.800	0.000
23/09/2019	10:00:00	14.929	0.6829	8.2448	18.339	26.565	0.0000	0.0968	119.700	0.738	68.874	18.325	611.230	316.090	0.000
23/09/2019	11:00:00	22.058	0.4160	3.5008	7.200	10.694	0.0000	0.0493	80.348	1.812	61.161	19.647	611.610	545.760	0.000
23/09/2019	12:00:00	25.575	0.3348	2.4819	5.902	8.387	0.0000	0.0306	92.736	1.766	52.109	20.831	611.650	680.640	0.000
23/09/2019	13:00:00	27.211	0.3241	1.3710	4.151	5.501	0.0000	0.0268	108.590	1.625	47.488	21.984	611.320	695.030	0.000
23/09/2019	14:00:00	25.723	0.2985	1.7888	4.311	6.043	0.0000	0.0275	96.571	2.651	38.049	23.893	610.550	923.370	0.000
23/09/2019	15:00:00	25.830	0.2723	2.4104	4.506	6.908	0.0000	0.0276	72.509	2.942	33.839	24.977	609.960	879.890	0.000
23/09/2019	16:00:00	25.384	0.2587	2.2700	4.691	6.909	0.0000	0.0330	81.492	3.043	32.084	25.807	609.460	795.240	0.000
23/09/2019	17:00:00	24.299	0.2759	2.3235	4.709	7.035	0.0000	0.0265	86.794	3.313	33.720	26.154	608.940	611.930	0.000
23/09/2019	18:00:00	23.875	0.2901	2.2287	4.223	6.452	0.0000	0.0235	70.743	3.963	34.010	25.903	608.690	422.310	0.000
23/09/2019	19:00:00	23.365	0.2661	1.8825	4.917	6.804	0.0000	0.0309	70.932	4.421	34.507	24.967	608.790	201.710	0.000
23/09/2019	20:00:00	21.173	0.3103	1.0841	6.965	8.032	0.0000	0.0329	73.612	3.757	38.976	23.408	608.920	16.131	0.000
23/09/2019	21:00:00	17.379	0.3977	1.0061	11.215	12.236	0.0000	0.0262	100.500	4.383	46.331	21.977	609.230	2.199	0.000
23/09/2019	22:00:00	17.195	0.3239	0.8140	10.527	11.342	0.0000	0.0338	98.352	4.180	44.337	20.720	609.790	2.245	0.000
23/09/2019	23:00:00	15.610	0.3575	0.9643	11.471	12.438	0.0000	0.0257	86.721	2.722	52.555	19.458	610.270	2.147	0.000

PROMEDIO 24 HORAS	18.141	0.42403	5.3629	10.006	15.352	0.25	0.0338
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	24/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/09/2019	00:00:00	18.822	0.3074	0.4663	8.006	8.485	0.0000	0.0278	95.871	3.734	61.884	18.589	610.540	2.115	0.000
24/09/2019	01:00:00	20.883	0.2662	0.1539	5.662	5.822	0.0000	0.0322	108.960	2.881	68.346	17.923	610.500	2.049	0.000
24/09/2019	02:00:00	19.370	0.2480	0.0432	5.872	5.913	0.7248	0.0295	122.890	2.245	69.283	17.507	610.210	2.035	0.000
24/09/2019	03:00:00	17.209	0.2503	0.1139	6.657	6.759	1.6804	0.0244	117.450	1.417	73.006	17.103	610.030	2.064	0.000
24/09/2019	04:00:00	15.393	0.2315	0.3510	6.979	7.352	1.7603	0.0308	67.136	0.967	78.429	16.485	609.770	1.996	0.000
24/09/2019	05:00:00	14.056	0.2250	0.3914	5.311	5.713	1.7464	0.0272	47.847	0.329	92.798	15.539	609.510	2.118	0.000
24/09/2019	06:00:00	8.682	0.2887	1.0380	13.679	14.768	2.1414	0.0281	45.895	0.158	94.860	15.144	609.690	2.194	0.000
24/09/2019	07:00:00	2.414	0.5420	13.4190	22.920	36.323	2.9982	0.0278	209.950	0.204	94.288	14.776	609.900	2.060	0.000
24/09/2019	08:00:00	1.948	1.4543	67.2910	24.485	91.777	3.0673	0.0562	318.580	0.297	93.638	14.796	610.130	16.332	0.000
