

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	01/10/2019

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							
01/10/2019	00:00:00	10.796	0.3859	0.7003	7.604	8.305	0.3376	0.0139	95.786	3.006	96.165	18.678	608.670	1.944	0.100
01/10/2019	01:00:00	10.880	0.3743	0.4815	7.206	7.689	0.3512	0.0225	74.966	2.914	100.000	18.092	608.570	1.983	0.000
01/10/2019	02:00:00	14.284	0.2781	0.3679	3.996	4.362	0.2665	0.0135	63.966	1.905	100.000	17.684	608.650	1.928	0.000
01/10/2019	03:00:00	12.112	0.2587	0.4454	4.234	4.678	0.2074	0.0121	45.066	0.872	100.000	17.757	608.600	1.994	0.000
01/10/2019	04:00:00	12.553	0.2431	0.1498	3.825	3.975	0.3369	0.0106	74.557	2.133	99.141	17.706	608.270	1.898	0.000
01/10/2019	05:00:00	11.614	0.2316	0.0999	2.939	3.037	0.3599	0.0111	74.687	1.600	99.184	17.346	607.990	2.051	0.000
01/10/2019	06:00:00	11.042	0.2554	0.3139	5.446	5.764	0.1537	0.0130	79.233	2.915	99.042	17.294	608.310	2.024	0.000
01/10/2019	07:00:00	8.859	0.3532	1.0634	9.045	10.125	0.0000	0.0223	73.912	2.261	98.689	16.998	608.580	2.064	0.000
01/10/2019	08:00:00	4.744	0.6316	7.1859	17.116	24.352	0.0525	0.0205	85.800	2.253	97.275	17.116	608.910	20.102	0.000
01/10/2019	09:00:00	6.849	0.6966	10.3020	15.454	25.744	0.3405	0.0420	79.321	2.206	90.590	17.915	608.980	175.110	0.000
01/10/2019	10:00:00	12.228	0.4997	6.8418	9.244	16.093	0.8007	0.0356	85.597	1.765	77.742	19.327	609.000	394.200	0.000
01/10/2019	11:00:00	15.338	0.4128	3.9746	7.715	11.688	0.5657	0.0321	95.821	2.151	67.719	20.250	609.100	363.080	0.000
01/10/2019	12:00:00	17.665	CAL	CAL	CAL	CAL	0.1090	0.0309	95.525	2.620	62.030	21.126	609.340	335.890	0.000
01/10/2019	13:00:00	20.609	CAL	2.2869	4.861	7.136	CAL	0.0458	83.240	3.233	57.427	22.139	608.970	427.020	0.000
01/10/2019	14:00:00	CAL	0.4507	1.9973	4.701	6.702	0.3801	0.0403	79.984	3.647	57.694	22.365	608.610	404.480	0.000
01/10/2019	15:00:00	18.795	0.3593	2.0027	4.651	6.678	0.0743	0.0222	82.469	3.418	54.796	23.001	608.070	343.230	0.000
01/10/2019	16:00:00	18.647	0.3107	1.8368	3.577	5.405	0.0715	0.0000	79.434	4.151	52.010	23.884	607.570	610.310	0.000
01/10/2019	17:00:00	18.296	0.3109	1.9424	4.624	6.559	0.1280	0.0200	74.903	4.021	50.813	23.746	607.380	351.140	0.000
01/10/2019	18:00:00	19.177	0.2903	2.0844	4.230	6.324	0.1312	0.0202	86.251	3.871	49.447	24.094	607.040	390.180	0.000
01/10/2019	19:00:00	19.284	0.3235	1.7808	4.914	6.685	0.1634	0.0163	68.796	3.669	53.600	23.375	606.980	170.780	0.000
01/10/2019	20:00:00	15.997	0.3610	1.4440	8.380	9.840	0.0000	0.0419	80.781	3.540	59.789	21.416	607.280	9.952	0.000
01/10/2019	21:00:00	13.419	0.4284	1.5537	12.318	13.843	0.0000	0.0333	103.370	2.652	65.041	20.448	607.440	2.139	0.000
01/10/2019	22:00:00	13.349	0.3741	1.2334	10.647	11.905	0.0000	0.0323	105.620	3.746	71.429	19.518	607.920	2.216	0.000
01/10/2019	23:00:00	13.997	0.3339	1.0263	9.327	10.387	0.0185	0.0323	95.309	3.998	72.060	18.679	608.380	2.214	0.000

PROMEDIO 24 HORAS	13.936	0.37108	2.2224	7.220	9.447	0.21	0.0244
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	02/10/2019

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							
02/10/2019	00:00:00	16.475	0.3031	0.5505	6.840	7.392	0.0000	0.0072	75.596	2.877	74.173	17.902	608.900	2.026	0.000
02/10/2019	01:00:00	13.179	0.3219	0.5371	11.410	11.980	0.0670	0.0246	65.461	1.313	74.250	17.881	608.870	1.974	0.000
02/10/2019	02:00:00	14.210	0.2993	0.4913	7.697	8.186	0.9597	0.0279	63.778	1.461	78.301	17.849	608.740	1.906	0.000
02/10/2019	03:00:00	13.401	0.2791	0.3123	8.801	9.113	1.6344	0.0329	101.240	1.100	77.203	17.961	608.600	1.996	0.000
02/10/2019	04:00:00	11.127	0.3388	0.1858	10.006	10.214	1.1944	0.0278	67.494	1.092	85.859	17.528	608.480	1.983	0.000
02/10/2019	05:00:00	15.415	0.2538	0.1519	5.134	5.303	1.1893	0.0498	64.183	2.351	90.792	17.516	608.400	1.939	0.000
02/10/2019	06:00:00	14.285	0.2496	0.2879	5.015	5.310	1.5639	0.0201	81.232	2.651	88.281	17.427	608.500	1.988	0.000
02/10/2019	07:00:00	6.316	0.4482	5.0165	15.640	20.744	1.6271	0.0112	93.550	1.533	86.940	17.098	608.650	1.995	0.000
02/10/2019	08:00:00	2.755	0.9504	24.6310	19.384	43.973	1.7772	0.0263	76.652	0.741	96.225	16.074	608.900	13.766	0.000
02/10/2019	09:00:00	4.411	0.9472	19.4240	15.624	34.893	2.1464	0.0682	128.350	0.860	93.410	16.590	609.110	162.530	0.000
02/10/2019	10:00:00	9.324	0.6338	11.9810	12.622	24.569	1.7882	0.0891	210.430	0.716	77.904	18.306	609.240	392.730	0.000
02/10/2019	11:00:00	14.678	0.5218	8.5582	10.682	19.243	1.3927	0.0648	142.050	1.191	63.631	20.513	609.330	634.650	0.000
02/10/2019	12:00:00	18.188	0.3588	3.5573	6.056	9.592	1.6677	0.0568	103.480	1.567	57.779	21.612	609.220	573.480	0.000
02/10/2019	13:00:00	20.843	0.3079	1.9293	3.650	5.582	1.4791	0.0343	93.577	1.792	52.602	22.833	608.930	596.630	0.000
02/10/2019	14:00:00	20.722	0.3235	1.8447	4.653	6.541	1.0726	0.0223	71.329	2.222	49.678	23.484	608.470	546.860	0.000
02/10/2019	15:00:00	20.564	0.3002	1.7545	3.592	5.347	1.0638	0.0242	71.337	2.724	44.221	24.580	607.920	708.100	0.000
02/10/2019	16:00:00	22.727	0.2387	1.1220	2.992	4.116	1.2135	0.0230	90.058	3.014	39.639	25.112	607.290	737.540	0.000
02/10/2019	17:00:00	21.955	0.2512	1.3476	3.326	4.671	1.1875	0.0233	70.765	4.045	40.207	25.271	606.840	532.820	0.000
02/10/2019	18:00:00	22.099	0.2565	1.3298	3.791	5.123	0.9507	0.0178	79.695	3.826	37.375	25.032	606.810	402.380	0.000
02/10/2019	19:00:00	21.763	0.2585	1.5146	4.427	5.924	0.8818	0.0165	81.140	4.571	37.392	24.066	606.860	174.220	0.000
02/10/2019	20:00:00	17.605	0.3681	1.3643	9.767	11.138	1.2213	0.0177	87.474	3.811	44.990	22.207	607.100	8.893	0.000
02/10/2019	21:00:00	14.970	0.4307	1.2472	10.370	11.629	0.9950	0.0207	104.560	4.160	61.162	20.739	607.730	2.195	0.000
02/10/2019	22:00:00	13.869	0.3826	0.9456	9.240	10.179	0.9016	0.0514	91.676	4.001	65.444	19.646	608.320	2.197	0.000
02/10/2019	23:00:00	14.058	0.3480	0.9589	8.546	9.506	1.1877	0.0310	88.409	3.843	70.579	18.857	608.780	2.127	0.000

PROMEDIO 24 HORAS	15.206	0.39048	3.7935	8.303	12.094	1.22	0.0329
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	03/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
03/10/2019	00:00:00	15.050	0.3186	0.5714	8.573	9.144	1.2720	0.0267	98.650	3.481	67.082	18.422	609.030	2.029	0.000
03/10/2019	01:00:00	15.614	0.2954	0.3365	7.241	7.577	1.2481	0.0143	82.894	2.394	70.695	17.773	609.100	1.936	0.000
03/10/2019	02:00:00	12.871	0.2875	0.1349	9.907	10.033	0.0695	0.0259	111.490	1.249	76.019	17.147	609.380	1.992	0.000
03/10/2019	03:00:00	11.325	0.3153	0.2303	11.704	11.933	0.0000	0.0229	62.249	0.737	76.489	17.176	609.090	2.056	0.000
03/10/2019	04:00:00	9.619	0.3520	0.5210	13.076	13.584	0.0000	0.0351	64.599	1.095	79.155	16.892	608.730	1.936	0.000
03/10/2019	05:00:00	7.734	0.3586	0.5733	16.669	17.206	0.0000	0.0528	89.754	0.710	82.019	16.755	608.670	1.994	0.000
03/10/2019	06:00:00	3.270	0.4166	2.7246	22.437	25.141	0.0000	0.0500	53.847	0.617	86.826	16.735	608.900	2.004	0.000
03/10/2019	07:00:00	3.173	0.5418	7.9556	21.366	29.286	0.8719	0.0603	275.590	1.170	89.076	16.535	609.060	2.001	0.000
03/10/2019	08:00:00	3.050	0.7354	12.0950	20.025	32.118	0.1506	0.0860	278.590	1.182	95.236	16.134	609.280	4.754	0.000
03/10/2019	09:00:00	5.516	0.7044	9.7062	18.303	28.036	0.0000	0.0824	234.400	1.516	95.192	16.538	609.710	51.489	0.000
03/10/2019	10:00:00	10.084	0.5203	5.3678	10.986	16.373	0.0000	0.0675	91.205	0.847	92.314	17.452	609.960	143.730	0.000
03/10/2019	11:00:00	14.843	0.4595	4.2607	11.018	15.336	0.0000	0.0573	176.380	0.447	72.056	18.928	610.200	210.890	0.000
03/10/2019	12:00:00	18.490	0.3879	3.3204	7.329	10.632	0.0000	0.0393	139.690	1.022	64.341	20.128	610.230	430.630	0.000
03/10/2019	13:00:00	21.967	0.3287	2.1215	5.130	7.251	0.0000	0.0336	116.540	1.352	53.945	22.352	609.970	711.460	0.000
03/10/2019	14:00:00	21.932	0.3051	1.7121	3.973	5.709	0.0000	0.0280	115.590	1.866	47.866	22.985	609.360	539.860	0.000
03/10/2019	15:00:00	22.340	0.2796	1.2395	3.605	4.853	0.0000	0.0250	96.566	2.441	42.673	24.221	608.600	527.160	0.000
03/10/2019	16:00:00	22.097	0.2719	1.4417	3.550	4.982	0.0000	0.0238	78.639	2.854	40.703	24.517	608.000	522.230	0.000
03/10/2019	17:00:00	22.447	0.2367	1.1011	3.225	4.326	0.0000	0.0171	85.965	2.526	38.825	25.248	607.440	496.610	0.000
03/10/2019	18:00:00	21.671	0.2605	1.3770	3.615	4.985	0.0000	0.0194	68.383	2.918	41.404	24.685	607.230	243.500	0.000
03/10/2019	19:00:00	20.610	0.2963	1.8259	4.858	6.690	0.0000	0.0211	65.774	3.651	42.341	24.408	607.300	174.880	0.000
03/10/2019	20:00:00	17.834	0.3888	1.3435	7.772	9.101	0.0000	0.0223	82.416	4.485	53.354	22.302	607.770	12.303	0.000
03/10/2019	21:00:00	15.687	0.4370	1.2595	9.478	10.742	0.0000	0.0507	93.275	4.109	69.940	19.979	608.820	2.127	0.000
03/10/2019	22:00:00	15.273	0.3665	0.9846	8.841	9.817	0.0000	0.0498	105.260	3.960	73.016	18.942	609.460	2.131	0.000
03/10/2019	23:00:00	17.924	0.3311	0.7945	7.745	8.556	0.0000	0.0206	101.390	3.946	75.770	18.091	610.120	2.086	0.000

PROMEDIO 24 HORAS	14.601	0.38313	2.6249	10.018	12.642	0.15	0.0388
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	04/10/2019

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							
04/10/2019	00:00:00	18.957	0.3136	0.4214	7.489	7.902	0.0000	0.0212	90.129	3.664	75.625	17.823	610.200	2.076	0.000
04/10/2019	01:00:00	19.425	0.2823	0.0954	5.509	5.604	0.0000	0.0257	86.474	3.023	77.631	17.497	610.320	2.054	0.000
04/10/2019	02:00:00	19.582	0.2741	0.1476	3.750	3.895	0.1773	0.0258	69.112	2.418	83.891	17.090	610.500	1.943	0.000
04/10/2019	03:00:00	19.527	0.2759	0.1477	3.064	3.213	0.9166	0.0273	83.325	2.604	83.764	17.147	610.550	1.944	0.000
04/10/2019	04:00:00	19.227	0.2630	0.2308	3.047	3.278	0.7596	0.0213	70.249	2.093	89.421	16.729	610.330	1.860	0.000
04/10/2019	05:00:00	17.506	0.2604	0.3333	3.687	4.022	1.1385	0.0143	49.094	1.125	90.606	16.628	610.260	1.872	0.000
04/10/2019	06:00:00	16.978	0.2688	0.3753	5.509	5.883	1.2188	0.0119	64.074	1.519	90.858	16.533	610.480	1.939	0.000
04/10/2019	07:00:00	11.445	0.4137	1.3505	15.074	16.462	1.6567	0.0088	49.328	1.465	91.420	16.434	610.560	1.948	0.000
04/10/2019	08:00:00	10.838	0.4938	2.1966	15.970	18.180	1.2824	0.0454	79.832	1.749	91.511	16.337	610.610	9.171	0.000
04/10/2019	09:00:00	12.480	0.5248	3.9504	15.016	19.016	1.5788	0.0301	64.000	1.829	88.082	16.745	610.800	87.225	0.000
04/10/2019	10:00:00	17.258	0.4452	3.2412	9.192	12.440	1.4391	0.0284	74.874	1.408	79.082	17.701	611.040	249.300	0.000
04/10/2019	11:00:00	16.282	0.4962	5.5346	14.802	20.328	1.3140	0.0260	166.170	0.677	68.477	19.013	611.160	270.990	0.000
04/10/2019	12:00:00	21.384	0.4891	5.6217	13.158	18.760	1.1657	0.0395	186.580	0.650	58.213	20.873	611.060	567.570	0.000
04/10/2019	13:00:00	28.316	0.3693	2.8501	7.272	10.062	0.9359	0.0294	139.030	1.487	49.644	22.469	610.630	896.170	0.000
04/10/2019	14:00:00	28.161	0.3024	1.5008	3.929	5.435	0.8580	0.0241	123.390	1.407	42.566	23.964	610.010	960.680	0.000
04/10/2019	15:00:00	29.194	0.2861	0.9999	3.467	4.473	0.6148	0.0176	150.650	1.690	41.829	24.182	609.400	621.060	0.000
04/10/2019	16:00:00	26.465	0.2816	1.2762	3.350	4.626	0.3892	0.0323	79.222	2.599	41.935	24.555	608.920	479.530	0.000
04/10/2019	17:00:00	23.844	0.2909	1.4345	3.672	5.101	0.5755	0.0276	63.153	3.044	42.158	24.758	608.610	485.200	0.000
04/10/2019	18:00:00	24.202	0.2697	1.1502	3.707	4.857	0.8751	0.0277	81.431	3.232	40.601	24.672	608.560	312.220	0.000
04/10/2019	19:00:00	20.732	0.3696	1.6993	8.707	10.439	0.5342	0.0210	83.413	3.712	45.158	23.185	608.790	40.382	0.000
04/10/2019	20:00:00	17.836	0.4291	1.6373	11.954	13.602	0.4380	0.0296	91.586	3.914	48.359	22.045	609.130	10.210	0.000
04/10/2019	21:00:00	15.677	0.4253	1.2714	10.385	11.665	0.6125	0.0292	91.161	4.134	63.556	20.509	609.710	2.209	0.000
04/10/2019	22:00:00	14.823	0.3851	1.0756	9.097	10.173	0.5115	0.0541	101.320	4.300	71.843	19.386	610.150	2.272	0.000
04/10/2019	23:00:00	13.862	0.3600	0.8402	8.942	9.783	0.3723	0.0322	97.072	3.840	75.570	18.649	610.560	2.196	0.000

