

Calibration Report

26-Mar-2020

<u>Site</u>	<u>Parameter</u>	<u>Sequence</u>	<u>Phase</u>	<u>Start Time</u>	<u>End Time</u>	<u>Value</u>	<u>Expected Value</u>	<u>Error</u>	<u>Drift Warning Limit</u>
BV	NO	NZERO	NZERO	26-Mar-2020 00:46:00	01:07:00	-0.19 *	0	-.19	
	NO2		NZERO	26-Mar-2020 00:46:00	01:07:00	-1.846 *	0	-1.85	
	NOX		NZERO	26-Mar-2020 00:46:00	01:07:00	-2 *	0	-2	
	O3		NZERO	26-Mar-2020 00:46:00	01:07:00	0	0	0.00	
CV	CO	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:02	-0.2 *	0	-.24	
	NO		ZERO	26-Mar-2020 00:46:00	01:07:02	0.12 *	0	.12	
	NO2		ZERO	26-Mar-2020 00:46:00	01:07:02	0.119 *	0	.12	
	NOX		ZERO	26-Mar-2020 00:46:00	01:07:02	0.21 *	0	.21	
	O3		ZERO	26-Mar-2020 00:46:00	01:07:02	0	0	0.00	
	SO2		ZERO	26-Mar-2020 00:46:00	01:07:02	0.608 *	0	.61	
ED	NO		ZERO	26-Mar-2020 00:46:00	01:07:00	0.6 *	0	.6	
	NO2		ZERO	26-Mar-2020 00:46:00	01:07:00	0.53 *	0	.53	
	NOX		ZERO	26-Mar-2020 00:46:00	01:07:00	0.69 *	0	.69	
	O3		ZERO	26-Mar-2020 00:46:00	01:07:00	0	0	0.00	
EN	NO		ZERO	26-Mar-2020 00:46:00	01:07:00	0.11 *	0	.11	
	NO2		ZERO	26-Mar-2020 00:46:00	01:07:00	-0.002 *	0	0.00	
	NOX		ZERO	26-Mar-2020 00:46:00	01:07:00	-0.04 *	0	-.04	
	O3		ZERO	26-Mar-2020 00:46:00	01:07:00	0 *	0	0.00	
ES		O3ZERO	O3ZERO	26-Mar-2020 00:46:00	01:07:00	1 *	0	1.02	
H3	NO	ZERO	ZERO	26-Mar-2020 00:46:00	01:06:59	0.51 *	0	.51	
	NO2		ZERO	26-Mar-2020 00:46:00	01:06:59	-0.054 *	0	-.05	
	NOX		ZERO	26-Mar-2020 00:46:00	01:06:59	0.15 *	0	.15	
	O3		ZERO	26-Mar-2020 00:46:00	01:06:59	0	0	0.00	
HC	NO	NSPAN	NSPAN	26-Mar-2020 04:00:00	04:21:00	438.37 *	442	-3.63	.1
		O3ZERO	O3ZERO	26-Mar-2020 00:46:00	01:07:00	-0.15 *	0	-.15	
	NO2		O3ZERO	26-Mar-2020 00:46:00	01:07:00	-0.061 *	0	-.06	
	NOX	NSPAN	NSPAN	26-Mar-2020 04:00:00	04:21:00	440.76 *	444	-3.24	.1
		O3ZERO	O3ZERO	26-Mar-2020 00:46:00	01:07:00	-0.26 *	0	-.26	
	O3		O3ZERO	26-Mar-2020 00:46:00	01:07:00	0	0	0.00	
HV	CO	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	-0.1 *	0	-.18	
	NO		ZERO	26-Mar-2020 00:46:00	01:07:00	0.85 *	0	.85	