24/09/2019	09:00:00	3.626	1.3490	46.9830	24.109	71.078	2.9819	0.1251	302.670	0.529	82.645	15.980	609.970	178.410	0.000
24/09/2019	10:00:00	9.316	1.0941	27.0140	30.596	57.707	3.1155	0.0999	155.320	0.663	68.103	18.032	610.300	380.230	0.000
24/09/2019	11:00:00	16.568	0.6280	13.8360	18.643	32.725	2.5571	0.1136	121.730	1.614	60.947	20.102	610.400	579.460	0.000
24/09/2019	12:00:00	26.920	0.3034	1.7018	6.111	7.812	2.1281	0.0776	143.730	1.368	51.611	21.930	610.180	768.150	0.000
24/09/2019	13:00:00	32.836	0.3586	2.1547	8.916	11.070	2.0697	0.0389	88.775	1.838	47.051	23.394	609.670	785.680	0.000
24/09/2019	14:00:00	39.774	0.2989	1.3934	7.147	8.534	1.9368	0.0466	221.440	1.284	41.535	24.095	608.960	875.640	0.000
24/09/2019	15:00:00	42.760	0.3011	1.1610	7.297	8.457	1.8615	0.0377	134.020	1.382	34.510	25.994	608.200	863.760	0.000
24/09/2019	16:00:00	39.634	0.2405	1.1125	6.388	7.504	1.7910	0.0445	122.080	2.004	29.935	27.153	607.370	773.960	0.000
24/09/2019	17:00:00	36.232	0.2295	0.8015	4.803	5.602	1.3760	0.0444	86.637	2.098	30.293	27.594	606.770	623.210	0.000
24/09/2019	18:00:00	32.868	0.2401	0.9039	4.342	5.246	0.9521	0.0376	86.838	2.361	33.989	27.384	606.460	413.850	0.000
24/09/2019	19:00:00	25.926	0.2460	1.2383	4.703	5.942	1.2904	0.0383	61.463	2.918	37.635	26.819	606.410	191.520	0.000
24/09/2019	20:00:00	20.767	0.3297	0.9455	8.351	9.303	1.3884	0.0207	85.333	4.293	45.499	24.655	606.730	17.898	0.000
24/09/2019	21:00:00	19.979	0.3331	0.6542	9.480	10.138	1.2231	0.0385	91.783	3.541	49.650	23.240	607.300	2.200	0.000
24/09/2019	22:00:00	17.245	0.3361	0.5638	11.073	11.617	1.4632	0.0377	107.860	3.645	59.321	21.781	607.820	2.198	0.000
24/09/2019	23:00:00	16.091	0.2995	0.6410	8.342	8.981	1.3455	0.0704	99.033	4.372	71.603	20.409	608.360	2.251	0.000

PROMEDIO 24 HORAS	<b>20.805</b>	<b>0.43338</b>	<b>7.6822</b>	<b>10.828</b>	<b>18.526</b>	<b>1.73</b>	<b>0.0481</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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



## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	25/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
25/09/2019	00:00:00	15.401	0.3092	0.5256	8.864	9.388	1.0667	0.0463	92.077	3.503	75.740	19.847	608.730	2.111	0.000
25/09/2019	01:00:00	17.088	0.2384	0.2976	6.029	6.326	1.6861	0.0329	88.967	3.528	81.029	19.059	608.900	2.039	0.000
25/09/2019	02:00:00	16.069	0.2711	0.2470	5.162	5.409	0.7524	0.0227	63.792	1.607	86.341	18.309	608.920	2.012	0.000
25/09/2019	03:00:00	13.567	0.3076	0.2857	7.191	7.483	0.0000	0.0147	61.060	1.275	91.041	17.845	608.650	2.012	0.000
25/09/2019	04:00:00	15.380	0.3212	0.0674	5.140	5.197	0.0000	0.0228	125.190	1.891	91.033	18.269	608.560	1.971	0.000
25/09/2019	05:00:00	6.011	0.3826	1.0105	16.491	17.547	0.0000	0.0192	314.640	0.652	93.458	17.146	608.560	1.949	0.000
25/09/2019	06:00:00	3.974	0.3817	1.7010	18.686	20.430	0.0000	0.0278	312.990	0.563	97.621	16.390	608.520	2.158	0.000