PROMEDIO 24 HORAS	19.333	0.35709	1.6409	7.906	9.550	0.81	0.0271
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	05/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
05/10/2019	00:00:00	11.547	0.4029	0.8575	12.531	13.416	0.5035	0.0335	94.867	2.667	77.308	18.197	610.780	2.099	0.000
05/10/2019	01:00:00	13.436	0.2987	0.5263	8.024	8.564	0.6876	0.0319	76.891	2.862	81.921	17.219	610.970	1.898	0.000
05/10/2019	02:00:00	12.910	0.3124	0.2257	9.243	9.462	0.9957	0.0091	85.703	2.492	77.791	16.998	611.010	2.018	0.000
05/10/2019	03:00:00	15.912	0.2547	0.3125	5.357	5.675	1.4050	0.0098	66.830	2.341	78.925	16.290	610.840	1.991	0.000
05/10/2019	04:00:00	15.193	0.2467	0.3434	6.192	6.536	2.1671	0.0142	71.238	2.185	83.361	15.899	610.600	1.979	0.000
05/10/2019	05:00:00	14.824	0.2377	0.3874	5.081	5.467	2.8638	0.0203	61.804	1.745	93.875	15.189	610.480	1.872	0.000
05/10/2019	06:00:00	11.218	0.2737	0.7746	10.772	11.532	1.8831	0.0248	69.824	0.693	95.459	14.848	610.500	2.031	0.000
05/10/2019	07:00:00	2.752	0.5250	9.6951	21.049	30.779	1.4992	0.0222	319.180	0.568	98.493	14.209	610.800	1.975	0.000
05/10/2019	08:00:00	1.996	0.7356	16.9300	21.050	37.973	1.3889	0.0473	307.300	0.500	97.951	14.151	611.030	11.676	0.000
05/10/2019	09:00:00	5.256	0.6583	15.2100	15.182	30.389	0.8920	0.0572	264.340	0.460	90.945	15.469	611.060	173.550	0.000
05/10/2019	10:00:00	13.853	0.4559	5.5087	9.099	14.594	0.9569	0.0308	200.330	0.571	71.884	17.524	611.300	392.620	0.000
05/10/2019	11:00:00	17.578	0.7440	11.4830	20.113	31.628	1.1855	0.0270	127.860	1.096	64.142	19.253	611.370	590.180	0.000
05/10/2019	12:00:00	26.562	0.6889	7.5824	18.812	26.390	0.8849	0.0875	155.110	1.085	54.532	20.876	611.140	724.350	0.000
05/10/2019	13:00:00	36.126	0.5710	3.8426	14.117	17.979	1.1686	0.0735	179.740	1.315	46.336	22.683	610.740	818.480	0.000
05/10/2019	14:00:00	39.962	0.3727	1.6190	8.460	10.071	1.0429	0.0752	143.040	1.376	41.430	23.993	610.120	852.820	0.000
05/10/2019	15:00:00	33.421	0.2651	1.0524	4.475	5.518	0.8818	0.0651	101.870	1.838	36.806	25.306	609.320	844.300	0.000
05/10/2019	16:00:00	27.617	0.2457	1.5205	4.035	5.561	0.4727	0.0402	126.590	2.056	34.899	26.155	608.660	654.460	0.000
05/10/2019	17:00:00	28.620	0.2239	1.1256	3.710	4.833	0.1659	0.0297	71.015	3.287	35.449	26.404	608.200	541.270	0.000
05/10/2019	18:00:00	26.853	0.2296	1.3103	4.118	5.428	0.4158	0.0256	63.099	2.903	34.723	26.101	608.040	307.030	0.000
05/10/2019	19:00:00	24.586	0.2280	0.8000	4.084	4.892	0.3600	0.0163	73.705	3.435	39.704	25.307	608.020	146.320	0.000
05/10/2019	20:00:00	21.801	0.3323	0.5455	8.854	9.408	0.4109	0.0159	80.923	3.406	46.695	23.528	608.270	12.146	0.000
05/10/2019	21:00:00	18.581	0.3410	0.7187	10.343	11.066	0.8100	0.0304	105.130	4.147	51.583	22.165	608.680	2.332	0.000
05/10/2019	22:00:00	15.502	0.0942	0.9306	11.010	11.939	0.3975	0.0278	100.530	4.112	63.199	20.738	609.210	2.279	0.000
05/10/2019	23:00:00	13.963	0.2850	0.9186	10.558	11.464	0.5374	0.0620	95.678	3.836	72.061	19.722	609.660	2.101	0.000

PROMEDIO 24 HORAS	18.753	0.37595	3.5092	10.261	13.773	1.00	0.0366
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	06/10/2019

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
06/10/2019	00:00:00	13.711	0.0690	0.7240	10.983	11.706	0.3611	0.0383	99.695	3.114	76.532	19.029	610.060	2.254	0.000
06/10/2019	01:00:00	CAL	0.4720	0.6781	15.463	16.153	0.2545	0.0233	96.235	2.091	74.663	18.915	610.150	2.081	0.000
06/10/2019	02:00:00	15.506	0.3382	CAL	CAL	CAL	0.7575	0.0220	88.603	2.723	73.499	18.653	610.030	2.092	0.000
06/10/2019	03:00:00	15.426	CAL	0.5138	8.652	9.158	1.9518	0.0134	82.359	1.930	73.366	18.218	609.890	2.058	0.000
06/10/2019	04:00:00	15.151	0.2050	0.3797	8.322	8.702	CAL	0.0264	52.464	1.410	75.731	17.762	609.770	2.046	0.000
06/10/2019	05:00:00	15.479	0.2087	0.2937	7.146	7.439	0.9449	0.0213	53.759	1.274	78.798	17.596	609.720	2.045	0.000
06/10/2019	06:00:00	16.693	0.2545	0.2214	6.099	6.329	0.8025	0.0234	64.657	1.139	82.711	17.249	609.600	1.988	0.000
06/10/2019	07:00:00	12.816	0.3246	0.3603	11.026	11.385	1.0293	0.0234	80.726	0.712	90.867	16.676	609.820	2.052	0.000
06/10/2019	08:00:00	7.655	0.4912	2.2713	20.000	22.296	1.4064	0.0196	170.940	0.759	90.587	16.830	610.060	12.467	0.000
06/10/2019	09:00:00	9.780	0.5451	5.0609	13.826	18.875	0.7979	0.0320	231.420	0.929	84.496	17.406	610.200	169.200	0.000
06/10/2019	10:00:00	17.263	0.3813	3.5866	8.235	11.819	1.0626	0.0043	198.730	0.727	67.255	19.107	610.420	387.440	0.000
06/10/2019	11:00:00	22.540	0.3634	3.6415	8.535	12.173	0.7286	0.0062	118.630	1.080	57.555	21.030	610.700	585.440	0.000
06/10/2019	12:00:00	25.975	0.3644	3.9881	10.136	14.156	1.3171	0.0223	156.810	1.085	51.010	22.366	610.530	743.530	0.000
06/10/2019	13:00:00	32.160	0.3217	1.9757	6.242	8.218	1.1289	0.0312	102.950	1.601	45.008	24.022	610.210	851.100	0.000
06/10/2019	14:00:00	31.758	0.2629	0.8409	3.780	4.623	0.9885	0.0321	157.530	1.776	41.785	25.240	609.560	899.250	0.000
06/10/2019	15:00:00	29.363	0.0000	0.8126	3.431	4.237	0.6127	0.0311	124.880	2.132	39.147	25.676	608.790	543.090	0.000
06/10/2019	16:00:00	26.783	0.2964	1.1924	3.750	4.950	0.7611	0.0295	77.582	2.544	37.537	25.804	608.390	487.850	0.000
06/10/2019	17:00:00	27.288	0.2845	0.9976	2.778	3.770	0.5307	0.0290	74.209	2.559	34.862	26.673	608.050	579.610	0.000
06/10/2019	18:00:00	26.641	0.3005	1.0073	3.204	4.226	0.2217	0.0230	62.768	3.401	37.124	26.554	607.910	377.110	0.000
06/10/2019	19:00:00	25.916	0.3395	1.1992	4.175	5.369	0.3489	0.0235	69.659	3.680	41.515	25.362	608.000	130.010	0.000
06/10/2019	20:00:00	23.470	0.3517	0.6234	4.923	5.549	0.1785	0.0250	74.770	3.788	47.077	23.428	608.130	10.481	0.000
06/10/2019	21:00:00	19.586	0.4033	0.6911	6.740	7.427	0.3391	0.0262	94.104	4.439	61.831	21.632	608.500	2.190	0.000
06/10/2019	22:00:00	17.595	0.3887	0.7085	6.912	7.616	0.4587	0.0687	95.860	4.532	72.360	20.215	609.100	2.196	0.000
06/10/2019	23:00:00	18.229	0.3749	0.3913	7.030	7.425	0.3670	0.0445	91.876	4.210	72.810	19.326	609.660	2.281	0.000

PROMEDIO 24 HORAS	20.295	0.31919	1.3982	7.886	9.287	0.75	0.0267
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	07/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
07/10/2019	00:00:00	17.368	0.3774	0.2912	8.022	8.314	0.3616	0.0159	92.262	3.159	70.445	18.817	610.060	2.090	0.000
07/10/2019	01:00:00	17.528	0.3477	0.1794	8.296	8.475	0.3361	0.0090	88.632	2.762	71.455	18.316	610.190	2.000	0.000
07/10/2019	02:00:00	19.039	0.2828	0.1117	6.159	6.269	0.1300	0.0199	101.690	2.430	71.528	18.038	610.190	2.034	0.000
07/10/2019	03:00:00	17.179	0.2989	0.0816	9.512	9.609	0.1648	0.0159	120.120	1.753	70.663	18.106	610.060	2.084	0.000
07/10/2019	04:00:00	15.233	0.3130	0.1311	11.880	12.010	0.2673	0.0278	95.881	1.327	73.764	17.729	609.770	2.035	0.000
07/10/2019	05:00:00	14.306	0.3296	0.4063	9.042	9.448	0.5007	0.0364	153.870	1.023	85.104	16.698	609.660	2.094	0.000
07/10/2019	06:00:00	10.245	0.3689	1.4991	15.344	16.775	0.0767	0.0504	60.566	0.691	90.030	16.230	609.530	2.030	0.000
07/10/2019	07:00:00	3.550	0.7535	20.5710	26.846	47.409	0.5733	0.0449	43.085	0.398	92.907	15.755	609.730	2.101	0.000
07/10/2019	08:00:00	1.797	2.2419	93.0010	28.885	121.740	1.0117	0.0790	197.380	0.559	94.197	15.542	609.900	10.405	0.000
07/10/2019	09:00:00	2.521	2.1015	75.8220	27.440	103.420	1.4122	0.1458	118.250	0.800	93.641	15.620	610.370	64.323	0.000
07/10/2019	10:00:00	12.505	0.8773	13.4100	16.648	30.114	0.8170	0.1570	72.366	1.678	73.631	18.458	610.660	402.840	0.000
07/10/2019	11:00:00	20.473	0.4894	3.2658	6.551	9.842	0.7145	0.0566	83.090	2.632	63.143	19.694	610.820	459.480	0.000
07/10/2019	12:00:00	22.485	0.4416	2.5294	4.868	7.410	0.8263	0.0199	69.621	3.281	52.746	21.113	610.790	659.650	0.000
07/10/2019	13:00:00	24.266	0.4367	2.1921	4.272	6.458	0.4510	0.0228	80.827	3.887	45.081	22.412	610.540	804.050	0.000
07/10/2019	14:00:00	23.924	0.4298	2.5579	4.210	6.772	0.1129	0.0231	77.410	4.471	38.615	23.213	610.030	798.210	0.000
07/10/2019	15:00:00	23.918	0.4008	1.8476	4.320	6.164	0.0000	0.0272	77.364	4.303	41.464	23.123	609.570	628.370	0.000
07/10/2019	16:00:00	23.442	0.3719	1.6857	3.502	5.203	0.0000	0.0317	69.810	4.220	39.639	23.858	609.150	733.000	0.000
07/10/2019	17:00:00	23.027	0.3785	2.7825	4.862	7.634	0.5427	0.0266	64.089	3.689	40.062	23.702	608.900	352.030	0.000
07/10/2019	18:00:00	22.811	0.3844	2.2080	4.755	6.931	0.2413	0.0240	68.062	4.779	41.637	23.148	608.870	229.460	0.000
07/10/2019	19:00:00	22.593	0.3623	2.0174	5.561	7.573	0.0272	0.0388	78.028	4.669	36.953	22.608	609.220	125.550	0.000
07/10/2019	20:00:00	20.448	0.4278	1.3431	10.274	11.601	0.4109	0.0286	95.337	4.883	37.502	21.180	609.440	11.024	0.000
07/10/2019	21:00:00	18.613	0.4906	1.1037	12.351	13.485	0.2723	0.0274	97.879	3.999	44.370	20.013	609.840	2.272	0.000
07/10/2019	22:00:00	18.421	0.4843	0.8513	10.327	11.177	0.1431	0.0264	100.960	3.846	55.195	18.895	610.400	2.233	0.000
07/10/2019	23:00:00	19.320	0.4593	0.3225	8.035	8.364	0.3641	0.0260	109.050	3.367	63.011	17.943	610.890	2.113	0.000

PROMEDIO 24 HORAS	17.292	0.57707	9.5921	10.498	20.092	0.41	0.0409
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	08/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
08/10/2019	00:00:00	19.428	0.4217	0.2864	7.224	7.513	0.3091	0.0252	98.625	3.361	67.514	17.554	611.080	2.122	0.000
08/10/2019	01:00:00	19.978	0.3657	0.1803	5.806	5.991	0.0610	0.0236	92.752	3.219	68.495	17.324	611.010	2.034	0.000
08/10/2019	02:00:00	20.618	0.2666	0.0000	3.779	3.750	0.3557	0.0198	92.491	2.996	71.888	16.897	610.900	2.068	0.000
08/10/2019	03:00:00	20.327	0.2345	0.1868	3.500	3.683	0.3536	0.0124	81.995	2.316	75.319	16.595	610.740	1.962	0.000
08/10/2019	04:00:00	19.423	0.2225	0.0000	2.691	2.680	0.5125	0.0176	83.651	2.321	79.960	16.499	610.530	2.114	0.000
08/10/2019	05:00:00	19.409	0.2120	0.0000	2.422	2.397	0.6467	0.0161	77.863	2.419	85.298	15.882	610.470	1.943	0.000
08/10/2019	06:00:00	17.896	0.2227	0.2597	4.984	5.248	0.3541	0.0151	52.560	1.598	88.007	15.281	610.440	1.973	0.000
08/10/2019	07:00:00	12.133	0.4199	1.4785	14.980	16.367	0.5916	0.0117	36.489	1.264	87.685	15.207	610.520	2.096	0.000
08/10/2019	08:00:00	8.112	0.6812	6.7204	21.812	28.471	0.6231	0.0851	48.105	0.865	90.436	14.763	610.650	5.137	0.000
08/10/2019	09:00:00	10.055	0.6970	8.6606	18.478	27.064	0.5416	0.0902	87.453	1.908	81.579	15.981	610.920	174.560	0.000
08/10/2019	10:00:00	19.686	0.3963	3.8298	6.947	10.787	0.8471	0.0689	82.517	2.832	66.665	17.845	611.080	385.600	0.000
08/10/2019	11:00:00	23.864	0.2885	2.0474	4.499	6.548	0.5666	0.0290	91.687	3.136	58.472	18.930	611.200	573.470	0.000
08/10/2019	12:00:00	25.444	0.2744	1.6426	3.780	5.424	0.5050	0.0251	82.993	3.331	51.234	20.417	611.010	650.940	0.000
08/10/2019	13:00:00	25.162	0.2539	1.4237	3.551	4.975	0.1860	0.0225	79.141	3.893	46.431	21.468	610.650	792.360	0.000
08/10/2019	14:00:00	25.513	0.2359	1.5042	3.251	4.755	0.0000	0.0308	73.550	3.486	44.006	22.236	610.070	833.320	0.000
08/10/2019	15:00:00	25.914	0.1888	1.2654	2.910	4.180	0.0263	0.0278	88.815	3.636	40.104	22.990	609.390	789.930	0.000
08/10/2019	16:00:00	26.069	0.1815	1.2701	2.936	4.207	0.0000	0.0222	77.763	3.358	39.569	23.648	608.880	720.880	0.000
08/10/2019	17:00:00	25.657	0.1998	1.2368	3.666	4.902	0.0000	0.0228	82.541	3.737	42.060	23.450	608.570	442.160	0.000
08/10/2019	18:00:00	24.359	0.2182	1.7843	5.026	6.820	0.1146	0.0272	76.833	3.542	41.718	23.443	608.500	349.200	0.000
08/10/2019	19:00:00	23.188	0.2475	1.3732	4.981	6.357	0.4598	0.0261	77.303	3.504	43.508	22.837	608.660	145.150	0.000
08/10/2019	20:00:00	20.138	0.3245	0.9828	9.719	10.744	0.2969	0.0234	84.721	3.847	51.913	21.046	609.090	6.496	0.000
08/10/2019	21:00:00	18.502	0.3390	1.0109	10.459	11.499	0.2927	0.0329	93.619	3.723	59.813	19.787	609.490	2.147	0.000
08/10/2019	22:00:00	16.117	0.3174	0.9405	12.931	13.865	0.1430	0.0323	109.030	3.298	64.884	19.000	609.800	2.183	0.000
08/10/2019	23:00:00	14.601	0.3028	0.7904	14.880	15.629	0.2057	0.0280	115.790	2.896	67.152	18.523	610.100	2.211	0.000