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	NO2		ZERO	26-Mar-2020 00:46:00	01:07:00	-0.369 *	0	-.37	
HV	NOX	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	-0.05 *	0	-.05	
	O3		ZERO	26-Mar-2020 00:46:00	01:07:00	0.001	0	0.00	
HW	CO		ZERO	26-Mar-2020 00:46:00	01:06:00	0	0	0.00	
	DIFF	NOYZERO	NOYZERO	26-Mar-2020 02:00:00	02:32:00	0	0	-.03	3
	NO	ZERO	ZERO	26-Mar-2020 00:46:00	01:06:00	0.4 *	0	.4	
	NO2		ZERO	26-Mar-2020 00:46:00	01:06:00	-0.178 *	0	-.18	
	NO2-UP		ZERO	26-Mar-2020 00:46:00	01:06:00	0.177	0	.18	3
	NO-UP		ZERO	26-Mar-2020 00:46:00	01:06:00	0.347	0	.35	3
	NOX		ZERO	26-Mar-2020 00:46:00	01:06:00	0.06 *	0	.06	
	NOX-UP		ZERO	26-Mar-2020 00:46:00	01:06:00	0.523	0	.52	3
	NOY	NOYZERO	NOYZERO	26-Mar-2020 02:00:00	02:32:00	0.1	0	.12	3
		YNOSPAN	YNOYSPAN	26-Mar-2020 04:00:00	04:35:00	171.8 *	179	-7.25	
	O3	ZERO	ZERO	26-Mar-2020 00:46:00	01:06:00	0	0	0.00	
	SO2TRACE		ZERO	26-Mar-2020 00:46:00	01:06:00	0.595	0	.6	3
	YNO	NOYZERO	NOYZERO	26-Mar-2020 02:00:00	02:32:00	0.2	0	.15	3
		YNOSPAN	YNOYSPAN	26-Mar-2020 04:00:00	04:35:00	172.4 *	182	-9.64	
LN	CO	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	0 *	0	.03	
	NO		ZERO	26-Mar-2020 00:46:00	01:07:00	0.41 *	0	.41	
	NO2		ZERO	26-Mar-2020 00:46:00	01:07:00	0.27 *	0	.27	
	NOX		ZERO	26-Mar-2020 00:46:00	01:07:00	0.42 *	0	.42	
	O3		ZERO	26-Mar-2020 00:46:00	01:07:00	0 *	0	0.00	
NR	CO		ZERO	26-Mar-2020 00:46:00	01:07:00	-0.2 *	0	-.25	
	NO		ZERO	26-Mar-2020 00:46:00	01:07:00	0.39 *	0	.39	
	NO2		ZERO	26-Mar-2020 00:46:00	01:07:00	0.313 *	0	.31	
	NOX		ZERO	26-Mar-2020 00:46:00	01:07:00	0.32 *	0	.32	
	O3		ZERO	26-Mar-2020 00:46:00	01:07:00	0	0	0.00	
P2	NO	NOXZERO	NOXZERO	26-Mar-2020 00:46:00	01:07:00	0.11 *	0	.11	
	NO2		NOXZERO	26-Mar-2020 00:46:00	01:07:00	0.001	0	0.00	
	NOX		NOXZERO	26-Mar-2020 00:46:00	01:07:00	-0.06 *	0	-.06	
	O3		NOXZERO	26-Mar-2020 00:46:00	01:07:00	0	0	0.00	