25/09/2019	07:00:00	1.909	0.7584	29.3660	22.072	51.527	0.0000	0.0325	320.680	0.642	99.685	16.121	608.590	2.084	0.000
25/09/2019	08:00:00	1.883	1.3327	49.1940	21.754	70.960	0.0000	0.0661	322.370	0.112	100.000	16.000	608.650	13.961	0.000
25/09/2019	09:00:00	3.077	1.5491	51.2610	23.990	75.235	0.0631	0.0842	306.490	0.369	93.015	17.349	609.090	157.530	0.000
25/09/2019	10:00:00	8.592	1.2387	24.9840	25.497	50.461	0.3056	0.0991	156.290	0.396	72.585	19.678	609.380	385.450	0.000
25/09/2019	11:00:00	21.884	0.6956	6.5560	15.409	22.019	0.1149	0.0663	173.680	0.579	60.100	22.079	609.260	595.350	0.000
25/09/2019	12:00:00	31.450	0.5202	2.4651	8.583	11.041	0.0565	0.0498	89.841	1.554	53.251	23.731	609.270	745.470	0.000
25/09/2019	13:00:00	31.987	0.3863	0.9947	3.952	4.940	0.0000	0.0569	130.650	1.529	45.373	25.751	608.860	862.120	0.000
25/09/2019	14:00:00	33.324	0.3914	1.1701	4.668	5.775	0.0000	0.0460	113.410	1.762	39.619	26.579	608.240	801.780	0.000
25/09/2019	15:00:00	35.246	0.3780	0.8231	7.097	7.954	0.0000	0.0421	129.670	2.412	32.170	26.845	607.650	373.920	0.000
25/09/2019	16:00:00	44.381	0.4076	1.1039	7.591	8.698	0.0000	0.0314	171.720	2.001	30.666	27.875	606.880	797.720	0.000
25/09/2019	17:00:00	42.341	0.3253	0.7547	5.914	6.663	0.0000	0.0512	158.090	1.873	20.723	29.280	606.210	607.950	0.000
25/09/2019	18:00:00	44.181	0.3932	0.8201	8.229	9.045	0.0000	0.0339	146.650	2.029	23.020	29.576	605.830	425.220	0.000
25/09/2019	19:00:00	31.233	0.4233	1.0676	7.604	8.676	0.0000	0.0365	93.059	4.353	33.932	28.141	605.880	176.450	0.000
25/09/2019	20:00:00	25.050	0.5024	0.8468	10.949	11.809	0.0000	0.0242	97.431	4.828	40.467	25.918	606.570	11.587	0.000
25/09/2019	21:00:00	22.881	0.5247	0.4789	10.022	10.487	0.0000	0.0293	103.690	4.321	56.714	24.102	607.250	2.234	0.000
25/09/2019	22:00:00	20.950	0.4936	0.4916	9.215	9.708	0.0000	0.0897	104.740	4.769	70.342	22.339	607.940	2.254	0.000
25/09/2019	23:00:00	18.281	0.4973	0.4986	11.356	11.837	0.0000	0.0512	96.058	3.489	76.103	21.439	608.720	2.285	0.000

PROMEDIO 24 HORAS	<b>21.089</b>	<b>0.54289</b>	<b>7.3755</b>	<b>11.311</b>	<b>18.692</b>	<b>0.17</b>	<b>0.0449</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	26/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
26/09/2019	00:00:00	18.060	0.4531	0.2920	11.451	11.739	0.0000	0.0425	101.930	2.699	74.098	21.117	609.240	2.170	0.000
26/09/2019	01:00:00	23.969	0.3781	0.2164	6.907	7.124	0.0000	0.0374	126.270	3.759	69.299	20.658	609.130	2.126	0.000
26/09/2019	02:00:00	26.932	0.3249	0.3109	6.700	7.006	0.0000	0.0119	117.990	2.788	64.233	20.440	609.070	2.101	0.000
26/09/2019	03:00:00	20.591	0.3957	0.1617	17.017	17.191	0.5369	0.0099	109.510	1.629	63.254	20.358	608.950	2.132	0.000
26/09/2019	04:00:00	22.448	0.3388	0.2800	9.531	9.820	0.4374	0.0355	108.230	1.531	67.852	19.853	608.600	2.136	0.000
26/09/2019	05:00:00	22.209	0.3258	0.1011	6.871	6.981	0.0864	0.0404	139.080	1.128	75.086	19.165	608.480	2.137	0.000