PROMEDIO 24 HORAS	20.066	0.31301	1.6198	7.300	8.911	0.33	0.0307
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	09/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
09/10/2019	00:00:00	13.178	0.2987	0.7732	16.204	17.070	0.0000	0.0345	113.160	2.379	69.463	18.103	610.210	2.132	0.000
09/10/2019	01:00:00	9.310	0.3102	0.8945	20.403	21.243	0.1103	0.0318	101.060	2.093	72.558	17.513	610.200	2.080	0.000
09/10/2019	02:00:00	11.745	0.2807	0.2957	14.258	14.555	0.3113	0.0301	84.581	1.425	76.086	16.835	610.020	2.056	0.000
09/10/2019	03:00:00	7.996	0.3030	0.5933	17.452	18.054	0.8916	0.0298	53.481	0.906	85.814	15.844	609.820	2.106	0.000
09/10/2019	04:00:00	8.604	0.2409	0.5817	15.604	16.185	0.6643	0.0309	39.337	0.693	91.713	15.268	609.690	2.069	0.000
09/10/2019	05:00:00	9.802	0.2881	0.4748	11.790	12.260	1.2661	0.0277	43.321	0.419	93.777	14.870	609.490	2.140	0.000
09/10/2019	06:00:00	4.268	0.4042	5.4354	20.514	25.914	1.2219	0.0840	183.390	0.550	95.432	14.579	609.370	2.046	0.000
09/10/2019	07:00:00	2.013	0.8300	39.6690	23.521	63.225	1.2644	0.0744	318.420	0.553	97.354	14.029	609.680	2.191	0.000
09/10/2019	08:00:00	1.898	1.5404	75.6550	24.146	99.768	1.7355	0.1024	308.310	0.445	97.957	13.815	609.830	6.663	0.000
09/10/2019	09:00:00	2.337	1.5556	67.0590	27.072	94.058	1.9070	0.1200	271.850	0.461	95.220	14.740	610.170	78.444	0.000
09/10/2019	10:00:00	4.751	1.3279	46.9470	29.434	76.016	1.9527	0.1228	219.000	1.735	90.210	16.021	610.500	205.370	0.000
09/10/2019	11:00:00	13.504	0.5643	10.3590	17.947	28.257	1.8767	0.1503	55.231	1.246	72.128	18.391	610.580	366.830	0.000
09/10/2019	12:00:00	22.499	0.3344	4.9395	10.150	15.101	1.3899	0.0807	70.761	1.751	55.906	20.836	610.460	744.750	0.000
09/10/2019	13:00:00	27.615	0.2299	2.1451	5.672	7.820	1.0597	0.0422	98.968	2.067	48.677	22.263	610.010	853.750	0.000
09/10/2019	14:00:00	31.858	0.2204	1.2650	5.208	6.475	0.4989	0.0320	138.180	1.334	44.490	23.331	609.250	872.440	0.000
09/10/2019	15:00:00	33.751	0.1594	0.8980	4.651	5.541	0.7386	0.0328	136.610	1.667	40.217	24.659	608.260	824.490	0.000
09/10/2019	16:00:00	34.393	0.1217	0.6999	3.274	3.979	0.3082	0.0466	139.120	1.316	33.642	26.021	607.610	745.150	0.000
09/10/2019	17:00:00	34.930	0.1206	0.7040	4.496	5.196	0.3613	0.0456	98.619	2.072	34.236	26.481	607.170	572.450	0.000
09/10/2019	18:00:00	28.783	0.1345	0.9204	4.407	5.332	0.0881	0.0306	76.028	2.106	38.562	25.893	606.980	254.860	0.000
09/10/2019	19:00:00	22.307	0.2127	1.3545	6.144	7.493	0.4181	0.0312	54.387	2.458	43.715	25.118	607.090	115.590	0.000
09/10/2019	20:00:00	18.924	0.2175	1.2393	8.165	9.413	0.5627	0.0452	70.817	3.063	49.233	23.363	607.260	8.400	0.000
09/10/2019	21:00:00	15.730	0.3166	1.2533	14.705	15.969	0.3197	0.0477	98.865	2.931	50.379	22.220	607.510	2.285	0.000
09/10/2019	22:00:00	14.593	0.2774	0.9207	17.636	18.588	0.9324	0.0324	112.740	2.302	48.329	21.616	608.030	2.200	0.000
09/10/2019	23:00:00	12.835	0.2896	0.9717	19.927	20.915	0.6128	0.0153	107.510	2.368	50.531	21.068	608.320	2.277	0.000

PROMEDIO 24 HORAS	16.151	0.44077	11.0854	14.282	25.351	0.85	0.0550
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	10/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
10/10/2019	00:00:00	15.858	0.2254	0.6023	12.759	13.357	0.3457	0.0318	90.802	2.232	55.385	20.387	608.530	2.207	0.000
10/10/2019	01:00:00	15.004	0.2230	0.3130	11.816	12.145	0.8928	0.0283	82.969	1.665	59.138	19.659	608.450	2.105	0.000
10/10/2019	02:00:00	11.771	0.2066	0.0662	14.047	14.110	0.6381	0.0371	104.350	0.865	62.619	18.959	608.430	2.094	0.000
10/10/2019	03:00:00	5.783	0.2956	1.1279	20.925	22.017	0.0000	0.0394	123.400	0.240	64.858	18.125	608.460	2.145	0.000
10/10/2019	04:00:00	4.148	0.2314	1.1616	18.862	20.007	0.0000	0.0319	306.590	0.696	69.590	16.738	608.210	2.158	0.000
10/10/2019	05:00:00	1.894	0.2531	5.3354	22.909	28.228	0.0000	0.0470	300.790	0.226	72.981	15.973	608.160	2.131	0.000
10/10/2019	06:00:00	1.857	0.2654	15.4420	27.194	42.685	0.0000	0.0493	97.071	0.859	85.380	15.960	608.290	2.140	0.000
10/10/2019	07:00:00	1.838	0.5877	35.5300	25.481	60.886	0.0000	0.0591	153.620	0.482	93.603	14.889	608.660	2.028	0.000
10/10/2019	08:00:00	1.798	1.0335	40.4040	23.528	63.973	0.0000	0.0493	318.130	1.028	100.000	13.940	608.980	14.307	0.000
10/10/2019	09:00:00	3.404	1.1060	45.6750	23.185	68.770	0.0000	0.0716	252.870	0.817	97.427	14.886	609.370	166.170	0.000
10/10/2019	10:00:00	8.267	0.7357	23.7010	23.882	47.516	0.0000	0.0738	106.300	0.286	80.220	17.522	609.640	375.770	0.000
10/10/2019	11:00:00	16.480	0.5624	14.2500	24.041	38.248	0.9407	0.0805	123.390	0.772	64.177	19.795	609.780	571.680	0.000
10/10/2019	12:00:00	26.756	0.9115	13.9160	40.505	54.325	0.9649	0.0760	139.910	0.837	55.241	21.722	609.740	713.800	0.000
10/10/2019	13:00:00	39.891	0.5938	6.4934	26.247	32.785	0.4684	0.1013	155.280	0.938	43.922	24.265	609.220	829.040	0.000
10/10/2019	14:00:00	40.882	0.3210	3.0129	12.370	15.448	0.3052	0.0880	143.270	1.530	36.957	25.461	608.360	867.500	0.000
10/10/2019	15:00:00	30.526	0.0685	1.2561	3.943	5.174	0.0000	0.0740	151.200	1.862	29.941	26.945	607.480	832.050	0.000
10/10/2019	16:00:00	28.061	0.0647	0.6192	2.554	3.169	0.0000	0.0368	119.740	1.625	24.590	27.989	606.800	738.780	0.000
10/10/2019	17:00:00	27.797	0.0836	1.0132	3.737	4.749	0.0000	0.0251	107.400	1.839	25.216	28.363	606.350	576.010	0.000
10/10/2019	18:00:00	27.230	0.1139	1.0539	3.575	4.637	0.0000	0.0192	81.452	2.446	25.689	28.155	606.060	314.580	0.000
10/10/2019	19:00:00	23.327	0.1978	1.8539	8.042	9.877	0.0000	0.0247	69.760	2.467	24.322	27.482	606.050	119.970	0.000
10/10/2019	20:00:00	17.107	0.3075	1.6741	13.104	14.806	0.0000	0.0335	76.109	2.975	33.025	25.437	606.320	8.746	0.000
10/10/2019	21:00:00	11.896	0.4095	1.7049	21.277	22.942	0.0000	0.0372	115.140	2.690	35.522	24.225	606.830	2.396	0.000
10/10/2019	22:00:00	12.247	0.3653	1.2796	21.440	22.748	0.0000	0.0347	113.350	1.922	39.884	23.265	607.350	2.252	0.000
10/10/2019	23:00:00	14.595	0.2908	1.0986	15.632	16.813	0.0000	0.0313	103.650	2.761	43.163	22.458	607.810	2.292	0.000

PROMEDIO 24 HORAS	16.184	0.39390	9.1077	17.544	26.642	0.19	0.0492
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	11/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
11/10/2019	00:00:00	9.197	0.4022	2.9409	24.304	27.242	0.0000	0.0239	106.880	0.898	46.093	21.471	608.130	2.187	0.000
11/10/2019	01:00:00	3.352	0.7621	26.6120	29.598	56.450	0.0000	0.0416	227.000	0.126	49.221	20.404	608.150	2.115	0.000
11/10/2019	02:00:00	2.291	0.7326	18.9730	27.183	46.025	0.5363	0.0547	303.120	0.412	54.880	18.777	608.160	2.297	0.000
11/10/2019	03:00:00	4.756	0.4894	5.4070	22.134	27.498	0.3158	0.0670	296.540	0.564	57.411	17.727	608.170	2.250	0.000
11/10/2019	04:00:00	2.047	0.3977	10.5510	26.183	36.730	0.5595	0.0532	305.520	0.695	62.534	16.575	608.070	2.165	0.000
11/10/2019	05:00:00	2.542	0.3800	4.9559	24.296	29.286	0.9081	0.0555	311.250	0.489	65.158	15.911	608.080	2.152	0.000
11/10/2019	06:00:00	1.951	0.4297	15.2160	23.905	39.186	0.8454	0.0420	305.430	0.502	65.327	15.564	608.200	2.162	0.000
11/10/2019	07:00:00	2.357	0.5191	14.3800	23.794	38.241	0.8892	0.0448	301.480	0.449	64.390	15.307	608.490	2.178	0.000
11/10/2019	08:00:00	1.878	2.6443	146.9100	25.723	173.050	2.2304	0.0454	319.650	0.405	68.196	14.740	608.850	11.148	0.000
11/10/2019	09:00:00	2.571	1.6666	66.4490	25.689	92.395	2.1446	0.1512	283.310	0.838	69.055	15.211	609.370	164.770	0.000
11/10/2019	10:00:00	7.494	0.9472	30.6580	24.976	55.678	1.4989	0.1218	109.700	0.403	66.317	17.552	609.650	385.630	0.000
11/10/2019	11:00:00	17.541	0.6297	10.2350	17.943	28.214	1.6603	0.1208	91.340	0.695	53.612	20.590	609.740	583.710	0.000
11/10/2019	12:00:00	26.277	0.4201	3.8220	9.450	13.327	3.1759	0.0980	159.040	1.060	43.238	22.850	609.640	741.620	0.000
11/10/2019	13:00:00	29.989	0.3349	1.4843	5.452	6.916	1.7372	0.0655	118.300	1.168	29.613	25.583	609.220	846.010	0.000
11/10/2019	14:00:00	31.824	0.2924	1.5811	6.242	7.829	1.0556	0.0440	145.490	1.585	29.571	26.500	608.380	865.030	0.000
11/10/2019	15:00:00	26.285	0.2100	1.4275	3.625	5.059	0.3897	0.0502	77.004	3.713	24.450	28.129	607.540	843.110	0.000
11/10/2019	16:00:00	23.644	0.1885	1.2587	3.045	4.304	0.1955	0.0475	70.719	3.794	24.966	28.483	607.150	720.610	0.000
11/10/2019	17:00:00	22.561	0.1996	1.2406	3.201	4.440	0.2479	0.0340	82.856	4.393	27.933	28.124	606.920	563.060	0.000
11/10/2019	18:00:00	23.427	AE	1.5870	4.382	5.974	0.0779	0.0237	86.594	4.837	25.354	27.837	606.920	365.940	0.000
11/10/2019	19:00:00	22.030	0.2967	1.5414	6.301	7.841	0.3839	0.0354	88.154	5.544	29.161	26.610	607.180	142.920	0.000
11/10/2019	20:00:00	19.922	0.3285	1.1073	6.061	7.159	0.3761	0.0480	77.945	5.631	43.072	24.449	607.560	7.161	0.000
11/10/2019	21:00:00	17.291	0.3952	1.0399	7.192	8.233	0.5428	0.1391	97.503	6.249	58.952	21.756	608.710	2.326	0.000
11/10/2019	22:00:00	18.431	0.3369	1.0052	8.700	9.710	0.3648	0.0753	103.370	5.686	61.802	20.580	609.400	2.256	0.000
11/10/2019	23:00:00	19.601	0.3095	0.7192	7.113	7.847	0.2605	0.0391	108.930	5.686	63.781	19.950	609.830	2.234	0.000

PROMEDIO 24 HORAS	14.136	0.57882	15.4626	15.271	30.776	0.85	0.0634
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	12/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
12/10/2019	00:00:00	19.198	0.2783	0.2122	5.592	5.806	0.3102	0.0394	95.623	5.030	67.620	19.577	610.080	2.264	0.000
12/10/2019	01:00:00	19.655	0.2393	0.2139	3.608	3.820	0.5755	0.0363	76.505	4.607	76.483	18.652	610.060	2.039	0.000
12/10/2019	02:00:00	17.057	0.2642	0.0988	2.843	2.941	0.0000	0.0314	77.445	2.966	100.000	16.880	610.020	1.146	0.900
12/10/2019	03:00:00	16.238	0.2530	0.0426	3.039	3.085	0.0000	0.0250	80.663	2.623	97.744	17.042	609.960	1.873	0.000
12/10/2019	04:00:00	14.888	0.2299	0.2538	2.821	3.075	0.0000	0.0237	77.951	2.415	94.748	17.001	609.840	1.899	0.000
12/10/2019	05:00:00	14.955	0.2343	0.0775	3.125	3.205	0.0000	0.0178	93.981	1.721	95.776	16.860	609.610	1.971	0.000
12/10/2019	06:00:00	11.773	0.2601	0.2707	5.206	5.489	0.0000	0.0205	37.253	0.936	98.670	16.570	609.490	1.960	0.000
12/10/2019	07:00:00	9.849	0.3514	1.0155	9.336	10.361	0.0000	0.0268	51.509	1.022	98.611	16.363	609.560	2.058	0.000
12/10/2019	08:00:00	8.080	0.4113	2.4195	13.230	15.685	0.0000	0.0231	70.126	1.579	96.272	16.559	609.800	2.773	0.000
12/10/2019	09:00:00	8.150	0.4924	3.3278	13.167	16.546	0.1459	0.0407	67.551	1.198	96.799	16.629	610.200	12.873	0.000
12/10/2019	10:00:00	10.003	0.5279	3.5617	8.762	12.331	0.1412	0.0354	56.403	1.184	100.000	16.123	610.620	100.240	0.500
12/10/2019	11:00:00	10.167	0.4830	4.3130	8.630	12.949	0.0000	0.0194	53.478	1.229	100.000	16.846	610.710	119.980	0.000
12/10/2019	12:00:00	11.203	0.4982	4.8150	7.997	12.763	0.1042	0.0257	107.110	2.057	93.898	18.304	610.790	247.290	0.000
12/10/2019	13:00:00	14.004	0.3348	2.5348	4.969	7.498	0.1769	0.0165	80.568	3.551	70.687	20.052	610.400	268.790	0.000
12/10/2019	14:00:00	12.074	0.4089	3.7364	6.248	9.970	0.1607	0.0123	72.301	3.064	81.298	19.172	609.970	175.140	0.000
12/10/2019	15:00:00	13.959	0.3167	2.3005	4.791	7.093	0.0000	0.0325	75.475	3.754	70.468	19.830	609.440	150.880	0.000
12/10/2019	16:00:00	11.922	0.3959	3.4093	7.334	10.722	0.2584	0.0151	85.589	3.495	71.159	19.670	609.140	156.430	0.000
12/10/2019	17:00:00	12.707	0.3635	3.5683	6.186	9.741	0.0000	0.0223	78.919	3.483	68.093	20.166	608.970	246.730	0.000
12/10/2019	18:00:00	13.237	0.3780	3.7555	6.413	10.168	0.0000	0.0208	86.107	4.151	64.951	20.527	608.730	257.250	0.000
12/10/2019	19:00:00	12.458	0.3669	3.3806	6.506	9.891	0.0000	0.0145	96.484	5.113	70.072	19.297	608.650	129.360	0.000
12/10/2019	20:00:00	10.897	0.3915	2.1989	8.092	10.282	0.0000	0.0260	89.223	4.528	84.895	17.445	608.930	5.290	0.000
12/10/2019	21:00:00	8.818	0.4541	2.0497	10.405	12.462	0.0000	0.0288	82.726	3.609	91.726	16.731	609.460	2.141	0.000
12/10/2019	22:00:00	5.832	0.6007	3.3650	15.781	19.143	0.1600	0.0148	84.646	2.395	92.805	16.657	609.750	2.167	0.000
12/10/2019	23:00:00	7.054	0.5014	2.2922	12.049	14.373	0.4087	0.0285	85.748	2.071	90.147	17.077	610.050	2.081	0.000

