Pursuant to the authority vested in California 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: That 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>2019</td>
<td>KPRXV04.0FV8</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>SFTP</td>
</tr>
<tr>
<td></td>
<td>LEV 3</td>
<td>LEV 3 COMPOSITE</td>
</tr>
</tbody>
</table>

#### SPECIAL FEATURES & EXHAUST EMISSION CONTROL SYSTEMS

<table>
<thead>
<tr>
<th></th>
<th>USEFUL LIFE</th>
<th>VEHICLE EMISSION CATEGORY</th>
<th>INTERIM / INTERMEDIATE IN-USE STD</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>150000</td>
<td>FTP</td>
<td>SFTP</td>
</tr>
<tr>
<td>2TWC(2), 2HO2S(2), DFI, 2TC, 2CAC</td>
<td>LEV 3</td>
<td>LEV 3 COMPOSITE</td>
<td></td>
</tr>
</tbody>
</table>

#### OBD STATUS

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FULL</td>
</tr>
</tbody>
</table>

#### ENGINE DISPLACEMENT (L)

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0</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>KPRXRO160RP7</td>
<td>LEV 3 OPTION 2 WITH FEL</td>
<td>PC</td>
<td>*</td>
</tr>
</tbody>
</table>

#### EMISSION CREDIT INFORMATION

<table>
<thead>
<tr>
<th>NMOG+NOX FLEET AVE. CREDIT FOR EXTENDED WARRANTY</th>
<th>NMOG CREDIT FOR NON-PZEV ZERO-EVAP</th>
<th>NMOG CREDIT FOR DOR</th>
<th>OPTIONAL EXH. STD FOR WORK TRUCKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</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 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 (10,001-14,000 GVWR) (g/mi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>*</td>
<td>1.10</td>
<td>0.01</td>
<td>0.072</td>
<td>0.083</td>
<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. (As applicable, heavy-duty vehicles (HDV) over 14,000 pounds in GVWR listed in this Executive Order are certified to the requirements in 13 CCR Section 1961.2 applicable to MDV pursuant to 13 CCR Section 1956.8(c)(3) or 13 CCR Section 1956.8(h)(5), as applicable.)
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° 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 fleet average compliance requirement for NMOG+NOx or Vehicle Equivalent Credit (13 CCR Sections 1961.2(b)(1), 1961.2(b)(3), or 1961.2(c)(3), and the incorporated test procedures, as applicable), or Greenhouse Gas Emissions (13 CCR Section 1961.3, or 17 CCR Section 95663, and the incorporated test procedures, as applicable), for PC, LDT, MDPV or MDV 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 and 2017 and Subsequent Model Greenhouse Gas Exhaust Emission Standards and Test Procedures for PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

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

Executed at El Monte, California on this 16  day of January 2019.

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></td>
<td>CERT</td>
<td>STD</td>
<td>CERT</td>
<td>STD</td>
<td>CERT</td>
</tr>
<tr>
<td>FTP@50K</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>FTP@UL</td>
<td>GASOLINE-TIER3 E10 PREM</td>
<td>0.077</td>
<td>0.125</td>
<td>0.2</td>
<td>2.1</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></td>
<td>CERT</td>
<td>STD</td>
</tr>
<tr>
<td>HWFET @ 50K</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>HWFET @ UL</td>
<td>GASOLINE-TIER3 E10 PREM</td>
<td>0.013</td>
</tr>
<tr>
<td>20°F @ 50K</td>
<td>COLD CO E10 PREMIUM GASOLINE (TIER3)</td>
<td>0.3</td>
</tr>
</tbody>
</table>

### WHOLE VEHICLE EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

#### WHOLE VEHICLE EVAPORATIVE TESTING

<table>
<thead>
<tr>
<th>EVAPORATIVE FAMILY</th>
<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></td>
<td>CERT</td>
<td>STD</td>
<td>FEL</td>
<td>CERT</td>
</tr>
<tr>
<td>KPRXR0160RP7</td>
<td>GASOLINE-TIER3 E10 PREM</td>
<td>0.195</td>
<td>0.300</td>
<td>0.300</td>
</tr>
</tbody>
</table>
## EFFECTIVE LEAK DIAMETER STANDARD AND CERTIFICATION LEVEL (INCHES)