26/09/2019	06:00:00	8.934	0.3846	0.9492	16.650	17.587	0.0000	0.0301	325.660	0.906	98.323	18.013	608.720	2.038	0.000
26/09/2019	07:00:00	4.364	0.6154	5.5436	25.035	30.600	0.0000	0.0372	303.110	0.891	97.897	18.053	608.850	2.111	0.000
26/09/2019	08:00:00	5.654	0.8350	8.8451	22.389	31.164	0.0000	0.0441	208.280	1.011	100.000	17.687	608.860	11.553	0.000
26/09/2019	09:00:00	8.708	0.7594	7.0015	17.159	24.137	0.0000	0.0595	83.016	0.572	99.784	17.924	608.900	142.260	0.000
26/09/2019	10:00:00	14.508	0.6624	7.6719	14.624	22.307	0.0000	0.0708	275.340	1.020	88.596	19.525	609.360	357.410	0.000
26/09/2019	11:00:00	26.008	0.4092	1.9158	6.405	8.328	0.0000	0.0619	208.870	0.799	66.623	21.801	609.410	562.850	0.000
26/09/2019	12:00:00	31.606	0.3801	1.3163	4.589	5.911	0.0000	0.0196	162.220	1.500	57.483	23.625	609.420	715.720	0.000
26/09/2019	13:00:00	35.135	0.3684	0.7404	4.534	5.276	0.0000	0.0448	119.490	1.726	51.933	25.026	609.020	807.630	0.000
26/09/2019	14:00:00	39.878	0.3705	0.8521	5.533	6.365	0.3428	0.0607	112.990	1.630	39.981	26.759	608.280	847.200	0.000
26/09/2019	15:00:00	40.162	0.3063	0.7547	4.039	4.803	0.1730	0.0464	99.639	1.890	35.397	27.815	607.250	683.110	0.000
26/09/2019	16:00:00	31.353	0.2884	0.9014	3.912	4.804	0.0000	0.0513	87.467	2.551	32.468	28.558	606.430	574.100	0.000
26/09/2019	17:00:00	30.172	0.2801	0.9570	3.797	4.758	0.0000	0.0312	92.431	3.167	30.485	29.171	605.780	540.470	0.000
26/09/2019	18:00:00	28.153	0.3350	1.0873	5.830	6.920	0.0000	0.0341	78.693	4.207	35.209	27.806	605.660	192.070	0.000
26/09/2019	19:00:00	26.943	0.3803	1.1936	6.975	8.184	0.0000	0.0270	80.902	4.055	38.731	26.848	605.940	44.247	0.000
26/09/2019	20:00:00	26.488	0.4267	0.6315	8.690	9.304	0.0145	0.0245	77.355	4.025	43.104	25.313	606.310	6.076	0.000
26/09/2019	21:00:00	23.841	0.4591	0.4460	9.162	9.624	0.0000	0.0497	93.227	4.462	56.487	23.593	607.190	2.341	0.000
26/09/2019	22:00:00	22.911	0.4197	0.4030	6.738	7.145	0.0000	0.0789	96.265	4.344	68.176	21.865	608.130	2.228	0.000
26/09/2019	23:00:00	23.678	0.3965	0.3126	5.614	5.933	0.0000	0.0432	89.299	3.551	70.876	21.057	608.770	2.269	0.000

PROMEDIO 24 HORAS	<b>23.446</b>	<b>0.42889</b>	<b>1.7869</b>	<b>9.590</b>	<b>11.376</b>	<b>0.07</b>	<b>0.0414</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	27/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
27/09/2019	00:00:00	26.548	0.3348	0.1636	4.028	4.193	0.0000	0.0383	82.089	3.576	71.838	20.491	608.950	2.250	0.000
27/09/2019	01:00:00	25.404	0.3204	0.1224	4.526	4.649	0.0000	0.0325	83.615	3.338	69.749	20.282	608.770	2.116	0.000
27/09/2019	02:00:00	24.620	0.2661	0.0049	3.182	3.193	0.3065	0.0248	77.948	3.369	70.712	19.894	608.510	2.046	0.000
27/09/2019	03:00:00	23.736	0.2388	0.0841	3.107	3.195	0.9188	0.0307	89.495	3.247	70.865	19.616	607.960	2.132	0.000
27/09/2019	04:00:00	21.602	0.2445	0.0568	6.060	6.132	0.6780	0.0204	115.770	2.087	71.066	19.327	607.650	2.071	0.000