PROMEDIO 24 HORAS	12.257	0.37649	2.2172	7.339	9.558	0.10	0.0249
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	13/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
13/10/2019	00:00:00	5.926	0.4919	2.0720	15.590	17.683	0.4218	0.0134	126.200	1.588	84.795	17.256	609.960	2.098	0.000
13/10/2019	01:00:00	CAL	0.3934	1.2030	10.156	11.361	0.3006	0.0214	135.040	1.560	84.423	16.884	609.850	1.909	0.000
13/10/2019	02:00:00	5.391	0.4246	CAL	CAL	CAL	0.0969	0.0183	84.659	1.511	88.772	16.441	609.650	1.953	0.000
13/10/2019	03:00:00	5.868	CAL	1.9883	11.838	13.823	0.2095	0.0201	59.612	1.000	96.831	15.549	609.420	1.958	0.000
13/10/2019	04:00:00	4.770	0.4352	2.3037	12.153	14.451	CAL	0.0216	84.783	0.548	100.000	14.923	609.310	2.005	0.000
13/10/2019	05:00:00	2.478	0.4875	4.7090	13.171	17.867	0.0000	0.0164	334.870	0.960	100.000	14.022	609.240	1.954	0.000
13/10/2019	06:00:00	2.668	0.4080	4.3201	12.865	17.183	0.1120	0.0307	319.860	0.696	100.000	13.646	609.350	2.047	0.000
13/10/2019	07:00:00	4.334	0.3568	3.0135	11.555	14.604	0.0000	0.0206	300.570	0.876	100.000	13.876	609.510	1.987	0.000
13/10/2019	08:00:00	7.499	0.3323	0.8663	8.319	9.183	0.0000	0.0294	217.780	0.725	100.000	14.214	609.540	4.586	0.000
13/10/2019	09:00:00	6.626	0.4944	3.0187	9.197	12.215	0.0743	0.0176	237.270	1.077	100.000	14.387	609.760	36.648	0.000
13/10/2019	10:00:00	7.415	0.4485	3.9747	7.459	11.468	0.0000	0.0155	307.580	1.317	99.981	14.947	610.140	119.980	0.000
13/10/2019	11:00:00	11.016	0.4073	4.1665	5.684	9.855	0.1571	0.0191	252.760	0.718	83.424	16.736	610.180	489.180	0.000
13/10/2019	12:00:00	14.778	0.4704	4.7232	6.363	11.086	1.3279	0.0145	221.220	0.892	69.364	18.768	609.970	722.720	0.000
13/10/2019	13:00:00	24.593	0.5087	3.4313	7.383	10.812	2.2575	0.0347	165.880	0.770	57.148	21.618	609.640	821.660	0.000
13/10/2019	14:00:00	33.775	0.4606	1.2788	6.268	7.561	0.7764	0.0451	142.460	0.852	46.989	24.449	608.840	844.760	0.000
13/10/2019	15:00:00	31.652	0.3293	0.7486	4.082	4.843	0.3054	0.0499	117.840	1.583	40.450	25.778	608.070	810.010	0.000
13/10/2019	16:00:00	32.941	0.3029	0.6305	3.879	4.507	0.3265	0.0373	121.790	1.431	36.202	27.046	607.410	718.570	0.000
13/10/2019	17:00:00	26.814	0.2800	0.8470	3.208	4.051	0.3124	0.0314	84.507	2.484	37.862	27.313	606.940	568.740	0.000
13/10/2019	18:00:00	21.267	0.3308	0.9533	3.664	4.619	0.3938	0.0319	80.119	3.130	45.232	26.602	606.930	359.600	0.000
13/10/2019	19:00:00	17.453	0.3265	1.0374	4.591	5.621	0.1051	0.0249	82.882	4.090	50.425	24.819	607.210	116.980	0.000
13/10/2019	20:00:00	14.852	0.3578	0.9594	6.693	7.649	0.0000	0.0283	92.467	4.223	54.489	22.166	607.630	4.715	0.000
13/10/2019	21:00:00	12.789	0.3993	0.9606	10.195	11.191	0.0000	0.0233	113.690	2.944	50.979	21.013	608.330	2.191	0.000
13/10/2019	22:00:00	12.241	0.4081	0.9177	10.253	11.163	0.1160	0.0098	111.560	3.680	57.596	20.185	608.930	2.130	0.000
13/10/2019	23:00:00	11.772	0.4597	1.0040	10.032	11.014	0.0000	0.0249	91.787	3.537	61.199	19.889	609.400	2.145	0.000

PROMEDIO 24 HORAS	13.866	0.40495	2.1360	8.461	10.600	0.32	0.0250
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	14/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
14/10/2019	00:00:00	11.925	0.4246	0.6741	7.149	7.825	0.3981	0.0273	74.421	2.249	66.918	18.817	609.640	2.081	0.000
14/10/2019	01:00:00	12.033	0.3850	0.5622	5.602	6.163	0.4397	0.0149	55.984	1.947	72.155	17.637	609.720	2.011	0.000
14/10/2019	02:00:00	11.225	0.3270	0.4494	6.246	6.698	0.0000	0.0175	66.030	2.299	70.995	16.938	609.770	2.055	0.000
14/10/2019	03:00:00	12.567	0.2620	0.2109	3.401	3.608	0.0000	0.0083	73.067	2.578	85.876	16.223	609.750	2.082	0.000
14/10/2019	04:00:00	10.537	0.2777	0.3612	5.121	5.505	0.0000	0.0226	77.719	1.905	92.522	15.818	609.610	2.069	0.000
14/10/2019	05:00:00	10.173	0.2944	0.3431	5.551	5.898	0.0000	0.0290	139.560	1.248	93.501	16.020	609.440	1.945	0.000
14/10/2019	06:00:00	2.657	0.3950	7.8709	14.885	22.727	0.0000	0.0118	300.000	0.959	98.746	14.291	609.430	2.037	0.000
14/10/2019	07:00:00	2.658	0.5799	15.4560	15.129	30.545	0.0000	0.0315	318.940	1.516	100.000	13.617	609.650	2.000	0.000
14/10/2019	08:00:00	2.865	0.8682	20.5390	16.208	36.710	0.0000	0.0357	316.710	0.970	100.000	14.186	610.020	4.583	0.000
14/10/2019	09:00:00	5.423	0.7226	11.9400	13.118	25.041	0.0000	0.0442	294.380	1.393	100.000	14.675	610.260	50.251	0.000
14/10/2019	10:00:00	9.053	0.5592	8.7447	9.539	18.292	0.0000	0.0405	209.890	1.349	97.270	15.267	610.580	132.760	0.000
14/10/2019	11:00:00	13.346	0.4053	3.5864	5.907	9.527	0.0000	0.0242	241.610	0.937	79.299	16.989	610.840	445.610	0.000
14/10/2019	12:00:00	17.178	0.3792	3.4462	5.136	8.563	0.0000	0.0222	133.190	0.996	62.358	19.893	610.600	731.140	0.000
14/10/2019	13:00:00	21.143	0.3494	2.1895	4.835	7.003	0.0000	0.0408	122.410	1.437	49.502	22.158	609.980	832.220	0.000
14/10/2019	14:00:00	23.456	0.3584	3.0386	6.590	9.619	0.0000	0.0362	102.520	1.930	40.212	24.440	609.280	859.440	0.000
14/10/2019	15:00:00	27.318	0.3332	2.0916	6.128	8.205	0.3935	0.0270	95.186	1.549	39.307	25.991	608.470	819.630	0.000
14/10/2019	16:00:00	24.823	0.2516	1.2800	3.733	5.021	0.1880	0.0363	132.620	1.719	35.459	27.104	607.850	689.050	0.000
14/10/2019	17:00:00	18.166	0.2490	3.1151	4.614	7.755	0.0000	0.0332	77.343	3.841	29.606	27.649	607.510	558.910	0.000
14/10/2019	18:00:00	16.547	0.3063	3.4714	5.222	8.700	0.0000	0.0337	72.906	3.820	35.374	26.752	607.670	353.610	0.000
14/10/2019	19:00:00	15.392	0.3211	2.6241	6.560	9.221	0.0000	0.0222	87.592	4.244	36.066	25.031	607.960	138.800	0.000
14/10/2019	20:00:00	13.683	0.4007	1.9392	10.484	12.421	0.3181	0.0191	88.557	3.738	41.171	22.846	608.350	6.770	0.000
14/10/2019	21:00:00	12.716	0.4831	1.7914	12.594	14.366	0.3567	0.0241	69.837	2.131	48.995	21.294	608.830	2.208	0.000
14/10/2019	22:00:00	10.676	0.4724	1.8607	13.429	15.351	0.1833	0.0290	74.558	2.196	61.572	20.028	609.460	2.174	0.000
14/10/2019	23:00:00	11.117	0.4018	1.1645	8.514	9.677	0.0064	0.0564	93.111	3.150	75.443	18.627	609.950	2.064	0.000

PROMEDIO 24 HORAS	13.195	0.40863	4.1146	8.154	12.268	0.10	0.0287
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	15/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
15/10/2019	00:00:00	12.026	0.3434	0.4830	5.065	5.542	0.0000	0.0283	81.904	2.514	78.319	17.535	610.440	2.128	0.000
15/10/2019	01:00:00	9.612	0.3672	0.5465	8.755	9.301	0.0000	0.0217	80.549	0.762	85.055	16.854	610.550	2.003	0.000
15/10/2019	02:00:00	9.414	0.3353	0.7306	8.103	8.828	0.0000	0.0237	99.247	0.958	91.416	16.090	610.440	2.025	0.000
15/10/2019	03:00:00	9.265	0.2916	0.4376	7.309	7.745	0.0000	0.0323	126.000	0.359	92.501	15.647	610.230	2.001	0.000
15/10/2019	04:00:00	7.994	0.2868	0.4118	8.625	9.048	0.0000	0.0152	227.470	0.102	93.500	15.344	610.030	2.037	0.000
15/10/2019	05:00:00	8.231	0.2709	0.5658	10.619	11.162	0.0000	0.0182	102.920	0.846	93.364	15.326	609.780	1.986	0.000
15/10/2019	06:00:00	7.155	0.3179	2.7505	13.994	16.862	0.0000	0.0160	231.750	0.622	94.261	15.054	609.720	1.919	0.000
15/10/2019	07:00:00	2.240	0.7066	43.1900	17.760	60.919	0.0339	0.0255	313.050	1.071	99.016	13.701	609.650	2.035	0.000
15/10/2019	08:00:00	2.606	0.9856	45.5040	17.348	62.744	0.1506	0.0573	304.190	0.585	99.813	13.567	609.810	10.810	0.000
15/10/2019	09:00:00	2.676	1.8581	87.4310	20.447	107.880	0.8495	0.0639	305.520	0.060	92.025	15.024	609.920	154.490	0.000
15/10/2019	10:00:00	5.948	1.2215	37.5420	21.744	59.345	0.5741	0.0972	157.750	0.918	82.024	16.524	610.130	375.400	0.000
15/10/2019	11:00:00	13.856	0.5324	9.4208	11.311	20.865	0.2263	0.1130	149.490	1.019	68.965	18.277	610.180	580.230	0.000
15/10/2019	12:00:00	20.120	0.3148	2.3337	5.219	7.551	0.3836	0.0569	101.390	1.411	54.135	20.863	609.980	743.120	0.000
15/10/2019	13:00:00	24.599	0.3010	1.9099	5.088	6.990	0.0000	0.0361	97.663	1.391	43.207	22.580	609.600	845.360	0.000
15/10/2019	14:00:00	27.391	0.2674	1.6462	5.323	6.971	0.1080	0.0299	116.910	1.748	33.375	24.355	608.840	873.200	0.000
15/10/2019	15:00:00	28.532	0.1972	1.0786	3.400	4.479	0.0040	0.0325	154.150	1.821	27.694	25.862	607.890	827.750	0.000
15/10/2019	16:00:00	25.831	0.1825	1.1696	3.150	4.310	0.0000	0.0326	118.770	2.546	19.353	27.418	607.170	729.080	0.000
15/10/2019	17:00:00	25.704	0.1710	1.5646	3.904	5.457	0.0000	0.0346	83.675	3.371	16.119	27.360	606.880	574.350	0.000
15/10/2019	18:00:00	24.803	0.2072	1.1760	3.511	4.687	0.0000	0.0240	70.424	3.325	22.152	27.022	606.930	361.860	0.000
15/10/2019	19:00:00	22.543	0.2917	1.7113	6.112	7.781	0.0000	0.0121	69.891	3.217	26.348	25.799	607.060	137.530	0.000
15/10/2019	20:00:00	18.605	0.3687	1.0146	9.434	10.455	0.0000	0.0253	81.304	3.529	39.512	23.510	607.420	7.174	0.000
15/10/2019	21:00:00	15.265	0.4887	1.1551	14.944	16.085	0.0000	0.0334	87.223	2.662	47.699	22.046	607.870	2.195	0.000
15/10/2019	22:00:00	8.994	0.6510	3.6213	23.971	27.597	0.0416	0.0339	63.990	1.504	52.764	20.996	608.300	2.179	0.000
15/10/2019	23:00:00	8.598	0.6318	3.6098	22.043	25.607	0.0000	0.0515	67.092	1.025	57.203	20.070	608.620	2.133	0.000

PROMEDIO 24 HORAS	14.250	0.48293	10.4585	10.716	21.175	0.10	0.0381
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	16/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
16/10/2019	00:00:00	7.302	0.5435	3.8006	20.649	24.435	0.0000	0.0503	70.118	1.550	63.172	19.050	608.960	2.162	0.000
16/10/2019	01:00:00	10.046	0.3441	0.6312	13.168	13.784	0.0000	0.0467	84.168	1.703	72.092	18.651	608.970	2.063	0.000
16/10/2019	02:00:00	12.267	0.2828	0.3643	6.831	7.183	1.2920	0.0596	107.250	1.224	90.171	17.238	608.950	1.965	0.000
16/10/2019	03:00:00	7.072	0.3461	0.4483	11.873	12.316	2.1267	0.0311	324.420	1.076	92.170	16.154	608.770	1.994	0.000
16/10/2019	04:00:00	6.393	0.3058	0.5282	13.172	13.706	2.2828	0.0487	321.650	1.263	96.295	15.542	608.680	2.033	0.000
16/10/2019	05:00:00	8.419	0.2786	0.6948	9.402	10.061	2.0187	0.0318	313.150	1.422	100.000	14.904	608.590	1.923	0.000
16/10/2019	06:00:00	8.045	0.2662	0.7490	10.063	10.814	2.2092	0.0389	316.280	1.283	100.000	14.471	608.510	1.952	0.000
16/10/2019	07:00:00	5.378	0.3927	2.8366	16.984	19.856	2.3497	0.0253	299.880	0.566	100.000	14.322	608.580	2.024	0.000
16/10/2019	08:00:00	3.361	0.7802	12.4320	20.850	33.282	2.3899	0.0283	301.750	0.966	100.000	14.124	608.620	6.527	0.000
16/10/2019	09:00:00	4.016	0.9501	18.7070	20.230	38.885	2.3966	0.0440	261.680	0.533	99.839	14.854	608.760	68.273	0.000
16/10/2019	10:00:00	6.979	0.9149	18.0130	19.383	37.304	2.9687	0.0557	229.780	0.632	92.140	16.003	609.090	178.740	0.000
16/10/2019	11:00:00	15.375	0.4090	4.3471	7.069	11.453	2.7643	0.0468	161.220	0.869	72.556	18.002	609.510	490.470	0.000
16/10/2019	12:00:00	18.886	0.3109	1.9516	4.131	6.088	2.7417	0.0208	98.550	1.805	63.285	19.365	609.520	483.250	0.000
16/10/2019	13:00:00	18.974	0.2984	1.7294	3.707	5.429	2.4625	0.0333	86.326	3.063	53.111	21.290	609.270	667.510	0.000
16/10/2019	14:00:00	18.029	0.3081	1.8047	3.383	5.193	2.0808	0.0307	88.847	5.112	49.461	22.129	608.890	828.220	0.000
16/10/2019	15:00:00	18.577	0.2821	1.9811	3.642	5.624	2.1813	0.0335	91.677	5.046	47.290	22.642	608.530	657.580	0.000
16/10/2019	16:00:00	18.656	0.2815	1.7220	3.572	5.313	2.2128	0.0275	84.153	4.240	46.010	22.773	608.120	388.340	0.000
16/10/2019	17:00:00	17.886	0.2834	1.8999	4.108	6.009	2.1257	0.0261	81.736	3.993	48.395	22.827	607.670	357.840	0.000
16/10/2019	18:00:00	17.102	0.3227	1.8655	4.083	5.942	2.0663	0.0251	78.273	4.420	52.884	22.081	607.470	212.450	0.000
16/10/2019	19:00:00	14.991	0.3139	1.6327	5.220	6.859	2.2723	0.0364	75.175	3.875	58.743	20.941	607.600	42.448	0.000
16/10/2019	20:00:00	11.279	0.3993	1.8315	8.675	10.507	2.3351	0.0447	94.790	4.463	75.088	18.625	608.170	2.622	0.000
16/10/2019	21:00:00	10.725	0.3579	1.7150	8.109	9.815	2.2963	0.0394	111.040	4.214	76.208	17.803	608.770	2.204	0.000
16/10/2019	22:00:00	10.207	0.3543	1.7134	10.353	12.067	2.0272	0.0221	122.870	3.208	76.167	17.416	609.330	2.136	0.000
16/10/2019	23:00:00	12.311	0.3106	0.9160	7.696	8.614	2.0360	0.0049	114.780	3.325	73.940	17.367	609.510	2.153	0.000