<table>
<thead>
<tr>
<th>EVAPORATIVE FAMILY</th>
<th>LEAK FAMILY</th>
<th>CERT</th>
<th>STD</th>
</tr>
</thead>
<tbody>
<tr>
<td>KPRXR000160RP7</td>
<td>KPRXR000160RP7-001</td>
<td>*</td>
<td>0.02</td>
</tr>
</tbody>
</table>

*: not applicable; #: pounds; UL: useful life; PC: passenger car; LDT: light-duty truck; LDT1: LDT<6000#GVR; LDT2: LDT<8000#GVR; LDT3: LDT 6001-8000#GVR; LDT4: LDT 8001-10000#GVR; HDV: heavy-duty vehicle; ECS: emission control system; CERT: certification; STD: standard; FEL: family emission limit; ALV: advanced technology vehicle; LEV: light-duty vehicle; HEV: hybrid electric vehicle; ZEV: zero-emission vehicle; TVC/OC: 3-way/oxidizing catalytic converter; ADSTWC: adsorbing TWC; HAC: HC adsorbing catalyst; WUCL: warm-up control; NAC: NOx adsorption catalyst; SCR-U or SCR-R: selective catalytic reduction-urea/ammonia; NH3OC: ammonia oxidation catalyst; PTSDP: pressure sensitive technician pass detector; CO2S: CO2 sensor; DPF: diesel particulate filter (active); PM: PM filter for spark-ignited engines; OAS: OAS sensor; HO2S: HO2 sensor; ARCO: aftertreatment control system; MFI: multiport fuel injection; DEF: direct/indirect fuel injection; TC: turbocharger; SC: supercharger; ACC: active air control; FHH: fuel heated heater; F/F: full/full (parallel); (1) suffix: series; CNG/LNG: compressed natural gas; LPG: liquefied petroleum gas; E85: 85% ethanol (15% gasoline); E10: 10% ethanol (90% gasoline); A: automatic (lockup); M: manual transmission; SA: semi-automatic transmission; CV: continuously variable transmission; SCV: selectable continuously variable transmission; AS: automated manual transmission; AT: automatic transmission; other aerodynamic aid; EANGER: electric all-electric range; EAER: equivalent aerodynamic aid; PHEV: plug-in hybrid electric vehicle; NMOG + NOx: Fleeve. Credit for Extended Warranty: N = no credits, Y = credits, S = credits for some/select models.

## 2019 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>
</tr>
</thead>
<tbody>
<tr>
<td>PORSCHE</td>
<td>PANAMERA GTS</td>
<td>PC</td>
<td>4.0</td>
<td>AM8</td>
<td>KPRXR000160RP7</td>
<td>1</td>
<td>P</td>
</tr>
<tr>
<td>PORSCHE</td>
<td>PANAMERA GTS ST</td>
<td>PC</td>
<td>4.0</td>
<td>AM8</td>
<td>KPRXR000160RP7</td>
<td>1</td>
<td>P</td>
</tr>
<tr>
<td>PORSCHE</td>
<td>PANAMERA TURBO</td>
<td>PC</td>
<td>4.0</td>
<td>AM8</td>
<td>KPRXR000160RP7</td>
<td>1</td>
<td>P</td>
</tr>
<tr>
<td>PORSCHE</td>
<td>PANAMERA TURBO EXECUTIVE</td>
<td>PC</td>
<td>4.0</td>
<td>AM8</td>
<td>KPRXR000160RP7</td>
<td>1</td>
<td>P</td>
</tr>
<tr>
<td>PORSCHE</td>
<td>PANAMERA TURBO SPORT TURISMO</td>
<td>PC</td>
<td>4.0</td>
<td>AM8</td>
<td>KPRXR000160RP7</td>
<td>1</td>
<td>P</td>
</tr>
</tbody>
</table>