

**ALTERNATIVE FUEL RETROFIT SYSTEMS CERTIFIED BY  
THE AIR RESOURCES BOARD  
(Last Updated: April 23rd, 2024)**

| MY   | Manufacturer                   | EO                      | Fuel         | System    | Base Make                             | Test Group/<br>Engine Family  | Class | Certification<br>Procedure |
|------|--------------------------------|-------------------------|--------------|-----------|---------------------------------------|-------------------------------|-------|----------------------------|
| 2024 | Roush Industries               | <a href="#">B-58-38</a> | LPG          | Dedicated | Ford                                  | RFMXE07.3BW7                  | MDV   | 2004                       |
| 2023 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2023 | Roush Industries               | <a href="#">B-58-37</a> | LPG          | Dedicated | Ford                                  | PFMXE07.3BW7                  | MDV   | 2004                       |
| 2022 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2022 | Lightning eMotor, Inc          | <a href="#">B-83-2</a>  | EV           | Dedicated | FORD                                  | NFMXD03.57BG                  | MDV   | 2004                       |
| 2022 | Karma Automotive LLC           | <a href="#">B-86-2</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2022 | Roush Industries               | <a href="#">B-58-36</a> | LPG          | Dedicated | Ford                                  | NFMXE07.3BW7/<br>NFMXE07.3BX4 | MDV   | 2004                       |
| 2022 | Evolectric Inc.                | <a href="#">B-89</a>    | EV           | Dedicated | GM and<br>Isuzu                       |                               | HDV   | 2004                       |
| 2021 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2021 | Maxwell Vehicles LLC           | <a href="#">B-80-2</a>  | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2021 | Lightning eMotor, Inc          | <a href="#">B-83-2</a>  | EV           | Dedicated | FORD                                  | NFMXD03.57BG                  | MDV   | 2004                       |
| 2021 | Karma Automotive LLC           | <a href="#">B-86-2</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2021 | Maxwell Vehicles LLC           | <a href="#">B-80-3</a>  | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2021 | Hyzon Motors                   | <a href="#">B-84</a>    | EV-Fuel Cell | Dedicated | Daimler<br>Trucks<br>North<br>America | MDTN2TRAC29C                  | HDV   | 2004                       |
| 2021 | Evolectric Inc.                | <a href="#">B-89</a>    | EV           | Dedicated | GM and<br>Isuzu                       |                               | HDV   | 2004                       |
| 2020 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2020 | Roush Industries               | <a href="#">B-58-31</a> | LPG          | Dedicated | Ford                                  | LFMXE07.3BW7/<br>LRIIE07.3BL1 | MDV   | 2004                       |
| 2020 | Roush Industries               | <a href="#">B-58-30</a> | LPG          | Dedicated | Ford                                  | LFMXE07.3BWU/<br>LRIIE07.3BWU | MDV   | 2004                       |
| 2020 | Karma Automotive LLC           | <a href="#">B-86-2</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2020 | Lightning eMotor, Inc          | <a href="#">B-83-2</a>  | EV           | Dedicated | FORD                                  | NFMXD03.57BG                  | MDV   | 2004                       |
| 2020 | Roush Industries               | <a href="#">B-58-27</a> | LPG          | Dedicated | Ford                                  | LFMXE07.3BW7/<br>LRIIE07.3BL1 | MDV   | 2004                       |
| 2020 | Roush Industries               | <a href="#">B-58-26</a> | LPG          | Dedicated | Ford                                  | LFMXE07.3BWU/<br>LRIIE07.3BWU | MDV   | 2004                       |
| 2020 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV           | Dedicated | Cummins                               | LCEXH0721XAG                  | HHDD  | 2004                       |
| 2020 | Maxwell Vehicles LLC           | <a href="#">B-80-2</a>  | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2020 | Maxwell Vehicles LLC           | <a href="#">B-80-3</a>  | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2020 | Lightning Systems Inc.         | <a href="#">B-81-1</a>  | EV           | Dedicated | FORD                                  | FFMXD03.56BT                  | MDV   | 2004                       |
| 2020 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV           | Dedicated | Multiple                              | Multiple                      | MDV   | 2004                       |

| MY   | Manufacturer                      | EO                      | Fuel         | System    | Base Make                             | Test Group/<br>Engine Family  | Class | Certification<br>Procedure |
|------|-----------------------------------|-------------------------|--------------|-----------|---------------------------------------|-------------------------------|-------|----------------------------|
| 2020 | Hyzon Motors                      | <a href="#">B-84</a>    | EV-Fuel Cell | Dedicated | Daimler<br>Trucks<br>North<br>America | MDTN2TRAC29C                  | HDV   | 2004                       |