PROMEDIO 24 HORAS	11.761	0.40154	3.5131	9.848	13.356	2.07	0.0355
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	17/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
17/10/2019	00:00:00	14.469	0.2944	0.4172	5.268	5.676	1.9599	0.0083	89.451	2.234	75.176	17.295	609.480	2.101	0.000
17/10/2019	01:00:00	14.849	0.2879	0.2306	4.818	5.052	1.9172	0.0216	81.113	2.286	84.494	17.075	609.330	1.974	0.000
17/10/2019	02:00:00	14.476	0.2597	0.2025	2.941	3.146	0.3883	0.0319	53.685	0.913	100.000	15.869	609.160	1.560	0.100
17/10/2019	03:00:00	14.237	0.2308	0.1564	2.971	3.130	0.0000	0.0270	60.212	0.625	100.000	15.599	608.990	1.637	0.400
17/10/2019	04:00:00	15.380	0.1873	0.0000	3.497	3.475	0.0000	0.0295	110.230	2.122	100.000	15.892	608.780	1.834	0.000
17/10/2019	05:00:00	16.938	0.1783	0.1722	2.718	2.889	0.0000	0.0047	104.260	1.977	100.000	15.933	608.640	1.871	0.000
17/10/2019	06:00:00	14.649	0.1906	0.2452	7.313	7.566	0.0000	0.0071	110.780	1.753	98.927	15.920	608.720	1.949	0.000
17/10/2019	07:00:00	12.029	0.2789	0.5509	13.055	13.602	0.0000	0.0060	101.750	1.330	96.678	16.028	608.960	1.999	0.000
17/10/2019	08:00:00	8.052	0.4894	2.1673	19.220	21.366	0.1277	0.0044	116.390	1.263	99.945	15.809	608.980	4.275	0.000
17/10/2019	09:00:00	3.252	0.7867	18.7070	25.898	44.623	0.5689	0.0171	117.380	1.072	99.713	16.110	609.250	27.906	0.000
17/10/2019	10:00:00	6.464	0.6856	9.7016	19.145	28.960	0.4619	0.0322	69.511	1.096	95.658	16.631	609.560	68.667	0.000
17/10/2019	11:00:00	11.263	0.4830	5.3312	12.641	17.977	0.6944	0.0291	94.380	0.742	88.387	17.527	609.630	137.730	0.000
17/10/2019	12:00:00	13.747	0.4211	3.9408	11.356	15.301	0.5478	0.0277	83.637	1.252	80.055	17.847	609.370	155.980	0.000
17/10/2019	13:00:00	17.267	0.3732	4.5250	7.387	11.891	0.1286	0.0357	110.810	1.149	73.449	19.456	608.950	630.680	0.000
17/10/2019	14:00:00	22.381	0.3305	3.2545	7.949	11.213	0.3758	0.0234	162.910	1.386	60.364	20.906	608.290	518.320	0.000
17/10/2019	15:00:00	26.128	0.3519	2.4445	7.996	10.445	0.0175	0.0188	168.940	1.403	54.351	22.358	607.480	641.940	0.000
17/10/2019	16:00:00	27.157	0.3050	2.4587	9.192	11.655	0.2451	0.0320	155.240	1.169	51.448	22.966	606.870	395.370	0.000
17/10/2019	17:00:00	27.984	0.3083	2.2487	9.591	11.885	0.3312	0.0305	161.990	0.933	49.849	23.390	606.550	348.560	0.000
17/10/2019	18:00:00	29.819	0.2838	1.0931	7.593	8.685	0.4446	0.0315	139.720	1.047	49.545	23.456	606.360	218.090	0.000
17/10/2019	19:00:00	26.010	0.3579	1.0128	11.214	12.240	0.2351	0.0406	60.895	1.032	51.399	23.032	606.360	58.165	0.000
17/10/2019	20:00:00	14.253	0.4238	1.9363	14.393	16.336	0.0301	0.0556	72.636	2.124	56.650	22.178	606.520	3.898	0.000
17/10/2019	21:00:00	6.539	0.5551	3.9381	24.618	28.579	0.0864	0.0544	129.050	2.337	59.154	21.557	606.690	2.139	0.000
17/10/2019	22:00:00	12.405	0.4421	1.9343	18.565	20.530	0.2579	0.0348	137.690	1.659	56.615	21.761	607.120	2.119	0.000
17/10/2019	23:00:00	10.967	0.3325	1.2516	14.629	15.798	0.0576	0.0142	122.970	2.622	64.012	20.844	607.350	2.170	0.000

PROMEDIO 24 HORAS	15.863	0.36824	2.8300	10.999	13.834	0.37	0.0258
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	18/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
18/10/2019	00:00:00	6.008	0.4040	2.4661	18.505	21.000	0.4205	0.0377	108.630	1.205	67.667	20.492	607.510	2.068	0.000
18/10/2019	01:00:00	7.127	0.3395	1.3504	15.782	17.055	0.1589	0.0334	110.090	1.558	71.029	19.899	607.440	1.987	0.000
18/10/2019	02:00:00	8.885	0.3143	0.4816	13.344	13.792	0.2901	0.0274	110.160	1.459	72.097	19.625	607.300	2.077	0.000
18/10/2019	03:00:00	9.697	0.2572	0.2534	9.258	9.509	0.7246	0.0127	108.790	1.636	76.039	18.926	607.210	2.037	0.000
18/10/2019	04:00:00	6.293	0.3117	1.1605	13.349	14.524	0.5476	0.0139	244.510	1.005	85.959	17.998	607.120	2.022	0.000
18/10/2019	05:00:00	2.222	0.4405	3.9694	17.471	21.426	0.5063	0.0289	301.220	1.237	96.272	16.857	607.230	2.063	0.000
18/10/2019	06:00:00	3.149	0.3099	3.0622	14.777	17.835	0.2842	0.0161	328.480	0.832	99.982	16.299	607.310	2.014	0.000
18/10/2019	07:00:00	3.305	0.4243	5.5297	15.452	20.981	0.6024	0.0188	219.600	1.008	100.000	15.598	607.400	2.033	0.000
18/10/2019	08:00:00	2.037	0.9266	29.0110	17.173	46.245	0.4415	0.0217	92.937	0.071	100.000	15.605	607.550	7.370	0.000
18/10/2019	09:00:00	2.892	1.3154	48.0880	19.475	67.520	0.7875	0.0449	78.756	0.020	98.882	16.638	607.710	130.190	0.000
18/10/2019	10:00:00	5.444	1.3225	41.8160	24.177	65.846	0.8956	0.0533	111.360	0.377	79.429	19.458	607.820	343.100	0.000
18/10/2019	11:00:00	17.807	0.4070	3.8155	7.434	11.267	0.5624	0.0483	220.340	1.462	59.790	22.213	607.660	547.710	0.000
18/10/2019	12:00:00	24.530	0.3492	1.7207	5.494	7.227	0.7433	0.0164	183.850	1.211	51.419	24.297	607.460	718.020	0.000
18/10/2019	13:00:00	30.697	0.3308	1.1364	5.315	6.448	0.6656	0.0210	175.360	1.202	44.683	26.021	606.950	860.930	0.000
18/10/2019	14:00:00	34.692	0.3688	1.2045	7.244	8.449	0.5916	0.0285	115.180	1.616	38.064	27.475	606.300	901.900	0.000
18/10/2019	15:00:00	39.754	0.3686	0.8907	8.544	9.443	0.5047	0.0393	171.130	1.585	38.338	26.825	605.660	388.350	0.000
18/10/2019	16:00:00	32.507	0.2948	0.9499	6.772	7.718	0.5472	0.0374	168.360	2.007	36.734	27.098	605.070	543.610	0.000
18/10/2019	17:00:00	30.231	0.2822	1.1250	6.747	7.869	0.3878	0.0261	164.090	1.462	34.065	27.564	604.600	359.010	0.000
18/10/2019	18:00:00	29.102	0.2848	0.7933	6.968	7.808	0.0369	0.0243	167.030	1.020	35.119	27.162	604.420	141.090	0.000
18/10/2019	19:00:00	24.276	0.4476	0.9518	11.534	12.486	0.4194	0.0207	184.280	2.654	49.729	24.635	604.690	12.170	0.000
18/10/2019	20:00:00	16.304	0.5761	1.7033	17.737	19.446	0.1396	0.0475	197.420	2.214	54.244	22.662	605.050	2.536	0.000
18/10/2019	21:00:00	15.323	0.5236	2.1629	14.275	16.414	0.3324	0.0157	143.850	3.780	66.028	21.627	605.390	2.190	0.000
18/10/2019	22:00:00	14.122	0.4492	1.9178	13.569	15.449	0.3163	0.0297	189.330	1.816	61.802	21.571	606.330	2.237	0.000
18/10/2019	23:00:00	19.889	0.3565	0.9434	7.283	8.225	0.2954	0.0160	238.540	1.963	64.269	20.600	606.870	2.250	0.000

PROMEDIO 24 HORAS	16.096	0.47521	6.5210	12.403	18.916	0.47	0.0283
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	19/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS							WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
		O3	CO	NO	NO2	NOX	SO2	PM10							
19/10/2019	00:00:00	12.631	0.4150	0.6081	15.694	16.227	0.4122	0.0091	138.690	0.699	70.296	20.436	606.960	2.196	0.000
19/10/2019	01:00:00	13.690	0.3588	0.6445	11.728	12.380	0.3220	0.0367	184.970	0.806	67.832	20.260	606.950	2.184	0.000
19/10/2019	02:00:00	17.439	0.2707	0.2839	6.914	7.195	0.3032	0.0000	230.280	0.570	64.162	19.954	606.830	2.205	0.000
19/10/2019	03:00:00	16.598	0.2821	0.3300	6.621	6.952	0.0000	0.0000	204.660	0.903	66.380	19.857	606.650	2.092	0.000
19/10/2019	04:00:00	15.946	0.2981	0.2584	6.006	6.264	0.0000	0.0060	195.830	1.072	67.716	19.928	606.530	2.086	0.000
19/10/2019	05:00:00	18.098	0.2591	0.1773	4.437	4.618	0.0235	0.0126	217.160	2.028	65.900	19.775	606.330	2.102	0.000
19/10/2019	06:00:00	16.800	0.2747	0.3182	3.981	4.295	0.0000	0.0060	208.990	2.396	69.876	19.667	606.230	2.149	0.000
19/10/2019	07:00:00	12.517	0.3251	0.7506	7.379	8.101	0.4225	0.0217	236.680	1.670	71.207	19.681	606.430	2.182	0.000
19/10/2019	08:00:00	3.709	0.5367	5.2804	20.398	25.641	0.6290	0.0133	270.590	0.601	73.641	19.168	606.640	4.004	0.000
19/10/2019	09:00:00	7.894	0.5437	4.7068	15.228	19.937	0.4011	0.0310	236.400	0.358	71.505	19.778	606.940	72.379	0.000
19/10/2019	10:00:00	13.121	0.4914	3.5950	9.485	13.092	0.7056	0.0132	235.400	1.515	66.493	20.785	607.250	159.110	0.000
19/10/2019	11:00:00	15.945	0.4408	3.1697	7.438	10.602	0.3079	0.0101	277.730	1.325	58.691	21.791	607.420	309.850	0.000
19/10/2019	12:00:00	18.207	0.3905	2.3489	5.320	7.672	0.4621	0.0085	273.630	1.615	51.862	22.654	607.480	382.940	0.000
19/10/2019	13:00:00	21.598	0.3415	1.7296	3.732	5.455	0.2915	0.0087	164.290	1.345	46.901	24.327	607.080	700.500	0.000
19/10/2019	14:00:00	23.185	0.3126	1.2636	3.221	4.489	0.1566	0.0256	148.930	1.531	43.275	25.395	606.380	619.810	0.000
19/10/2019	15:00:00	25.546	0.3499	0.8762	3.947	4.821	0.0000	0.0311	117.020	0.880	43.429	25.582	605.730	274.840	0.000
19/10/2019	16:00:00	26.044	0.3616	1.0217	4.736	5.762	0.2208	0.0346	268.930	0.921	41.869	26.614	605.090	562.660	0.000
19/10/2019	17:00:00	19.185	0.5191	1.7080	12.032	13.749	0.3265	0.0324	137.340	3.283	65.029	22.560	605.080	66.644	9.200
19/10/2019	18:00:00	12.939	0.7574	2.4715	15.668	18.143	0.0000	0.0818	186.240	1.693	98.452	18.675	605.970	25.948	1.700
19/10/2019	19:00:00	11.595	0.7519	2.1508	15.616	17.767	0.2784	0.0351	216.450	0.829	98.648	18.438	606.250	9.444	1.300
19/10/2019	20:00:00	6.193	1.0930	5.4403	26.026	31.367	0.2781	0.0178	304.900	1.124	100.000	18.207	606.330	2.075	0.400
19/10/2019	21:00:00	8.104	0.7415	3.0629	18.246	21.301	0.1605	0.0200	296.060	0.557	100.000	18.279	606.790	1.637	0.000
19/10/2019	22:00:00	5.157	0.9297	8.3971	22.592	30.930	0.2954	0.0135	21.866	0.807	100.000	18.396	607.210	1.850	0.000
19/10/2019	23:00:00	8.015	0.7130	2.3874	16.774	19.164	0.2480	0.0144	144.220	0.971	100.000	18.246	607.670	2.046	0.000

PROMEDIO 24 HORAS	14.590	0.48992	2.2075	10.967	13.164	0.26	0.0201
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	20/10/2019