27/09/2019	05:00:00	21.185	0.2550	0.1623	8.672	8.833	0.9714	0.0222	108.300	2.064	71.412	19.036	607.590	2.120	0.000
27/09/2019	06:00:00	20.470	0.2708	0.1729	9.364	9.543	1.5012	0.0246	118.600	2.251	73.551	18.824	607.680	2.050	0.000
27/09/2019	07:00:00	12.805	0.4334	2.1835	19.495	21.705	1.2138	0.0293	70.158	1.709	79.935	18.235	607.760	2.106	0.000
27/09/2019	08:00:00	2.950	0.9631	24.6390	33.602	58.350	1.9523	0.0527	72.870	1.148	87.532	17.894	607.870	13.442	0.000
27/09/2019	09:00:00	7.638	0.7574	16.4150	31.052	47.453	2.5153	0.0916	109.460	1.540	74.369	18.984	608.160	173.730	0.000
27/09/2019	10:00:00	15.065	0.6978	14.2010	24.833	39.028	2.1739	0.0485	109.570	1.716	62.972	20.584	608.400	422.830	0.000
27/09/2019	11:00:00	24.060	0.4379	5.0805	11.158	16.229	1.7464	0.0548	100.740	1.994	53.442	22.042	608.460	591.540	0.000
27/09/2019	12:00:00	28.748	0.3669	2.2403	6.001	8.234	1.3165	0.0372	90.658	2.334	49.353	23.269	608.320	745.790	0.000
27/09/2019	13:00:00	29.284	0.3504	1.1890	4.295	5.480	1.1586	0.0399	116.120	2.081	43.190	24.598	607.970	869.590	0.000
27/09/2019	14:00:00	28.173	0.3193	1.1880	3.999	5.178	0.7553	0.0395	102.220	2.423	35.252	26.010	607.400	909.160	0.000
27/09/2019	15:00:00	28.139	0.2587	0.8659	3.014	3.880	0.5054	0.0403	86.521	2.665	32.082	26.824	606.470	860.470	0.000
27/09/2019	16:00:00	27.411	0.2574	0.9753	3.207	4.184	0.6968	0.0425	86.736	2.697	31.732	27.536	605.660	757.470	0.000
27/09/2019	17:00:00	25.485	0.2607	1.3856	3.900	5.284	0.4899	0.0292	79.696	3.501	32.144	27.828	605.120	544.980	0.000
27/09/2019	18:00:00	25.202	0.2721	1.1242	4.061	5.178	0.7599	0.0309	86.727	4.078	33.715	27.357	604.810	403.610	0.000
27/09/2019	19:00:00	25.134	0.3024	1.4119	6.231	7.658	0.8555	0.0300	82.634	4.509	32.749	26.583	605.070	180.410	0.000
27/09/2019	20:00:00	21.366	0.4165	1.2079	11.115	12.310	0.7948	0.0262	88.293	3.881	37.241	24.884	605.520	14.380	0.000
27/09/2019	21:00:00	18.062	0.4476	1.0152	12.634	13.659	0.9545	0.0251	97.098	4.573	44.281	23.399	605.830	2.337	0.000
27/09/2019	22:00:00	19.732	0.3714	0.8965	8.318	9.230	0.6348	0.0425	89.660	5.007	51.662	21.123	606.650	2.486	0.000
27/09/2019	23:00:00	19.870	0.3545	0.6250	6.856	7.485	0.7967	0.0350	87.432	4.588	61.076	19.635	607.140	2.311	0.000

PROMEDIO 24 HORAS	<b>21.779</b>	<b>0.38324</b>	<b>3.2255</b>	<b>9.696</b>	<b>12.928</b>	<b>0.99</b>	<b>0.0370</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	28/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
28/09/2019	00:00:00	20.026	0.3377	0.4084	5.172	5.578	0.7497	0.0580	72.504	3.523	68.561	18.553	607.570	2.260	0.000
28/09/2019	01:00:00	19.546	0.3157	0.3288	4.707	5.038	0.6399	0.0327	78.261	3.263	69.167	18.013	607.900	2.234	0.000
28/09/2019	02:00:00	14.405	0.3380	0.3231	11.517	11.876	0.7184	0.0143	112.060	1.728	66.224	17.882	607.820	2.184	0.000
28/09/2019	03:00:00	9.862	0.3609	0.5498	18.765	19.320	1.3184	0.0260	102.720	1.283	69.097	17.447	607.630	2.136	0.000