| 2020 | Evolectric Inc.                   | <a href="#">B-89</a>    | EV           | Dedicated | GM and<br>Isuzu                       |                               | HDV   | 2004                       |
|      |                                   |                         |              |           |                                       |                               |       |                            |
| 2019 | ZEVx, Inc.                        | <a href="#">B-87-1</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2019 | Karma Automotive<br>LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2019 | Agility Powertrain<br>Systems LLC | <a href="#">B-79</a>    | CNG          | Dedicated | Ford                                  | KFMXE06.8BW6/<br>KAGIE06.8BW6 | HDE   | 2004                       |
| 2019 | Agility Powertrain<br>Systems LLC | <a href="#">B-79-1</a>  | CNG          | Dedicated | Ford                                  | KFMXE06.8BWZ/<br>KAGIE06.8BWZ | HDE   | 2004                       |
| 2019 | Landi Renzo USA                   | <a href="#">B-60-25</a> | CNG          | Dedicated | Ford                                  | KFMXD06.26BC/<br>KFMXD06.26CH | MDV   | 2004                       |
| 2019 | Lightning eMotor, Inc             | <a href="#">B-83-2</a>  | EV           | Dedicated | FORD                                  | NFMXD03.57BG                  | MDV   | 2004                       |
| 2019 | Landi Renzo USA                   | <a href="#">B-60-26</a> | CNG          | Dedicated | Ford                                  | KFMXD06.27BC/<br>KFMXD06.27CH | MDV   | 2004                       |
| 2019 | Roush Industries                  | <a href="#">B-58-22</a> | LPG          | Dedicated | Ford                                  | KFMXE06.8BWZ                  | HDE   | 2004                       |
| 2019 | Roush Industries                  | <a href="#">B-58-23</a> | LPG          | Dedicated | Ford                                  | KFMXE06.8BW6                  | HDE   | 2004                       |
| 2019 | Roush Industries                  | <a href="#">B-58-24</a> | LPG          | Dedicated | Ford                                  | KFMXE06.8BW6                  | HDE   | 2004                       |
| 2019 | Roush Industries                  | <a href="#">B-58-33</a> | LPG          | Dedicated | Ford                                  | KFMXE06.8BWZ                  | HDV   | 2004                       |
| 2019 | Westport Dallas, Inc.             | <a href="#">B-72-6</a>  | CNG          | Dedicated | Ford                                  | KFMXD06.26BC/<br>KFMXD06.26CH | MDV   | 2004                       |
| 2019 | Lightning eMotors,<br>Inc.        | <a href="#">B-83</a>    | EV           | Dedicated | Cummins                               | KCEXH0721XAG                  | HHDD  | 2004                       |
| 2019 | Maxwell Vehicles<br>LLC           | <a href="#">B-80</a>    | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2019 | Karma Automotive<br>LLC           | <a href="#">B-86-1</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2019 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-1</a>  | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2019 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-2</a>  | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2019 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-3</a>  | EV           | Dedicated | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2019 | Lightning Systems<br>Inc.         | <a href="#">B-81-1</a>  | EV           | Dedicated | FORD                                  | FFMXD03.56BT                  | MDV   | 2004                       |
| 2019 | Unique Electric<br>Solutions Inc. | <a href="#">B-82-1</a>  | EV           | Dedicated | Multiple                              | Multiple                      | MDV   | 2004                       |
| 2019 | Hyzon Motors                      | <a href="#">B-84</a>    | EV-Fuel Cell | Dedicated | Daimler<br>Trucks<br>North<br>America | MDTN2TRAC29C                  | HDV   | 2004                       |
| 2019 | Evolectric Inc.                   | <a href="#">B-89</a>    | EV           | Dedicated | GM and<br>Isuzu                       |                               | HDV   | 2004                       |
|      |                                   |                         |              |           |                                       |                               |       |                            |
| 2018 | ZEVx, Inc.                        | <a href="#">B-87-1</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2018 | Karma Automotive<br>LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated | Ford                                  |                               | MDV   | 2004                       |
| 2018 | Landi Renzo USA                   | <a href="#">B-60-23</a> | CNG          | Dedicated | Ford                                  | JFMXD06.26BC/<br>JFMXD06.26CH | MDV   | 2004                       |
| 2018 | Landi Renzo USA                   | <a href="#">B-60-24</a> | CNG          | Dedicated | Ford                                  | JFMXD06.27BC/<br>JFMXD06.27CH | MDV   | 2004                       |
| 2018 | Roush Industries                  | <a href="#">B-58-18</a> | LPG          | Dedicated | Ford                                  | JFMXE06.8BW6                  | HDE   | 2004                       |