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
20/10/2019	00:00:00	12.057	0.5004	0.8983	13.046	13.942	0.5435	0.0244	75.537	1.300	98.073	18.151	607.760	1.960	0.100
20/10/2019	01:00:00	CAL	0.6204	1.4201	18.975	20.381	0.0856	0.0127	111.300	1.095	100.000	17.815	607.580	2.132	0.700
20/10/2019	02:00:00	16.056	0.4486	CAL	CAL	CAL	0.1392	0.0102	145.800	1.216	100.000	17.793	607.150	2.152	0.200
20/10/2019	03:00:00	9.480	CAL	0.5996	18.784	19.351	0.5619	0.0071	88.028	1.465	100.000	17.734	606.830	1.945	0.000
20/10/2019	04:00:00	10.390	0.4503	0.4746	16.023	16.509	CAL	0.0227	106.360	2.251	100.000	17.608	606.580	1.927	0.000
20/10/2019	05:00:00	18.217	0.3564	0.3574	5.939	6.300	0.2115	0.0205	112.930	2.297	100.000	17.427	606.510	1.969	0.000
20/10/2019	06:00:00	13.215	0.4442	0.3694	11.831	12.219	0.3667	0.0060	97.174	0.648	100.000	17.313	606.580	2.140	0.400
20/10/2019	07:00:00	5.420	0.5460	1.8304	18.514	20.341	0.5593	0.0053	36.447	1.007	100.000	17.036	606.550	2.208	0.000
20/10/2019	08:00:00	5.422	0.6054	3.9882	19.060	23.096	0.3726	0.0087	56.482	0.706	100.000	16.962	606.800	3.897	0.000
20/10/2019	09:00:00	4.864	0.7533	5.7029	19.437	25.124	0.0000	0.0169	133.110	0.967	100.000	17.138	607.130	28.282	0.200
20/10/2019	10:00:00	7.275	0.7528	8.8258	17.455	26.321	0.4082	0.0154	77.891	1.282	100.000	18.066	607.380	158.750	0.100
20/10/2019	11:00:00	15.837	0.4721	3.7468	8.691	12.434	0.6916	0.0196	111.430	2.881	91.709	19.685	607.650	401.710	0.000
20/10/2019	12:00:00	17.445	0.4732	5.2324	8.965	14.224	0.6706	0.0129	111.610	3.127	78.304	20.861	607.580	543.340	0.000
20/10/2019	13:00:00	18.880	0.4491	2.5310	7.169	9.687	0.7072	0.0223	115.390	1.755	66.842	21.893	607.480	243.450	0.000
20/10/2019	14:00:00	19.242	0.4564	2.3591	7.113	9.489	1.0324	0.0182	105.810	1.439	60.341	23.378	606.880	463.380	0.000
20/10/2019	15:00:00	18.647	0.4649	2.3213	7.616	9.914	0.6032	0.0144	141.160	1.663	62.723	22.993	606.000	200.740	0.000
20/10/2019	16:00:00	13.245	0.5842	3.0216	9.750	12.761	0.6320	0.0350	235.080	1.752	79.496	20.645	605.680	101.190	1.200
20/10/2019	17:00:00	8.856	0.8209	10.4630	13.585	24.149	0.2431	0.0130	251.290	1.573	91.857	20.394	605.560	169.910	0.000
20/10/2019	18:00:00	15.437	0.5067	2.0200	6.732	8.756	0.5339	0.0107	127.430	1.125	96.810	20.718	605.530	153.920	0.000
20/10/2019	19:00:00	14.355	0.4932	1.4425	7.723	9.171	0.5204	0.0107	50.987	1.642	93.860	20.530	605.870	61.637	0.100
20/10/2019	20:00:00	8.078	0.7181	3.9743	14.243	18.168	0.3380	0.0099	167.050	0.992	99.020	19.631	606.140	4.084	0.000
20/10/2019	21:00:00	3.636	1.2081	13.8160	20.158	33.982	0.2509	0.0168	332.420	0.903	100.000	18.980	606.520	2.186	0.000
20/10/2019	22:00:00	3.065	0.9249	8.3682	18.985	27.373	0.2659	0.0234	291.700	0.823	100.000	18.681	606.950	2.114	0.000
20/10/2019	23:00:00	3.403	0.7457	4.8384	17.274	22.091	0.3215	0.0285	259.680	0.178	100.000	18.449	607.260	2.140	0.000

PROMEDIO 24 HORAS	11.414	0.59980	3.8522	13.351	17.208	0.44	0.0161
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	21/10/2019

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							
21/10/2019	00:00:00	4.030	0.6751	3.5302	14.954	18.467	0.0000	0.0196	208.410	0.515	100.000	18.384	607.660	2.123	0.000
21/10/2019	01:00:00	5.999	0.5457	0.8933	11.253	12.152	0.3647	0.0173	309.850	0.541	100.000	18.370	607.680	2.122	0.000
21/10/2019	02:00:00	5.711	0.4714	0.9028	11.361	12.264	0.5160	0.0192	316.140	0.535	100.000	18.375	607.630	2.099	0.000
21/10/2019	03:00:00	2.905	0.3467	1.4201	13.077	14.502	0.0470	0.0158	171.160	0.335	100.000	18.360	607.680	1.941	0.000
21/10/2019	04:00:00	10.081	0.2330	0.5383	3.712	4.244	0.0000	0.0152	242.750	1.243	97.232	18.359	607.420	2.097	0.000
21/10/2019	05:00:00	8.332	0.2816	0.4181	5.452	5.870	0.0000	0.0119	285.860	0.498	99.886	17.984	607.210	2.024	0.000
21/10/2019	06:00:00	9.040	0.2718	0.7856	5.625	6.399	0.0000	0.0066	240.890	1.152	95.886	18.236	607.160	2.041	0.000
21/10/2019	07:00:00	9.557	0.3310	1.2021	8.224	9.413	0.0000	0.0045	218.840	1.436	90.584	18.291	607.410	2.098	0.000
21/10/2019	08:00:00	3.968	0.7983	9.1180	17.419	26.562	0.0000	0.0067	228.630	0.956	90.190	18.251	607.840	5.701	0.000
21/10/2019	09:00:00	3.580	1.2614	32.8450	18.243	51.167	0.0000	0.0261	248.030	0.481	92.874	18.209	608.350	59.799	0.000
21/10/2019	10:00:00	10.064	0.7377	14.7340	9.518	24.197	0.1456	0.0392	247.420	1.839	74.177	19.999	608.820	337.170	0.100
21/10/2019	11:00:00	14.565	0.3955	3.6753	5.777	9.405	0.0670	0.0067	247.850	2.587	63.735	21.392	608.890	536.150	0.000
21/10/2019	12:00:00	16.514	0.3283	2.2532	4.073	6.328	0.0000	0.0081	239.010	3.126	55.501	22.637	608.720	674.780	0.000
21/10/2019	13:00:00	17.786	0.3203	1.8001	3.238	5.040	0.0000	0.0122	239.970	2.640	50.638	23.653	608.590	797.810	0.000
21/10/2019	14:00:00	19.595	0.3016	1.5794	3.156	4.720	0.0000	0.0101	261.520	2.544	43.741	24.981	608.170	870.970	0.000
21/10/2019	15:00:00	20.229	0.2897	1.3833	3.483	4.866	0.0000	0.0111	247.130	2.261	42.242	25.469	607.570	582.800	0.000
21/10/2019	16:00:00	19.193	0.3093	1.2879	3.937	5.224	0.0738	0.0147	254.030	2.613	44.775	24.998	607.190	262.500	0.000
21/10/2019	17:00:00	16.511	0.3867	1.9253	5.662	7.589	0.0000	0.0134	204.480	1.874	46.396	24.936	607.000	273.330	0.000
21/10/2019	18:00:00	15.586	0.4011	4.1011	7.693	11.793	0.0000	0.0133	140.200	2.476	54.393	24.047	606.900	205.710	0.000
21/10/2019	19:00:00	12.548	0.4821	4.0934	9.276	13.349	0.0000	0.0486	96.572	2.165	57.146	23.493	607.130	55.097	0.000
21/10/2019	20:00:00	12.146	0.4827	2.5389	8.110	10.662	0.0000	0.0391	142.680	2.333	64.026	21.727	607.780	2.988	0.000
21/10/2019	21:00:00	7.908	0.6321	4.1756	13.237	17.305	0.1405	0.0299	296.170	1.309	82.357	19.930	608.520	2.209	0.200
21/10/2019	22:00:00	7.857	0.5077	3.0188	11.536	14.501	0.1980	0.0281	174.620	1.166	94.721	18.668	609.230	2.090	0.000
21/10/2019	23:00:00	7.449	0.5070	2.0490	12.319	14.361	0.0000	0.0167	284.750	0.944	94.533	18.641	609.670	2.169	0.000

PROMEDIO 24 HORAS	10.881	0.47074	4.1779	8.764	12.933	0.06	0.0181
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	22/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
22/10/2019	00:00:00	9.339	0.4099	1.0826	8.968	10.042	0.0000	0.0147	253.960	0.687	88.258	18.693	609.890	2.190	0.000
22/10/2019	01:00:00	12.068	0.3598	0.7336	8.133	8.842	0.2262	0.0089	151.830	1.444	82.151	19.073	610.170	2.273	0.000
22/10/2019	02:00:00	18.997	0.2668	0.0000	3.139	3.023	0.0000	0.0041	80.407	2.970	78.932	18.804	610.160	2.116	0.000
22/10/2019	03:00:00	18.570	0.2840	0.0162	4.127	4.143	0.0000	0.0056	116.810	2.222	92.754	17.910	610.190	1.960	0.800
22/10/2019	04:00:00	15.664	0.3161	0.1715	7.627	7.804	0.0000	0.0208	112.480	1.298	100.000	17.144	610.120	2.005	0.900
22/10/2019	05:00:00	22.876	0.2473	0.1384	2.889	3.021	0.0000	0.0173	87.184	3.118	96.171	16.889	609.850	2.056	0.000
22/10/2019	06:00:00	15.236	0.3151	0.2126	12.276	12.469	0.0000	0.0107	92.851	1.103	98.080	16.765	609.760	2.072	0.000
22/10/2019	07:00:00	5.913	0.5497	5.3806	24.229	29.609	0.0000	0.0175	56.678	0.721	100.000	16.259	609.900	2.102	0.000
22/10/2019	08:00:00	2.223	1.1469	28.3760	31.304	59.713	0.0000	0.0213	69.706	0.963	98.272	16.692	610.270	3.007	0.000
22/10/2019	09:00:00	2.850	1.2964	31.9950	27.901	59.887	0.0000	0.0320	41.059	1.053	100.000	16.605	611.020	34.229	0.000
22/10/2019	10:00:00	6.833	0.7443	12.4010	19.861	32.296	0.0000	0.0615	42.830	1.395	97.435	17.024	611.600	85.766	0.000
22/10/2019	11:00:00	17.605	0.4758	2.8280	9.839	12.678	0.0000	0.0472	73.233	2.477	89.388	17.815	611.820	207.950	0.000
22/10/2019	12:00:00	21.052	0.4098	2.0664	6.050	8.112	0.0000	0.0256	94.773	3.151	73.138	18.633	611.950	259.700	0.000
22/10/2019	13:00:00	21.985	0.4469	2.0429	6.145	8.177	0.0000	0.0156	91.523	3.726	73.372	18.858	611.780	287.450	0.000
22/10/2019	14:00:00	20.251	0.4612	2.0639	6.716	8.795	0.0000	0.0322	87.534	3.887	73.673	18.854	611.380	177.000	0.000
22/10/2019	15:00:00	19.421	0.4422	2.1564	6.290	8.460	0.0000	0.0282	90.164	5.182	79.889	17.363	611.040	143.280	0.100
22/10/2019	16:00:00	22.351	0.4291	1.6854	7.691	9.392	0.0000	0.0218	110.420	2.769	83.736	14.836	611.090	110.040	0.000
22/10/2019	17:00:00	18.365	0.5624	3.0906	15.483	18.605	0.0000	0.0114	139.340	1.390	77.705	15.904	610.710	109.100	0.000
22/10/2019	18:00:00	16.913	0.6169	3.4907	16.433	19.916	0.0000	0.0288	114.170	1.270	72.844	17.470	610.250	139.610	0.000
22/10/2019	19:00:00	18.677	0.4696	2.6412	10.480	13.131	0.0000	0.0322	73.394	2.475	63.939	17.662	610.100	77.166	0.000
22/10/2019	20:00:00	15.906	0.5391	1.5486	14.189	15.817	0.0000	0.0157	91.364	3.107	69.474	16.324	610.310	3.566	0.000
22/10/2019	21:00:00	14.403	0.6625	3.1114	15.271	18.414	0.0000	0.0258	55.851	1.864	77.680	15.581	610.700	2.114	0.000
22/10/2019	22:00:00	12.868	0.5533	1.6553	17.489	19.133	0.0000	0.0335	99.537	3.099	74.716	16.309	611.230	2.101	0.000
22/10/2019	23:00:00	7.616	0.6121	2.5657	24.802	27.346	0.0000	0.0336	88.723	1.717	78.699	15.953	611.480	2.007	0.000

PROMEDIO 24 HORAS	14.916	0.52571	4.6439	12.805	17.451	0.01	0.0236
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	23/10/2019

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							
23/10/2019	00:00:00	7.957	0.5454	1.7728	23.424	25.191	0.0000	0.0518	97.300	1.529	83.816	15.754	611.350	2.042	0.000
23/10/2019	01:00:00	4.038	0.5999	4.5027	29.422	33.956	0.0000	0.0397	91.401	1.121	88.320	15.472	611.130	2.004	0.000
23/10/2019	02:00:00	8.739	0.4023	1.6974	15.371	17.078	0.0000	0.0465	56.546	0.994	97.919	14.356	610.840	2.018	0.000
23/10/2019	03:00:00	14.901	0.2599	0.4698	7.355	7.824	0.0000	0.0364	38.600	0.439	96.394	14.353	610.430	2.088	0.000
23/10/2019	04:00:00	16.814	0.2287	0.1960	6.447	6.645	0.0000	0.0252	58.551	0.883	94.552	14.810	610.240	2.004	0.000
23/10/2019	05:00:00	18.957	0.2369	0.2286	4.259	4.490	0.0000	0.0229	38.171	1.022	100.000	14.159	610.130	1.979	0.000
23/10/2019	06:00:00	16.078	0.2911	0.1886	8.196	8.380	0.0000	0.0434	42.968	0.828	100.000	13.976	610.000	1.946	0.000
23/10/2019	07:00:00	9.959	0.3517	1.1038	17.510	18.615	0.0000	0.0561	48.628	0.377	100.000	14.082	610.080	1.997	0.000
23/10/2019	08:00:00	4.339	0.8220	12.6590	23.687	36.367	0.0000	0.0493	218.860	0.972	100.000	14.070	610.130	3.120	0.000
23/10/2019	09:00:00	6.291	0.7878	10.1090	22.176	32.292	0.0000	0.0606	257.880	0.971	100.000	14.159	610.550	35.175	0.000
23/10/2019	10:00:00	10.202	0.5611	7.1085	16.710	23.809	0.0000	0.0421	137.630	1.203	100.000	14.434	611.020	97.435	0.000
23/10/2019	11:00:00	13.828	0.4317	3.9336	11.703	15.628	0.0000	0.0280	69.742	1.193	99.959	15.433	611.240	127.800	0.000
23/10/2019	12:00:00	19.439	0.3223	3.1359	9.346	12.512	0.0000	0.0198	103.250	1.966	81.548	17.123	611.010	272.870	0.000
23/10/2019	13:00:00	19.409	0.3569	3.4912	9.828	13.329	0.0000	0.0096	88.438	1.527	74.910	17.948	610.390	328.780	0.000
23/10/2019	14:00:00	23.213	0.2462	1.6542	4.027	5.697	0.0000	0.0317	135.290	1.001	69.889	18.580	609.650	403.950	0.000
23/10/2019	15:00:00	25.346	0.2552	1.5316	5.999	7.531	0.0000	0.0145	202.380	1.168	60.645	20.037	608.760	376.210	0.000
23/10/2019	16:00:00	23.020	0.2003	1.6239	5.015	6.642	0.0000	0.0183	118.460	1.749	61.197	20.175	608.130	268.710	0.000
23/10/2019	17:00:00	22.831	0.2127	1.4928	4.750	6.237	0.0000	0.0199	51.906	2.395	63.059	20.232	607.700	246.290	0.000
23/10/2019	18:00:00	22.787	0.1801	1.6403	4.543	6.183	0.0000	0.0346	54.930	2.430	60.323	20.692	607.640	280.770	0.000
23/10/2019	19:00:00	19.335	0.2897	1.5829	8.249	9.840	0.0000	0.0186	70.619	1.807	63.871	19.959	607.670	75.286	0.000
23/10/2019	20:00:00	13.598	0.3336	1.6210	12.306	13.899	0.0000	0.0264	72.718	2.309	70.746	18.704	607.970	3.740	0.000
23/10/2019	21:00:00	14.030	0.3269	1.6874	11.619	13.314	0.0000	0.0352	83.773	2.545	79.600	17.529	608.560	2.107	0.000
23/10/2019	22:00:00	13.217	0.3409	1.2028	14.354	15.521	0.0000	0.0275	89.453	2.856	87.921	16.976	608.910	2.177	0.000
23/10/2019	23:00:00	11.104	0.3402	1.4412	16.354	17.805	0.0000	0.0346	95.046	2.602	91.845	16.784	609.260	2.046	0.000