28/09/2019	04:00:00	10.703	0.3476	1.5678	14.345	15.901	1.0849	0.0434	57.377	0.462	72.736	16.783	607.280	2.187	0.000
28/09/2019	05:00:00	9.769	0.3822	0.6594	12.016	12.679	0.5421	0.0385	121.340	0.670	77.810	16.180	606.920	2.085	0.000
28/09/2019	06:00:00	4.275	0.5237	6.6099	20.984	27.614	0.9540	0.0612	300.600	0.076	78.322	16.130	606.950	2.052	0.000
28/09/2019	07:00:00	2.019	0.6805	22.3620	24.218	46.440	1.0721	0.0662	301.700	1.243	80.680	15.751	607.180	2.079	0.000
28/09/2019	08:00:00	3.209	0.7125	10.6070	24.198	34.795	1.1885	0.0784	252.890	0.756	90.142	15.984	607.320	7.127	0.000
28/09/2019	09:00:00	5.274	0.7001	11.0870	19.216	30.246	1.0021	0.0652	101.840	0.549	96.991	16.398	607.500	77.346	0.000
28/09/2019	10:00:00	10.224	0.7758	14.8230	21.550	36.340	1.1897	0.0945	70.048	0.570	77.692	18.633	607.940	339.580	0.000
28/09/2019	11:00:00	18.370	0.5136	5.4642	11.523	17.011	0.9923	0.0747	105.990	2.468	62.246	20.571	608.210	403.750	0.000
28/09/2019	12:00:00	21.172	0.3580	2.6358	5.795	8.420	0.7934	0.0356	86.482	2.589	54.813	22.421	608.140	598.930	0.000
28/09/2019	13:00:00	21.632	0.3429	1.6696	5.558	7.236	0.6741	0.0256	124.850	2.810	50.972	23.255	608.090	430.400	0.000
28/09/2019	14:00:00	21.684	0.3393	2.1241	5.686	7.809	0.5005	0.0299	96.271	2.958	48.035	24.296	607.570	463.950	0.000
28/09/2019	15:00:00	22.125	0.2996	1.6662	3.870	5.554	0.5582	0.0344	87.787	3.268	44.462	25.412	607.010	707.000	0.000
28/09/2019	16:00:00	22.000	0.2766	1.5894	3.391	4.975	0.5637	0.0331	74.218	3.526	41.390	26.210	606.180	684.010	0.000
28/09/2019	17:00:00	20.729	0.2610	1.7519	3.847	5.601	0.3786	0.0285	74.284	5.069	37.819	26.677	605.790	553.830	0.000
28/09/2019	18:00:00	20.328	0.2840	1.7104	3.901	5.616	0.3858	0.0592	78.007	5.010	41.128	26.013	605.680	343.690	0.000
28/09/2019	19:00:00	19.236	0.2994	1.3110	3.924	5.224	0.3921	0.0361	73.380	4.784	48.530	24.294	605.970	83.525	0.000
28/09/2019	20:00:00	17.369	0.3246	0.9610	4.323	5.288	0.4307	0.0467	77.059	5.229	56.370	22.679	606.370	10.160	0.000
28/09/2019	21:00:00	16.789	0.3744	0.9804	6.831	7.794	0.4770	0.0437	85.365	4.746	60.388	21.624	606.810	2.153	0.000
28/09/2019	22:00:00	19.490	0.3475	0.6645	5.461	6.127	0.6537	0.0344	75.848	4.043	65.580	20.734	607.210	2.137	0.000
28/09/2019	23:00:00	19.038	0.3352	0.7497	5.751	6.514	0.5556	0.0342	84.587	4.892	71.664	20.136	607.650	2.293	0.000

PROMEDIO 24 HORAS	15.386	0.40961	3.8585	10.273	14.125	0.74	0.0456
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	29/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
29/09/2019	00:00:00	19.096	0.3296	0.6752	4.459	5.137	0.7130	0.0279	81.746	4.417	74.042	19.765	608.240	2.178	0.000
29/09/2019	01:00:00	CAL	0.3838	0.6159	3.560	4.172	0.6128	0.0183	84.185	4.925	76.665	19.118	608.340	2.161	0.000
29/09/2019	02:00:00	19.942	0.3745	CAL	CAL	CAL	0.5111	0.0201	88.397	3.965	83.362	18.534	608.100	2.177	0.000