| 2018 | Roush Industries                  | <a href="#">B-58-19</a> | LPG          | Dedicated | Ford                                  | JFMXE06.8BW6                  | HDE   | 2004                       |
| 2018 | Roush Industries                  | <a href="#">B-58-20</a> | LPG          | Dedicated | Ford                                  | JFMXE06.8BWZ                  | HDE   | 2004                       |

| MY   | Manufacturer                      | EO                      | Fuel         | System                  | Base Make                             | Test Group/<br>Engine Family  | Class | Certification<br>Procedure |
|------|-----------------------------------|-------------------------|--------------|-------------------------|---------------------------------------|-------------------------------|-------|----------------------------|
| 2018 | Roush Industries                  | <a href="#">B-58-21</a> | LPG          | Dedicated               | Ford                                  | JFMXE06.87CV                  | MDV   | 2004                       |
| 2018 | Roush Industries                  | <a href="#">B-58-32</a> | LPG          | Dedicated               | Ford                                  | JRIIE06.8BWZ                  | HDV   | 2004                       |
| 2018 | Lightning eMotor, Inc             | <a href="#">B-83-2</a>  | EV           | Dedicated               | FORD                                  | NFMXD03.57BG                  | MDV   | 2004                       |
| 2018 | Roush Industries                  | <a href="#">B-58-34</a> | LPG          | Dedicated               | Ford                                  | JFMXE06.8BWZ                  | HDV   | 2004                       |
| 2018 | Westport Dallas, Inc.             | <a href="#">B-72-5</a>  | CNG          | Dedicated               | Ford                                  | JFMXD06.26BC/<br>JFMXD06.26CH | MDV   | 2004                       |
| 2018 | Karma Automotive<br>LLC           | <a href="#">B-86-1</a>  | EV           | Dedicated               | Ford                                  |                               | MDV   | 2004                       |
| 2018 | Lightning eMotors,<br>Inc.        | <a href="#">B-83</a>    | EV           | Dedicated               | Cummins                               | JCEXH0729XAE                  | HHDD  | 2004                       |
| 2018 | Maxwell Vehicles<br>LLC           | <a href="#">B-80</a>    | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2018 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-1</a>  | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2018 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-2</a>  | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2018 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-3</a>  | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2018 | Lightning Systems<br>Inc.         | <a href="#">B-81-1</a>  | EV           | Dedicated               | FORD                                  | FFMXD03.56BT                  | MDV   | 2004                       |
| 2018 | Unique Electric<br>Solutions Inc. | <a href="#">B-82-1</a>  | EV           | Dedicated               | Multiple                              | Multiple                      | MDV   | 2004                       |
| 2018 | Hyzon Motors                      | <a href="#">B-84</a>    | EV-Fuel Cell | Dedicated               | Daimler<br>Trucks<br>North<br>America | MDTN2TRAC29C                  | HDV   | 2004                       |
| 2018 | Evolectric Inc.                   | <a href="#">B-89</a>    | EV           | Dedicated               | GM and<br>Isuzu                       |                               | HDV   | 2004                       |
|      |                                   |                         |              |                         |                                       |                               |       |                            |
| 2017 | ZEVx, Inc.                        | <a href="#">B-87-1</a>  | EV           | Dedicated               | Ford                                  |                               | MDV   | 2004                       |
| 2017 | Karma Automotive<br>LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated               | Ford                                  |                               | MDV   | 2004                       |
| 2017 | ICOM North America<br>LLC.        | <a href="#">B-74-2</a>  | LPG          | Dedicated               | Ford                                  | HFMXE06.8BWZ                  | HDE   | 2004                       |
| 2017 | Karma Automotive<br>LLC           | <a href="#">B-86-1</a>  | EV           | Dedicated               | Ford                                  |                               | MDV   | 2004                       |
| 2017 | Lightning eMotor, Inc             | <a href="#">B-83-2</a>  | EV           | Dedicated               | FORD                                  | NFMXD03.57BG                  | MDV   | 2004                       |
| 2017 | Landi Renzo USA                   | <a href="#">B-60-21</a> | CNG          | Dedicated               | Ford                                  | HFMXD06.26BC/<br>HFMXD06.26CH | MDV   | 2004                       |
| 2017 | Landi Renzo USA                   | <a href="#">B-60-22</a> | CNG          | Dedicated               | Ford                                  | HFMXD06.27BC/<br>HFMXD06.27CH | MDV   | 2004                       |