PROMEDIO 24 HORAS	14.976	0.37181	2.7531	12.194	14.949	0.00	0.0330
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	24/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
24/10/2019	00:00:00	13.565	0.2611	0.9356	11.137	12.077	0.0000	0.0259	90.231	2.586	92.965	16.465	609.430	2.147	0.000
24/10/2019	01:00:00	15.089	0.2004	0.2703	7.159	7.438	0.0000	0.0293	90.622	2.536	94.649	16.361	609.110	1.983	0.000
24/10/2019	02:00:00	16.661	0.1958	0.1195	5.146	5.260	1.1226	0.0183	82.752	2.782	94.470	15.811	608.890	1.923	0.000
24/10/2019	03:00:00	16.917	0.2170	0.0498	4.190	4.240	1.7654	0.0058	74.780	2.029	96.610	15.354	608.750	2.048	0.000
24/10/2019	04:00:00	16.827	0.2101	0.1939	3.792	3.987	1.3343	0.0085	61.074	1.427	97.073	14.906	608.420	1.991	0.000
24/10/2019	05:00:00	14.511	0.2131	0.3006	4.976	5.280	1.2576	0.0107	49.483	1.018	96.253	14.736	608.120	1.916	0.000
24/10/2019	06:00:00	12.365	0.2798	0.5484	7.777	8.326	1.3452	0.0057	113.920	0.950	94.326	14.587	608.110	1.944	0.000
24/10/2019	07:00:00	6.780	0.4791	4.7116	19.377	24.003	1.5388	0.0691	327.670	1.120	97.775	14.123	608.150	2.024	0.000
24/10/2019	08:00:00	2.409	1.0372	24.7090	25.383	50.080	1.2055	0.0421	312.060	0.721	100.000	13.821	608.210	4.646	0.000
24/10/2019	09:00:00	4.116	1.0397	23.8790	23.133	47.019	1.8213	0.0615	311.050	0.587	98.498	14.320	608.490	113.620	0.000
24/10/2019	10:00:00	15.169	0.3998	4.5874	9.113	13.678	2.2739	0.0570	269.120	0.593	84.118	16.005	608.600	352.360	0.000
24/10/2019	11:00:00	18.581	0.4312	3.6329	6.283	9.947	1.9123	0.0338	192.420	0.855	69.465	17.898	608.640	544.820	0.000
24/10/2019	12:00:00	22.058	0.3407	1.6222	4.125	5.749	1.7785	0.0321	101.380	1.066	61.859	19.712	608.430	682.840	0.000
24/10/2019	13:00:00	24.488	0.3331	1.4886	4.495	5.984	1.5690	0.0317	166.410	1.113	56.027	21.080	608.030	629.510	0.000
24/10/2019	14:00:00	26.810	0.2646	0.8893	3.402	4.294	1.1377	0.0344	193.940	1.290	49.643	22.341	607.340	814.220	0.000
24/10/2019	15:00:00	27.101	0.2709	1.3695	4.316	5.694	1.0841	0.0337	144.470	1.674	44.643	23.762	606.450	622.430	0.000
24/10/2019	16:00:00	26.244	0.2320	1.1386	3.700	4.843	1.0699	0.0403	173.050	1.773	43.466	24.181	605.760	589.490	0.000
24/10/2019	17:00:00	26.507	0.2371	1.7057	4.456	6.113	1.0895	0.0249	125.710	2.308	43.180	24.718	605.380	517.740	0.000
24/10/2019	18:00:00	24.452	0.2541	1.3367	5.081	6.423	1.2901	0.0307	52.532	2.112	45.241	24.053	605.340	183.920	0.000
24/10/2019	19:00:00	17.979	0.4651	2.7431	10.346	13.097	1.0261	0.0171	43.232	1.989	48.431	22.732	605.560	34.763	0.000
24/10/2019	20:00:00	15.751	0.4572	1.9223	11.549	13.467	1.1624	0.0390	78.137	2.621	56.578	21.288	606.060	3.316	0.000
24/10/2019	21:00:00	17.138	0.3999	1.0632	11.280	12.328	1.3266	0.0509	96.511	2.904	66.432	20.083	606.760	2.246	0.000
24/10/2019	22:00:00	17.398	0.3530	0.8075	11.059	11.870	1.5448	0.0483	103.200	3.483	68.369	19.539	607.120	2.195	0.000
24/10/2019	23:00:00	15.763	0.3067	0.6903	10.319	10.999	1.6613	0.0205	94.785	3.450	66.348	19.195	607.520	2.252	0.000

PROMEDIO 24 HORAS	17.278	0.36995	3.3631	8.816	12.175	1.30	0.0321
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	25/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
25/10/2019	00:00:00	13.110	0.3186	0.5899	12.037	12.658	1.4667	0.0149	89.916	2.776	72.294	18.335	607.880	2.099	0.000
25/10/2019	01:00:00	10.182	0.3198	0.6590	13.178	13.866	1.6739	0.0420	94.251	2.650	78.409	17.948	607.670	2.097	0.000
25/10/2019	02:00:00	14.356	0.2622	0.2871	6.412	6.699	0.0000	0.0355	122.340	2.586	86.655	17.656	607.590	2.007	0.000
25/10/2019	03:00:00	14.101	0.2266	0.3032	5.749	6.054	0.0000	0.0149	143.660	1.548	85.461	17.337	607.490	2.038	0.000
25/10/2019	04:00:00	8.081	0.2769	0.6872	10.743	11.454	0.0000	0.0087	322.550	0.764	94.111	16.298	607.480	2.011	0.000
25/10/2019	05:00:00	5.436	0.2656	0.8200	13.400	14.225	0.0000	0.0248	282.250	0.139	100.000	15.534	607.390	2.041	0.000
25/10/2019	06:00:00	3.377	0.3533	7.6330	16.341	23.926	0.0000	0.0247	110.610	0.587	100.000	15.315	607.380	2.031	0.000
25/10/2019	07:00:00	2.056	0.4991	26.1130	20.828	46.958	0.0000	0.0426	103.020	1.364	100.000	15.014	607.660	1.945	0.000
25/10/2019	08:00:00	2.440	1.1295	54.0170	20.282	74.214	0.0000	0.0437	161.070	1.101	100.000	14.688	607.990	6.056	0.000
25/10/2019	09:00:00	2.436	1.3578	65.7120	17.491	83.216	0.0000	0.0992	315.280	0.430	100.000	14.314	608.520	38.940	0.000
25/10/2019	10:00:00	4.436	1.2781	56.3060	24.867	80.589	0.0316	0.1275	202.860	0.951	90.954	16.529	608.950	167.240	0.000
25/10/2019	11:00:00	12.484	0.4607	8.7666	11.820	20.605	0.0000	0.0759	160.710	1.794	69.401	18.810	608.980	397.140	0.000
25/10/2019	12:00:00	19.518	0.2726	2.8716	4.696	7.561	0.0000	0.0318	142.370	2.707	54.442	20.918	608.830	680.560	0.000
25/10/2019	13:00:00	23.262	0.2648	1.8287	4.595	6.416	0.0000	0.0184	133.920	2.408	49.963	22.153	608.250	768.060	0.000
25/10/2019	14:00:00	25.220	0.2582	1.9771	5.049	7.028	0.0000	0.0259	123.010	1.896	46.101	23.581	607.490	864.620	0.000
25/10/2019	15:00:00	25.690	0.2369	1.5387	4.876	6.412	0.0000	0.0308	112.000	2.149	42.899	24.121	606.750	736.100	0.000
25/10/2019	16:00:00	22.793	0.2576	1.7179	5.910	7.632	0.0000	0.0277	84.414	2.965	48.737	23.462	606.250	266.580	0.000
25/10/2019	17:00:00	21.016	0.2706	2.4289	7.047	9.465	0.0000	0.0308	96.021	2.548	48.445	23.945	606.000	443.990	0.000
25/10/2019	18:00:00	20.776	0.2820	2.1122	6.660	8.772	0.0000	0.0232	88.565	2.082	48.732	23.907	605.920	231.680	0.000
25/10/2019	19:00:00	16.201	0.3379	2.1253	8.022	10.128	0.0000	0.0275	146.180	3.162	63.055	21.063	606.370	33.359	0.800
25/10/2019	20:00:00	15.547	0.4051	1.3068	6.014	7.330	0.0000	0.1052	128.600	3.361	100.000	16.460	607.530	1.529	4.800
25/10/2019	21:00:00	14.146	0.4158	1.2917	5.431	6.725	0.0000	0.0347	75.325	2.878	100.000	15.614	608.310	1.648	0.000
25/10/2019	22:00:00	12.093	0.3954	1.3364	10.982	12.303	0.0000	0.0068	108.470	3.478	100.000	15.144	608.940	1.848	0.000
25/10/2019	23:00:00	12.766	0.3824	1.0873	11.456	12.600	0.0000	0.0000	101.870	2.144	100.000	14.312	609.400	1.948	0.000

PROMEDIO 24 HORAS	13.397	0.43863	10.1465	10.579	20.701	0.13	0.0382
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	26/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
26/10/2019	00:00:00	14.682	0.3330	0.6865	8.321	9.026	0.0000	0.0000	91.884	2.849	96.473	14.142	609.430	2.024	0.000
26/10/2019	01:00:00	14.725	0.3225	0.4786	8.271	8.761	0.0000	0.0000	89.672	1.637	98.163	13.852	609.370	1.932	0.000
26/10/2019	02:00:00	10.126	0.3453	0.3067	12.678	12.989	0.0000	0.0056	164.170	0.658	100.000	14.293	609.180	1.869	0.500
26/10/2019	03:00:00	12.276	0.3111	0.0488	9.960	10.006	0.0000	0.0264	101.210	1.198	100.000	13.975	608.980	1.409	0.900
26/10/2019	04:00:00	12.021	0.3125	0.3170	11.761	12.076	0.0000	0.0119	39.238	1.259	100.000	13.444	608.650	1.204	0.100
26/10/2019	05:00:00	10.654	0.2845	0.2675	12.983	13.252	0.0000	0.0190	194.480	1.190	100.000	13.359	608.510	1.511	0.000
26/10/2019	06:00:00	7.932	0.2631	0.7203	11.917	12.632	0.1213	0.0217	245.260	1.451	100.000	13.063	608.500	1.638	0.000
26/10/2019	07:00:00	9.866	0.2756	1.1595	8.599	9.738	0.0000	0.0130	132.690	1.617	100.000	12.692	608.650	1.764	0.000
26/10/2019	08:00:00	11.509	0.2975	1.2146	8.332	9.543	0.1509	0.0108	47.112	1.426	100.000	12.457	608.730	2.622	0.000
26/10/2019	09:00:00	11.972	0.3727	2.3232	9.886	12.247	0.0000	0.0189	152.390	0.941	100.000	12.490	608.950	35.280	0.000
26/10/2019	10:00:00	11.844	0.3956	3.0162	8.374	11.392	0.0000	0.0188	56.741	1.306	100.000	12.887	609.350	56.454	0.000
26/10/2019	11:00:00	11.115	0.4071	3.3139	7.604	10.911	0.2810	0.0231	165.560	1.516	100.000	12.758	609.760	66.345	0.000
26/10/2019	12:00:00	11.854	0.3874	3.8283	6.558	10.384	0.2853	0.0155	71.079	1.869	100.000	12.916	609.790	139.980	0.000
26/10/2019	13:00:00	15.596	0.3321	2.6581	4.740	7.391	0.0000	0.0148	127.010	1.489	98.442	14.578	609.450	382.890	0.000
26/10/2019	14:00:00	20.080	0.2921	1.8458	5.067	6.913	0.0000	0.0139	185.170	0.630	84.430	16.184	608.730	269.420	0.000
26/10/2019	15:00:00	22.015	0.3659	2.1399	8.371	10.525	0.0922	0.0145	124.590	0.898	72.946	17.387	608.000	284.740	0.000
26/10/2019	16:00:00	24.488	0.5034	4.7089	13.250	17.927	0.0000	0.0284	107.280	1.037	66.426	18.965	607.580	546.600	0.000
26/10/2019	17:00:00	28.833	0.5583	4.9992	15.582	20.595	0.0100	0.0468	126.860	1.297	63.299	19.883	607.210	495.540	0.000
26/10/2019	18:00:00	28.602	0.5927	3.7290	19.349	23.083	0.0000	0.0462	95.166	1.427	62.198	20.314	606.950	286.510	0.000
26/10/2019	19:00:00	20.288	0.6073	3.1116	24.615	27.771	0.4464	0.0646	96.784	1.609	65.752	19.562	606.940	95.124	0.000
26/10/2019	20:00:00	7.132	0.8636	7.8733	38.661	46.492	0.3867	0.0755	104.730	1.242	71.586	18.457	607.220	5.060	0.000
26/10/2019	21:00:00	4.552	0.9052	7.4701	37.768	45.245	0.4713	0.0941	152.820	0.859	75.434	17.904	607.550	2.163	0.000
26/10/2019	22:00:00	4.700	0.9837	9.0606	35.611	44.659	0.6172	0.0760	161.500	0.313	82.235	17.382	607.860	2.207	0.000
26/10/2019	23:00:00	1.705	1.7115	58.7890	31.324	90.203	0.8705	0.0740	214.060	0.363	93.112	16.546	608.220	2.120	0.000

PROMEDIO 24 HORAS	13.690	0.50099	5.1694	14.983	20.157	0.16	0.0306
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	27/10/2019

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							
27/10/2019	00:00:00	1.877	2.1737	72.8150	30.825	103.620	1.1051	0.1164	93.242	0.447	99.697	15.788	608.490	2.199	0.000
27/10/2019	01:00:00	CAL	1.5447	53.8450	27.445	81.260	0.7933	0.1783	179.380	0.133	100.000	15.620	608.470	2.072	0.000
27/10/2019	02:00:00	2.244	1.3755	CAL	CAL	CAL	1.1764	0.0838	94.050	0.524	100.000	14.871	608.240	2.085	0.000
27/10/2019	03:00:00	0.321	CAL	43.7390	17.868	61.594	0.9424	0.1238	337.690	0.102	100.000	13.930	607.880	2.069	0.000
27/10/2019	04:00:00	0.622	1.3044	62.0690	14.636	76.592	CAL	0.0854	211.000	0.149	100.000	13.789	607.710	2.098	0.000
27/10/2019	05:00:00	2.157	1.3072	67.8540	14.458	82.321	1.2276	0.0962	81.257	0.116	100.000	13.542	607.820	1.963	0.000
27/10/2019	06:00:00	1.855	1.3341	65.9180	13.994	79.877	1.3965	0.1058	196.990	0.198	100.000	13.230	608.010	2.037	0.000
27/10/2019	07:00:00	0.954	1.3619	66.3940	14.704	81.131	1.2854	0.0900	97.515	0.386	100.000	12.935	608.180	5.305	0.000
27/10/2019	08:00:00	3.032	1.1690	44.5320	15.959	60.352	1.0942	0.0866	260.070	0.233	100.000	13.423	608.570	102.690	0.000
27/10/2019	09:00:00	4.471	1.2605	45.0560	25.593	70.747	1.1169	0.0809	81.796	0.417	92.130	16.127	608.870	315.550	0.000
27/10/2019	10:00:00	9.610	1.3292	44.8550	40.375	85.273	1.8920	0.0936	106.580	0.631	74.712	18.624	609.050	461.700	0.000
27/10/2019	11:00:00	18.606	1.0214	19.2760	32.125	51.473	1.5472	0.0944	128.120	0.720	65.307	20.702	608.980	630.340	0.000
27/10/2019	12:00:00	26.778	0.7354	6.2485	17.735	23.986	1.4874	0.0820	173.880	1.089	58.590	22.451	608.710	776.910	0.000
27/10/2019	13:00:00	30.593	0.5845	3.9547	15.207	19.158	1.7573	0.0636	114.250	1.667	53.468	23.268	608.140	604.160	0.000
27/10/2019	14:00:00	30.949	0.4440	2.7145	10.539	13.244	1.7667	0.0596	122.300	1.640	46.832	24.308	607.500	617.090	0.000
27/10/2019	15:00:00	30.726	0.4319	1.9540	10.124	12.099	1.6133	0.0418	123.720	1.733	45.925	24.009	607.080	338.930	0.000
27/10/2019	16:00:00	31.419	0.4457	1.2560	10.963	12.216	1.8000	0.0281	116.480	0.909	45.199	24.335	606.830	197.270	0.000
27/10/2019	17:00:00	25.881	0.4305	1.2521	6.231	7.452	1.2898	0.0324	71.300	3.132	49.069	24.104	606.640	248.770	0.000
27/10/2019	18:00:00	19.894	0.4814	1.1593	9.739	10.881	0.7323	0.0329	72.934	2.281	52.900	22.880	606.830	60.417	0.000
27/10/2019	19:00:00	17.702	0.5408	0.8136	11.874	12.711	0.8955	0.0469	103.960	2.688	61.492	21.651	607.210	2.996	0.000
27/10/2019	20:00:00	11.611	0.6428	1.5525	21.599	23.199	0.8608	0.0433	117.860	2.489	63.351	20.933	607.510	2.150	0.000
27/10/2019	21:00:00	13.093	0.5793	1.3733	18.339	19.730	0.6973	0.0421	111.080	2.634	63.569	20.134	607.950	2.186	0.000
27/10/2019	22:00:00	4.058	0.8562	7.5156	31.753	39.293	0.5788	0.0210	105.500	1.072	66.336	19.408	608.390	2.181	0.000
27/10/2019	23:00:00	1.201	1.3608	47.0000	32.781	79.784	0.9847	0.0562	126.820	0.020	70.024	18.929	608.400	2.101	0.000