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		O3PRES	O3PRES	26-Mar-2020 04:30:00	04:51:00	0.069	0.067	0.00	
P2	O3	O3SPAN	O3SPAN	26-Mar-2020 04:00:00	04:21:00	0.41	0.407	0.00	
RP	CO	ZERO	ZERO	26-Mar-2020 00:46:00	01:09:00	0 *	0	.04	
	NO		ZERO	26-Mar-2020 00:46:00	01:09:00	0.2 *	0	.2	
	NO2		ZERO	26-Mar-2020 00:46:00	01:09:00	0.529 *	0	.53	
	NOX		ZERO	26-Mar-2020 00:46:00	01:09:00	0.12 *	0	.12	
	O3		ZERO	26-Mar-2020 00:46:00	01:09:00	0 *	0	0.00	
	SO2		ZERO	26-Mar-2020 00:46:00	01:09:00	-0.038 *	0	-.04	
RS	NO2TRACE		ZERO	26-Mar-2020 00:46:00	01:06:59	0.203 *	0	.2	
	NOTRACE		ZERO	26-Mar-2020 00:46:00	01:06:59	0.3 *	0	.27	
	NOXTRACE		ZERO	26-Mar-2020 00:46:00	01:06:59	0.3 *	0	.31	
	O3_API		ZERO	26-Mar-2020 00:46:00	01:06:59	0.001 *	0	0.00	
SF	NO	O3ZERO	O3ZERO	26-Mar-2020 00:46:00	01:07:00	0.15 *	0	.15	
	NO2		O3ZERO	26-Mar-2020 00:46:00	01:07:00	0.146 *	0	.15	
	NOX		O3ZERO	26-Mar-2020 00:46:00	01:07:00	0.1 *	0	.1	
	O3		O3ZERO	26-Mar-2020 00:46:00	01:07:00	0	0	0.00	
SM	NO	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:11	0.05 *	0	.05	
	NO2		ZERO	26-Mar-2020 00:46:00	01:07:11	-0.045 *	0	-.05	
	NOX		ZERO	26-Mar-2020 00:46:00	01:07:11	-0.24 *	0	-.24	
	O3		ZERO	26-Mar-2020 00:46:00	01:07:11	0	0	0.00	
UT	CO		ZERO	26-Mar-2020 00:46:00	01:07:00	0.2 *	0	.3	
	CO-CO	SPAN-CO	COSPNCO	26-Mar-2020 02:33:00	03:18:00	42.5 *	40	2.54	
		ZERO-CO	COZERCO	26-Mar-2020 00:03:00	01:06:00	1.5 *	0	1.57	
	NO	NO_SPAN	NO_SPAN	26-Mar-2020 04:00:00	04:21:00	380.54 *	352	28.54	
						3			
		ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	0.236 *	0	.24	
	NO2		ZERO	26-Mar-2020 00:46:00	01:07:00	0.195 *	0	.19	
	NO2-CO	SPAN-CO	NO2SPNCO	26-Mar-2020 02:33:00	03:48:00	235.09 *	220	15.1	
						6			
		ZERO-CO	NOXZERCO	26-Mar-2020 00:03:00	01:27:00	1.59 *	0	1.59	
	NO-CO	SPAN-CO	NOSPNCO	26-Mar-2020 02:33:00	03:33:00	350.52 *	356	-5.48	
						4			

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UT	NO-CO	ZERO-CO	NOXZERCO	26-Mar-2020 00:03:00	01:27:00	-0.415 *	0	-.42		
		NOX	NO_SPAN	26-Mar-2020 04:00:00	04:21:00	390.58 *	354	36.58		
	NOX-CO	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	0.032 *	0	.03		
		SPAN-CO	NOSPNCO	26-Mar-2020 02:33:00	03:33:00	349.40 *	354	-4.6		
	O3	ZERO-CO	NOXZERCO	26-Mar-2020 00:03:00	01:27:00	1.17 *	0	1.17		
		ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	2.2 *	0	2.24		
		SPAN-CO	O3SPNCO	26-Mar-2020 02:33:00	02:48:00	414.9 *	427	-12.04		
	SO2	ZERO-CO	O3ZERCO	26-Mar-2020 00:03:00	00:24:00	-2.8 *	0	-2.81		
		ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	-0.235 *	0	-.24		
	SO2-CO	SPAN-CO	SO2SPNCO	26-Mar-2020 02:33:00	03:03:00	388.31 *	394	-5.69		
		ZERO-CO	SO2ZERCO	26-Mar-2020 00:03:00	00:45:00	-0.1 *	0	-.1		
	V4	NO	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	0.2 *	0	.2	
		NO2	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	-0.11 *	0	-.11	
		NOX	ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	0.01 *	0	.01	
O3		ZERO	ZERO	26-Mar-2020 00:46:00	01:07:00	0 *	0	0.00		

* - Drift limit exceeded

** - Out of control limit exceeded