29/09/2019	03:00:00	19.586	10.5510	0.0823	2.875	2.955	0.5634	0.0163	78.756	3.591	81.288	18.433	607.900	2.048	0.000
29/09/2019	04:00:00	18.873	0.3805	0.1970	2.202	2.399	CAL	0.0130	73.331	2.757	83.875	18.397	607.600	1.987	0.000
29/09/2019	05:00:00	17.927	0.3282	0.1602	2.458	2.618	0.3390	0.0120	71.503	2.771	90.247	18.060	607.370	2.029	0.000
29/09/2019	06:00:00	15.173	0.3444	0.0181	3.427	3.450	0.0911	0.0122	68.390	1.611	100.000	17.265	607.690	1.745	0.300
29/09/2019	07:00:00	13.897	0.3400	0.3823	4.183	4.562	0.3689	0.0106	59.297	2.221	100.000	17.232	607.920	1.907	0.000
29/09/2019	08:00:00	11.787	0.3937	0.9660	6.243	7.203	0.1343	0.0093	51.953	1.469	100.000	17.272	608.120	3.340	0.000
29/09/2019	09:00:00	13.272	0.4059	1.2006	5.736	6.942	0.4392	0.0125	62.788	2.635	100.000	17.369	608.300	33.052	0.000
29/09/2019	10:00:00	12.173	0.4770	1.9160	6.649	8.566	0.1231	0.0135	68.059	2.171	100.000	17.307	608.350	80.124	0.100
29/09/2019	11:00:00	12.968	0.4643	2.1262	4.974	7.103	0.1978	0.0076	82.072	3.615	99.338	18.304	608.550	154.620	1.000
29/09/2019	12:00:00	13.379	0.4907	3.1090	5.571	8.678	0.3421	0.0066	87.958	4.684	94.947	19.146	608.540	397.770	0.100
29/09/2019	13:00:00	13.902	0.4274	3.0347	4.307	7.334	0.6160	0.0112	94.311	5.915	77.091	20.388	608.220	397.610	0.100
29/09/2019	14:00:00	15.206	0.3792	2.2793	3.406	5.692	0.2394	0.0134	81.918	5.160	71.086	21.350	607.710	565.810	0.000
29/09/2019	15:00:00	14.979	0.3818	2.2508	4.157	6.408	0.0585	0.0194	78.859	4.690	71.773	21.397	607.110	308.570	0.000
29/09/2019	16:00:00	15.707	0.3433	1.7605	3.049	4.807	0.4201	0.0235	75.501	5.596	69.166	21.821	606.500	503.900	0.000
29/09/2019	17:00:00	14.718	0.3523	1.6529	3.152	4.804	0.3454	0.0156	77.100	5.510	73.946	20.886	606.380	206.330	0.000
29/09/2019	18:00:00	13.238	0.4029	1.7768	4.036	5.809	0.2554	0.0152	71.240	4.379	89.983	19.693	606.570	73.672	0.000
29/09/2019	19:00:00	12.691	0.3962	1.3513	4.695	6.046	0.1049	0.0126	83.554	4.003	93.576	19.381	606.600	23.931	0.100
29/09/2019	20:00:00	9.714	0.4620	1.5761	7.817	9.399	0.3942	0.0090	92.725	3.023	98.311	18.591	606.860	4.701	0.600
29/09/2019	21:00:00	5.525	0.6439	3.4931	14.162	17.657	0.1318	0.0063	69.306	1.259	100.000	18.183	607.090	2.000	0.000
29/09/2019	22:00:00	2.676	0.7318	10.0500	18.536	28.574	0.1738	0.0033	85.640	1.631	99.801	18.722	607.440	1.897	0.100
29/09/2019	23:00:00	7.452	0.5180	3.2763	10.350	13.590	0.2130	0.0071	154.550	2.019	99.878	17.830	608.090	1.570	6.000

PROMEDIO 24 HORAS	13.647	0.84592	1.9109	5.652	7.561	0.32	0.0132
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

## REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	30/09/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	CONTAMINANTES							DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
30/09/2019	00:00:00	10.886	0.4918	0.5088	7.059	7.556	0.4011	0.0114	135.090	1.018	100.000	17.711	608.200	1.001	0.800