PROMEDIO 24 HORAS	12.594	0.98761	28.8325	19.342	48.174	1.22	0.0744
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	28/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora	DATOS METEOROLÓGICOS													
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
28/10/2019	00:00:00	2.654	1.5816	61.9030	31.399	93.116	1.2987	0.1055	111.350	0.017	76.302	17.780	608.380	2.122	0.000
28/10/2019	01:00:00	2.247	1.8355	75.0720	25.295	100.660	1.5023	0.1132	264.460	0.721	88.160	17.044	608.430	1.971	0.000
28/10/2019	02:00:00	1.959	0.8023	15.6740	22.952	38.585	1.5876	0.1354	79.253	0.602	98.569	15.450	608.390	1.932	0.000
28/10/2019	03:00:00	2.751	0.4647	4.2635	20.728	24.962	1.5480	0.1474	313.580	0.680	97.979	15.190	608.180	2.037	0.000
28/10/2019	04:00:00	5.942	0.2558	1.0245	11.183	12.194	1.5507	0.0476	278.030	0.594	91.112	14.920	608.070	2.128	0.000
28/10/2019	05:00:00	5.289	0.2720	1.2653	11.597	12.861	1.1984	0.0072	278.780	0.674	93.365	14.672	607.940	1.998	0.000
28/10/2019	06:00:00	2.448	0.3727	9.1947	14.784	23.944	0.9092	0.0183	195.520	0.451	97.364	13.906	608.130	1.995	0.000
28/10/2019	07:00:00	1.180	0.9220	51.1590	17.302	68.277	1.5657	0.0458	157.560	0.160	99.590	13.474	608.380	4.014	0.000
28/10/2019	08:00:00	1.886	1.6276	59.9640	19.639	79.551	1.8857	0.0976	305.910	0.250	91.487	14.485	608.720	118.470	0.000
28/10/2019	09:00:00	7.336	0.8322	18.5150	17.456	35.841	2.3070	0.0942	262.480	0.260	70.683	17.249	608.890	341.770	0.000
28/10/2019	10:00:00	14.452	0.7869	10.7710	17.291	28.068	2.3547	0.0393	215.390	0.436	59.527	19.933	608.930	535.020	0.000
28/10/2019	11:00:00	22.482	0.8350	8.5119	19.403	27.969	2.0105	0.0446	131.550	0.632	51.158	22.075	608.850	684.510	0.000
28/10/2019	12:00:00	29.600	0.7956	6.5934	20.942	27.521	1.6732	0.0466	141.570	1.068	45.923	23.909	608.480	754.540	0.000
28/10/2019	13:00:00	38.952	0.7585	4.8246	20.050	24.851	1.6191	0.0690	114.780	1.621	43.313	25.033	607.770	799.840	0.000
28/10/2019	14:00:00	43.888	0.6599	3.3263	17.714	21.019	2.0045	0.0738	96.825	1.702	41.138	25.825	607.020	754.980	0.000
28/10/2019	15:00:00	47.615	0.5018	1.8957	12.904	14.813	2.3036	0.0617	151.250	1.440	39.114	26.543	606.390	628.190	0.000
28/10/2019	16:00:00	42.110	0.4432	1.0996	9.182	10.271	1.7278	0.0492	133.820	1.685	36.886	27.091	605.910	504.260	0.000
28/10/2019	17:00:00	37.246	0.4187	1.0191	8.377	9.433	1.5706	0.0425	101.310	1.850	36.250	27.115	605.700	325.050	0.000
28/10/2019	18:00:00	27.562	0.5013	2.2521	11.194	13.454	1.3602	0.0362	58.865	2.599	45.677	25.005	605.850	49.303	0.000
28/10/2019	19:00:00	18.800	0.5440	1.2433	14.550	15.790	1.2507	0.0320	90.065	3.012	55.775	23.316	606.200	3.528	0.000
28/10/2019	20:00:00	13.709	0.5930	1.4379	19.322	20.759	1.6806	0.0691	115.470	2.721	60.206	22.173	606.700	2.166	0.000
28/10/2019	21:00:00	13.217	0.4923	1.4055	17.528	18.957	1.3331	0.0389	106.440	2.786	58.176	21.645	607.250	2.052	0.000
28/10/2019	22:00:00	10.953	0.5984	2.0199	24.388	26.422	1.5954	0.0155	94.164	2.632	55.253	21.468	607.650	2.161	0.000
28/10/2019	23:00:00	4.821	0.7066	6.3860	32.034	38.534	1.7535	0.0549	90.653	1.737	58.831	20.349	607.830	2.098	0.000

PROMEDIO 24 HORAS	16.629	0.73340	14.6176	18.217	32.827	1.65	0.0619
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	29/10/2019

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							
29/10/2019	00:00:00	2.313	0.7026	12.0030	33.881	45.886	1.7023	0.1025	120.040	1.231	67.417	19.647	607.880	2.065	0.000
29/10/2019	01:00:00	3.456	0.5780	7.7609	29.966	37.708	0.5490	0.1018	133.190	0.713	70.658	19.167	607.700	2.043	0.000
29/10/2019	02:00:00	2.462	0.6144	12.8870	28.640	41.527	0.0000	0.0614	252.750	0.645	76.880	17.730	607.730	2.060	0.000
29/10/2019	03:00:00	8.512	0.2873	0.6352	9.822	10.478	0.0000	0.0826	312.100	1.233	97.947	15.958	607.550	1.950	0.000
29/10/2019	04:00:00	10.882	0.2834	0.1773	6.089	6.267	0.0000	0.0426	318.840	1.099	100.000	15.518	607.620	2.048	0.000
29/10/2019	05:00:00	12.105	0.2541	0.2882	5.620	5.903	0.0000	0.0176	313.730	1.669	100.000	14.871	607.790	2.052	0.000
29/10/2019	06:00:00	15.156	0.2552	0.5314	4.404	4.933	0.0000	0.0118	304.280	1.463	100.000	14.763	608.020	2.021	0.000
29/10/2019	07:00:00	13.554	0.3316	0.6311	7.067	7.724	0.0000	0.0098	247.870	0.657	100.000	14.983	608.270	3.828	0.000
29/10/2019	08:00:00	11.577	0.4860	3.2042	11.851	15.026	0.0000	0.0137	307.040	0.915	100.000	15.391	608.540	109.180	0.000
29/10/2019	09:00:00	10.504	0.6277	7.5269	14.581	22.119	0.0000	0.0250	102.660	0.603	96.806	16.632	608.670	218.710	0.000
29/10/2019	10:00:00	14.458	0.6558	9.3032	14.485	23.781	0.0000	0.0602	176.990	0.698	82.013	18.453	608.710	486.450	0.000
29/10/2019	11:00:00	22.005	0.5626	6.1276	12.647	18.759	0.2327	0.0731	124.600	0.649	65.617	20.738	608.330	667.260	0.000
29/10/2019	12:00:00	30.339	0.4307	2.8974	8.406	11.335	0.1428	0.0713	174.180	0.763	52.060	23.143	607.790	766.560	0.000
29/10/2019	13:00:00	34.528	0.2741	0.9198	5.236	6.166	0.0000	0.0595	154.000	1.169	40.797	25.558	607.030	786.970	0.000
29/10/2019	14:00:00	42.726	0.3994	1.4532	10.260	11.709	0.0000	0.0466	101.020	1.991	37.614	26.498	606.270	738.620	0.000
29/10/2019	15:00:00	46.400	0.3920	1.5763	13.023	14.606	0.0035	0.0542	115.220	1.675	35.047	27.212	605.690	506.930	0.000
29/10/2019	16:00:00	41.956	0.2774	1.2910	9.380	10.633	0.8827	0.0590	165.490	0.931	34.509	27.597	605.450	407.320	0.000
29/10/2019	17:00:00	38.538	0.2613	0.8611	8.991	9.852	0.2497	0.0393	190.270	0.832	33.903	27.662	605.180	265.810	0.000
29/10/2019	18:00:00	27.689	0.3840	0.7481	11.416	12.120	0.0000	0.0265	103.150	1.852	46.685	25.555	605.330	25.582	0.000
29/10/2019	19:00:00	18.474	0.3894	0.8525	11.411	12.251	0.0000	0.0740	141.580	2.635	64.415	22.968	605.910	3.175	1.200
29/10/2019	20:00:00	13.208	0.5410	1.3355	19.843	21.138	0.0000	0.0524	106.220	2.663	74.240	21.449	606.450	2.111	0.200
29/10/2019	21:00:00	9.232	0.7973	8.0054	31.263	39.238	0.0000	0.0388	112.750	0.821	69.759	21.356	606.960	2.149	0.000
29/10/2019	22:00:00	5.507	0.6380	5.6049	31.131	36.644	0.0000	0.0521	91.134	1.319	69.633	21.562	607.350	2.088	0.000
29/10/2019	23:00:00	12.326	0.3435	0.9591	18.501	19.447	0.0000	0.0562	116.770	2.284	70.231	21.327	607.520	2.145	0.000

PROMEDIO 24 HORAS	18.663	0.44862	3.6492	14.913	18.552	0.16	0.0513
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	30/10/2019

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							
30/10/2019	00:00:00	4.523	0.5047	5.4058	35.935	41.324	0.0000	0.0349	128.740	0.789	72.741	20.429	607.680	2.082	0.000
30/10/2019	01:00:00	2.697	0.5107	4.5414	30.484	35.049	0.0000	0.0592	131.670	0.766	85.833	19.625	607.640	2.017	0.000
30/10/2019	02:00:00	16.427	0.2803	0.5646	6.922	7.462	0.0000	0.0531	233.200	2.310	63.551	20.206	607.640	2.035	0.000
30/10/2019	03:00:00	18.092	0.2671	0.2382	5.462	5.694	0.0000	0.0000	238.170	2.562	66.568	19.369	607.520	2.018	0.000
30/10/2019	04:00:00	17.759	0.2840	0.2935	6.027	6.321	0.0000	0.0241	258.610	1.613	69.642	18.630	607.420	2.076	0.000
30/10/2019	05:00:00	16.638	0.3089	0.2204	6.619	6.842	0.0000	0.0201	193.120	0.626	73.915	17.792	607.500	2.106	0.000
30/10/2019	06:00:00	10.464	0.3686	0.6650	13.179	13.827	0.0000	0.0269	309.170	1.228	81.407	17.136	607.820	1.999	0.000
30/10/2019	07:00:00	5.753	0.6327	11.5800	20.523	32.231	0.0000	0.0393	297.570	1.321	87.158	16.395	608.260	4.552	0.000
30/10/2019	08:00:00	2.713	1.4020	45.7600	21.792	67.440	0.3513	0.0410	313.100	0.955	91.928	16.276	608.650	112.380	0.000
30/10/2019	09:00:00	8.070	0.8919	16.0390	15.887	31.931	0.0000	0.0697	166.660	0.905	77.737	18.625	608.960	317.790	0.000
30/10/2019	10:00:00	10.270	1.1419	25.7850	27.414	53.147	0.0522	0.0746	127.980	1.150	66.262	20.617	609.020	507.110	0.000
30/10/2019	11:00:00	19.375	0.8676	13.7220	26.674	40.415	0.2440	0.0921	126.880	0.938	52.390	23.279	608.730	660.610	0.000
30/10/2019	12:00:00	22.766	0.3230	2.6840	6.073	8.702	0.0000	0.0695	232.080	2.213	43.470	24.925	608.120	768.150	0.000
30/10/2019	13:00:00	23.028	0.2840	1.5359	4.387	5.913	0.0000	0.0285	220.640	2.486	39.979	26.068	607.570	789.340	0.000
30/10/2019	14:00:00	26.921	0.3116	1.5397	5.867	7.391	0.0000	0.0284	174.160	1.921	39.970	26.716	606.940	617.100	0.000
30/10/2019	15:00:00	29.666	0.3405	1.2240	7.804	9.053	0.0000	0.0348	148.980	2.064	40.601	26.797	606.530	402.950	0.000
30/10/2019	16:00:00	24.866	0.3624	2.2799	9.007	11.285	0.0000	0.0385	155.170	3.359	41.007	26.433	606.370	416.000	0.000
30/10/2019	17:00:00	20.025	0.4202	3.1293	12.407	15.520	0.0000	0.0310	227.370	2.694	41.450	25.013	606.460	166.920	0.000
30/10/2019	18:00:00	19.824	0.4992	1.9097	13.657	15.559	0.0000	0.0414	72.599	1.655	46.956	24.604	606.760	35.128	0.400
30/10/2019	19:00:00	12.943	0.8475	4.0130	23.447	27.488	0.0000	0.0698	156.600	1.632	72.091	20.703	607.370	1.743	3.200
30/10/2019	20:00:00	6.046	1.1565	13.7810	32.117	45.646	0.0000	0.0603	152.580	1.546	72.151	21.068	607.860	1.872	0.000
30/10/2019	21:00:00	6.441	1.0530	7.8069	30.359	38.055	0.0000	0.0362	221.300	1.099	71.450	20.853	608.200	2.058	0.000
30/10/2019	22:00:00	13.630	0.6124	2.8527	14.967	17.814	0.0000	0.0362	66.598	1.871	71.340	19.939	608.890	2.128	0.000
30/10/2019	23:00:00	12.341	0.7579	0.7446	17.305	18.076	0.0000	0.0536	276.200	0.172	76.850	19.374	609.140	2.136	0.000

PROMEDIO 24 HORAS	14.637	0.60119	7.0131	16.430	23.424	0.03	0.0443
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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

REPORTE DE DATOS HORARIOS VALIDADOS

Estación:	BIBLIOTECA
Fecha:	31/10/2019

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

	CUMPLE CON LIMITES
	NO CUMPLE CON LIMITES

Fecha	Hora								DATOS METEOROLÓGICOS						
		O3	CO	NO	NO2	NOX	SO2	PM10	WD	WS	HR	TEMP	PBAR	RADSOL	Lluvia
31/10/2019	00:00:00	11.260	0.7118	0.8798	17.470	18.378	0.0000	0.0970	199.930	0.998	78.524	18.800	609.340	1.946	0.000
31/10/2019	01:00:00	14.379	0.4060	0.5651	12.760	13.328	0.0142	0.0320	144.710	1.673	77.092	18.105	609.510	2.105	0.000
31/10/2019	02:00:00	15.356	0.3430	0.3666	12.217	12.595	0.5270	0.0222	108.650	1.724	89.328	17.853	609.340	2.105	0.000
31/10/2019	03:00:00	15.267	0.2959	0.2708	9.541	9.838	0.2990	0.0292	52.494	1.764	94.211	17.285	609.480	2.143	0.000
31/10/2019	04:00:00	12.883	0.3229	0.2121	15.300	15.504	0.7236	0.0313	123.070	1.728	96.688	17.255	609.790	2.030	0.000
31/10/2019	05:00:00	14.625	0.3049	0.2480	11.319	11.567	0.5448	0.0313	83.888	1.948	94.929	17.592	610.080	2.092	0.000
31/10/2019	06:00:00	15.148	0.2891	0.2626	9.306	9.589	0.4203	0.0264	108.170	2.881	100.000	16.447	610.200	1.679	0.800
31/10/2019	07:00:00	7.376	0.4997	3.5303	23.808	27.359	0.2859	0.0164	140.270	1.811	100.000	16.500	610.220	2.475	0.400
31/10/2019	08:00:00	3.717	0.9791	22.7960	30.079	52.781	0.6294	0.0209	93.979	1.778	100.000	16.942	610.650	70.715	0.000
31/10/2019	09:00:00	5.301	1.0030	21.5170	26.363	47.894	0.6439	0.0246	58.477	1.405	99.181	17.992	611.210	125.320	0.000
31/10/2019	10:00:00	7.905	0.6838	10.5570	19.233	29.808	0.5038	0.0396	61.305	2.341	96.070	18.197	611.610	93.101	0.000
31/10/2019	11:00:00	9.715	0.4309	2.6106	6.452	9.055	0.5106	0.0219	75.387	2.972	100.000	16.525	611.850	81.718	0.100
31/10/2019	12:00:00	13.099	0.3968	2.8688	5.139	8.024	0.6531	0.0178	79.965	4.266	84.115	17.957	611.730	499.300	0.000
31/10/2019	13:00:00	14.856	0.3886	3.3964	5.627	9.029	0.2820	0.0000	93.130	4.808	74.889	17.758	611.330	556.760	0.000
31/10/2019	14:00:00	13.827	0.4024	4.0470	7.686	11.717	0.2447	0.0001	96.251	4.481	72.736	17.217	610.980	444.680	0.000
31/10/2019	15:00:00	15.004	0.3735	3.8073	6.715	10.524	0.3244	0.0207	91.669	4.833	72.476	16.229	610.960	384.820	0.000
31/10/2019	16:00:00	15.118	0.3849	3.8669	7.551	11.412	0.4418	0.0249	89.636	4.391	72.566	15.652	610.960	327.990	0.000
31/10/2019	17:00:00	15.915	0.3533	3.2990	6.875	10.159	0.8393	0.0289	76.784	4.455	76.330	14.083	611.030	215.930	0.000
31/10/2019	18:00:00	14.046	0.3970	2.1229	9.596	11.724	0.4168	0.0203	66.079	3.170	81.885	12.797	611.530	31.499	0.000
31/10/2019	19:00:00	13.651	0.4331	1.9359	11.858	13.778	0.1618	0.0289	71.286	3.356	87.134	11.418	612.110	2.405	0.000
31/10/2019	20:00:00	16.007	0.4325	1.4144	11.282	12.715	0.3198	0.0293	70.625	3.061	84.868	10.609	612.850	2.267	0.000
31/10/2019	21:00:00	17.828	0.3871	1.4155	8.201	9.626	0.1334	0.0265	65.063	2.804	82.729	10.117	613.480	2.187	0.000
31/10/2019	22:00:00	17.539	0.3751	1.0312	10.522	11.541	0.0543	0.0197	77.136	2.579	79.376	10.146	613.760	2.175	0.000
31/10/2019	23:00:00	17.167	0.3401	0.8924	11.334	12.203	0.1483	0.0250	110.310	2.881	75.725	9.907	613.750	2.079	0.000

PROMEDIO 24 HORAS	13.208	0.45561	3.9131	12.343	16.256	0.38	0.0265
LIMITE MÁXIMO PERMISIBLE	95	11	NAN	210	NAN	110	0.075

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