Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: The following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

### TEST GROUP INFORMATION

<table>
<thead>
<tr>
<th>MODEL YEAR</th>
<th>TEST GROUP</th>
<th>VEHICLE CLASS(ES)</th>
<th>FUEL CATEGORY</th>
<th>FUEL TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td>HMBXV000.9U2A</td>
<td>PC</td>
<td>DEDICATED SINGLE FUEL VEHICLE</td>
<td>GASOLINE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USEFUL LIFE (miles)</th>
<th>VEHICLE EMISSION CATEGORY</th>
<th>INTERIM / INTERMEDIATE IN-USE STD</th>
</tr>
</thead>
<tbody>
<tr>
<td>150000</td>
<td>FTP</td>
<td>FTP</td>
</tr>
<tr>
<td>150000</td>
<td>LEV3 ULEV70</td>
<td>LEV 3 COMPOSITE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NMOG+NOx</td>
</tr>
</tbody>
</table>

### SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS

<table>
<thead>
<tr>
<th>SPECIAL FEATURES</th>
<th>EXHAUST EMISSION CONTROL SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFI, TC, CAC, AIR, WR-HO2S, HO2S, TWC</td>
<td>ALL MODELS</td>
</tr>
</tbody>
</table>

### EVAPORATIVE & REFUELING (EVAP/ORVR) FAMILY INFORMATION

<table>
<thead>
<tr>
<th>EVAP / ORVR FAMILY</th>
<th>EVAPORATIVE STD CATEGORY</th>
<th>EVAP EMISSION STD VEHICLE CLASS</th>
<th>SPECIAL FEATURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMBXR0090LNA</td>
<td>LEV 3 OPTION2 WITH PEL</td>
<td>PC</td>
<td>*</td>
</tr>
<tr>
<td>HMBXR0090LNC</td>
<td>LEV 2</td>
<td>PC</td>
<td>*</td>
</tr>
</tbody>
</table>

### EMISSION CREDIT INFORMATION

#### ALLOWANCE FOR TEST GROUP

<table>
<thead>
<tr>
<th>BASELINE PZEV</th>
<th>AT PZEV</th>
<th>TZEV</th>
<th>NMOG CREDIT FOR NON-PZEV ZERO-EVAP</th>
<th>NMOG CREDIT FOR PZEV</th>
<th>OPTIONAL EXH. STD FOR WORK TRUCKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
<td>*</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

### NMOG AND FLEET AVERAGE INFORMATION

<table>
<thead>
<tr>
<th>NMOG RAF</th>
<th>CH4 RAF</th>
<th>FTP</th>
<th>NMOG/NMHC RATIO</th>
<th>HCHO/NMHC RATIO</th>
<th>NMOG+NOX FLEET STD PC+LDT (0-3750 LVW) (g/mi)</th>
<th>NMOG+NOX FLEET STD LDT (3751 LVW-8500 GVWR) + MDPV (g/mi)</th>
<th>NMOG+NOX FLEET STD MDV (10001-14000 GVWR) (g/mi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
<td>1.10</td>
<td>0.018</td>
<td>0.086</td>
<td>0.101</td>
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<td></td>
</tr>
</tbody>
</table>

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

BE IT FURTHER RESOLVED:

The exhaust and evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50°F Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's NMOG+Nox and greenhouse gas Fleet Average (PC or LDT or MDPV) or “Vehicle Equivalent Credit” (MDV) compliance plan shall be equalized as required.
BE IT FURTHER RESOLVED:
For the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California 2015 and Subsequent Model Criteria Pollutant Exhaust Emission Standards and Test Procedures). This Executive Order hereby supersedes Executive Order A-003-0571-1 dated July 26, 2016.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 11th day of October 2016.

Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division
## ATTACHMENT

### EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

#### EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS (FTP, HWFET, 50°F, 20°F)

<table>
<thead>
<tr>
<th>FUEL TYPE</th>
<th>NMOG+NOx (g/mi)</th>
<th>CO (g/mi)</th>
<th>NOx (g/mi)</th>
<th>HCHO (mg/mi)</th>
<th>PM (g/mi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTP@50K</td>
<td>CERT</td>
<td>STD</td>
<td>CERT</td>
<td>STD</td>
<td>CERT</td>
</tr>
<tr>
<td>FTP@UL</td>
<td>GASOLINE-LEV3 E10 PREM 0.014 0.070 1.2 1.7</td>
<td>*</td>
<td>*</td>
<td>0.1</td>
<td>4</td>
</tr>
<tr>
<td>50°F @4K</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

#### SFTP EXHAUST EMISSION STANDARDS AND CERTIFICATION LEVELS

<table>
<thead>
<tr>
<th>FUEL TYPE</th>
<th>NMOG+NOx (g/mi)</th>
<th>CO (g/mi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTP@UL</td>
<td>CERT</td>
<td>STD</td>
</tr>
<tr>
<td>FTP@UL</td>
<td>GASOLINE-LEV3 E10 PREM 0.018 0.070</td>
<td>*</td>
</tr>
<tr>
<td>20°F @50K</td>
<td>GASOLINE-COLD CO HIGH OCTANE</td>
<td>1.5 10.0</td>
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</table>

### WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

#### WHOLE VEHICLE EVAPORATIVE TESTING

<table>
<thead>
<tr>
<th>FUEL TYPE</th>
<th>3DHS (g/test) @ UL</th>
<th>2DHS (g/test) @ UL</th>
<th>RL (g/ml) @ UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERT</td>
<td>STD</td>
<td>FEL</td>
<td>CERT</td>
</tr>
<tr>
<td>GASOLINE-LEV3 E10 PREM</td>
<td>0.242 0.300 0.250</td>
<td>0.173 0.300 0.250</td>
<td>0.001 0.05</td>
</tr>
<tr>
<td>E10-EPA</td>
<td>0.098 0.50 0.116 0.65</td>
<td>* 0.001 0.05</td>
<td></td>
</tr>
</tbody>
</table>
### EVAPORATIVE FAMILY

<table>
<thead>
<tr>
<th>ORVR (g/gallon) @ UL</th>
<th>FUEL TYPE</th>
<th>CERT</th>
<th>STD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HMBXR0090LNC</td>
<td>E10-EPA</td>
<td>0.18</td>
</tr>
<tr>
<td></td>
<td>HMBXR0090LNA</td>
<td>GASOLINE- PREM</td>
<td>0.04</td>
</tr>
</tbody>
</table>

### FUEL TYPE

<table>
<thead>
<tr>
<th>3DHS RIG TEST (g/test) @ UL</th>
<th>2DHS RIG TEST (g/test) @ UL</th>
<th>BLEED CANISTER TEST (g/test) @ 4K</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERT</td>
<td>STD</td>
<td>CERT</td>
</tr>
<tr>
<td>0.015</td>
<td>0.020</td>
<td>0.015</td>
</tr>
</tbody>
</table>

*: not applicable; #: pounds; UL: useful life; PC: passenger car; LDT: light-duty truck; LDT1: LDT<6000#GVWR,0-3750#LVW; LDT2: LDT<6000#GVWR,3751-5750#LVW; LDT3: LDT 6001-8500#GVWR,3751-5750#ALVW; LDT4: LDT 6001-8500#GVWR,5751-8500#ALVW; MDV: medium-duty vehicle; MDV4: MDV 8501-10000#GVWR; MDV5: MDV 10001-14000#GVWR; MDPV: medium-duty passenger vehicle; HDV: heavy-duty vehicle; ECS: emission control system; CERT: certification; STD: standard; FEL: family emission limit; GVWR: gross vehicle weight rating; LVW: loaded vehicle weight; ALVW: adjusted LVW; LEV: low emission vehicle; ULEV: ultra LEV; SULEV: super ULEV; ZEV: zero-emission vehicle; AT PZEV: advanced technology PZEV; TZEV: transitional ZEV; TVC/OC: 3-way/oxidizing catalyst; ADSTWC: adsorbing TWC; HAC: HC adsorbing catalyst; WU: warm-up catalyst; NAC: NOx adsorption catalyst; SCR-U or SCRC/SCR-N or SCRC-NH3: selective catalytic reduction-urea/ammonia; NH3OC: ammonia oxidation catalyst; CTOX/PTOX: continuous/periodic trap oxidizer; DPF: diesel particulate filter (active); GF: PM filter for spark-ignited engine; HO2S/O2S: heated/oxygen sensor; WR-HO2S: wide range/linear/ heated air-fuel ratio sensor; NOXs: NOx sensor; PMS: PM sensor; RDQS: redundant quality sensor; NH3S: ammonia sensor; EGR: exhaust gas recirculation; EGRC: EGR cooler; AIR/AIRE: secondary air injection (belt driven)/(electric driven); PAIR: pulsed AIR; SFI/MFI: sequential/multipart fuel injection; DF/I/IFI: direct/indirect fuel injection; TC/SC: turbo/super charger; CAC: charge air cooler; F/P/$: full/partial/partial with fines on-board diagnostic; DOR: direct ozone reducing; HCT: hydrocarbon trap; BCAN: bleed carbon canister; prefix 2: parallel; (2): suffix; series; CNG/LNG: compressed liquefied natural gas; LPG: liquefied petroleum gas; E85: 85% ethanol (15% gasoline) fuel; E10: 10% ethanol (90% gasoline) fuel; A: automatic (with lockup); M: manual transmission; SA: semi-automatic transmission; CV: continuously variable transmission; SCV: selectable continuously variable transmission; AM: automated manual transmission; AMS: automated manual-selectable transmission; OT: other transmission.

### 2017 MODEL YEAR: VEHICLE MODELS INFORMATION

<table>
<thead>
<tr>
<th>MAKE</th>
<th>MODEL</th>
<th>VEH CLASS</th>
<th>ENGINE (L)</th>
<th>TRANS TYPE</th>
<th>EVAPORATIVE FAMILY</th>
<th>EXH ECS</th>
<th>OBD</th>
<th>PZEV TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMART</td>
<td>FORTWO (CONVERTIBLE)</td>
<td>PC</td>
<td>0.9</td>
<td>AM6,M5</td>
<td>HMBXR0090LNA</td>
<td>1</td>
<td>F</td>
<td>*</td>
</tr>
<tr>
<td>SMART</td>
<td>FORTWO (CONVERTIBLE)</td>
<td>PC</td>
<td>0.9</td>
<td>AM6,M5</td>
<td>HMBXR0090LNA</td>
<td>1</td>
<td>F</td>
<td>*</td>
</tr>
<tr>
<td>SMART</td>
<td>FORTWO (COUPE)</td>
<td>PC</td>
<td>0.9</td>
<td>AM6,M5</td>
<td>HMBXR0090LNA</td>
<td>1</td>
<td>F</td>
<td>*</td>
</tr>
</tbody>
</table>