30/09/2019	01:00:00	3.974	0.5876	2.0325	17.034	19.120	0.3801	0.0079	78.306	1.020	100.000	17.191	608.230	0.812	0.100
30/09/2019	02:00:00	2.674	0.5104	4.3158	19.463	23.776	0.3255	0.0070	101.850	0.406	100.000	17.491	608.140	1.512	0.000
30/09/2019	03:00:00	2.465	0.4844	3.3790	16.499	19.876	0.3098	0.0116	35.456	0.746	100.000	17.680	608.010	1.684	0.000
30/09/2019	04:00:00	2.590	0.4005	2.8351	14.667	17.503	0.3008	0.0219	54.661	1.016	100.000	17.536	607.790	1.761	0.000
30/09/2019	05:00:00	2.907	0.3332	1.5013	14.052	15.545	0.1645	0.0234	95.981	1.016	100.000	17.663	607.690	1.868	0.000
30/09/2019	06:00:00	1.746	0.4288	10.3220	15.527	25.873	0.4188	0.0281	79.408	1.426	100.000	17.718	607.830	1.817	0.000
30/09/2019	07:00:00	1.685	0.6373	25.6890	16.427	42.149	0.1969	0.0208	106.110	1.943	100.000	17.896	608.070	1.869	0.000
30/09/2019	08:00:00	2.010	0.9561	37.2290	16.146	53.338	0.6429	0.0226	112.020	2.113	100.000	17.999	608.480	4.177	0.000
30/09/2019	09:00:00	2.323	1.1231	45.1660	16.722	61.742	0.9174	0.0269	110.870	2.149	100.000	18.202	608.850	39.948	0.000
30/09/2019	10:00:00	4.342	0.7075	21.6410	13.140	34.797	0.8325	0.0366	124.390	2.292	96.311	19.226	609.080	216.830	0.000
30/09/2019	11:00:00	6.437	0.5541	9.7832	10.060	19.839	0.6817	0.0223	132.500	3.006	89.845	19.870	609.410	213.760	0.000
30/09/2019	12:00:00	9.408	0.5095	6.7436	8.155	14.925	0.6768	0.0262	139.610	3.387	80.451	20.554	609.450	270.730	0.000
30/09/2019	13:00:00	12.625	0.4756	4.4640	6.473	10.949	0.7203	0.0109	139.590	3.622	69.995	21.083	609.390	352.790	0.000
30/09/2019	14:00:00	14.910	0.4428	3.6144	5.520	9.132	0.7413	0.0109	136.180	3.872	63.359	22.198	608.690	547.820	0.100
30/09/2019	15:00:00	17.051	0.3937	3.0103	4.938	7.952	0.0747	0.0170	138.090	3.565	55.493	24.070	608.010	859.330	0.000
30/09/2019	16:00:00	18.897	0.3670	2.3549	4.827	7.169	0.0202	0.0141	139.420	3.202	51.179	24.514	607.400	557.330	0.000
30/09/2019	17:00:00	19.227	0.3936	2.1561	5.716	7.877	0.2482	0.0144	154.380	3.056	50.610	24.640	606.960	352.250	0.000
30/09/2019	18:00:00	12.850	0.5051	3.4215	8.251	11.682	0.4772	0.0204	71.577	3.709	85.561	21.165	606.870	98.029	0.000
30/09/2019	19:00:00	12.074	0.4397	3.6967	7.587	11.268	0.2821	0.0527	77.599	2.790	77.547	21.117	606.950	84.895	0.000
30/09/2019	20:00:00	11.808	0.4542	1.6246	8.538	10.202	0.4142	0.0299	86.489	2.163	79.046	20.604	607.440	15.170	0.000
30/09/2019	21:00:00	9.322	0.5030	2.0436	13.687	15.726	0.2903	0.0180	91.110	2.138	86.225	19.989	607.620	2.084	0.000
30/09/2019	22:00:00	10.865	0.4032	1.4378	7.428	8.847	0.0000	0.0169	91.443	3.243	88.224	19.655	608.200	2.073	0.000
30/09/2019	23:00:00	12.054	0.3773	1.0742	7.393	8.472	0.0000	0.0156	96.271	3.843	91.659	18.825	608.510	2.106	0.000

PROMEDIO 24 HORAS	<b>8.547</b>	<b>0.51996</b>	<b>8.3352</b>	<b>11.055</b>	<b>19.388</b>	<b>0.40</b>	<b>0.0203</b>
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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