| 2017 | Parnell USA, INC.                 | <a href="#">B-63-6</a>  | LPG          | Dedicated;<br>Dual-Fuel | General<br>Motors                     | HGMXE06.0584                  | HDE   | 2004                       |
| 2017 | Roush Industries                  | <a href="#">B-58-16</a> | LPG          | Dedicated               | Ford                                  | HFMXE06.8BWZ                  | HDE   | 2004                       |
| 2017 | Roush Industries                  | <a href="#">B-58-17</a> | LPG          | Dedicated               | Ford                                  | HFMXE06.8BW6                  | HDE   | 2004                       |
| 2017 | Westport Dallas, Inc.             | <a href="#">B-72-3</a>  | CNG          | Dedicated               | Ford                                  | HFMXD06.26CH                  | MDV   | 2004                       |
| 2017 | Westport Dallas, Inc.             | <a href="#">B-72-3</a>  | CNG          | Dedicated               | Ford                                  | HFMXD06.26BC                  | MDV   | 2004                       |
| 2017 | Westport Dallas, Inc.             | <a href="#">B-72-4</a>  | CNG          | Dedicated               | Ford                                  | HFMXE06.8BW6                  | HDE   | 2004                       |
| 2017 | Lightning eMotors,<br>Inc.        | <a href="#">B-83</a>    | EV           | Dedicated               | Cummins                               | HCEXH0729XAE                  | HHDD  | 2004                       |
| 2017 | Maxwell Vehicles<br>LLC           | <a href="#">B-80</a>    | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2017 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-1</a>  | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2017 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-2</a>  | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |
| 2017 | Maxwell Vehicles<br>LLC           | <a href="#">B-80-3</a>  | EV           | Dedicated               | RAM                                   | ECRXD03.65VO                  | MDV   | 2004                       |

| MY   | Manufacturer                   | EO                      | Fuel         | System                  | Base Make                    | Test Group/<br>Engine Family | Class | Certification<br>Procedure |
|------|--------------------------------|-------------------------|--------------|-------------------------|------------------------------|------------------------------|-------|----------------------------|
| 2017 | Lightning Systems Inc.         | <a href="#">B-81-1</a>  | EV           | Dedicated               | FORD                         | FFMXD03.56BT                 | MDV   | 2004                       |
| 2017 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV           | Dedicated               | Multiple                     | Multiple                     | MDV   | 2004                       |
| 2017 | Hyzon Motors                   | <a href="#">B-84</a>    | EV-Fuel Cell | Dedicated               | Daimler Trucks North America | MDTN2TRAC29C                 | HDV   | 2004                       |
| 2017 | Evolectric Inc.                | <a href="#">B-89</a>    | EV           | Dedicated               | GM and Isuzu                 |                              | HDV   | 2004                       |
|      |                                |                         |              |                         |                              |                              |       |                            |
| 2016 | ZEVx, Inc.                     | <a href="#">B-87-1</a>  | EV           | Dedicated               | Ford                         |                              | MDV   | 2004                       |
| 2016 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated               | Ford                         |                              | MDV   | 2004                       |
| 2016 | ICOM North America LLC.        | <a href="#">B-74-1</a>  | LPG          | Dedicated               | Ford                         | GFMXE06.8BWZ                 | HDE   | 2004                       |
| 2016 | Landi Renzo USA                | <a href="#">B-60-19</a> | CNG          | Dedicated               | Ford                         | GFMXE06.8BW6                 | HDE   | 2004                       |
| 2016 | Landi Renzo USA                | <a href="#">B-60-20</a> | CNG          | Dedicated               | Ford                         | GFMXE06.8BWZ                 | HDE   | 2004                       |
| 2016 | Karma Automotive LLC           | <a href="#">B-86-1</a>  | EV           | Dedicated               | Ford                         |                              | MDV   | 2004                       |
| 2016 | Lightning eMotor, Inc          | <a href="#">B-83-2</a>  | EV           | Dedicated               | FORD                         | NFMXD03.57BG                 | MDV   | 2004                       |
| 2016 | Parnell USA                    | <a href="#">B-63-5</a>  | LPG          | Dedicated;<br>Dual-Fuel | General Motors               | GGMXE06.0584                 | HDE   | 2004                       |
| 2016 | Roush Industries               | <a href="#">B-58-15</a> | LPG          | Dedicated               | Ford                         | GFMXE06.8BW6                 | HDE   | 2004                       |
| 2016 | Roush Industries               | <a href="#">B-58-14</a> | LPG          | Dedicated               | Ford                         | GFMXE06.8BWZ                 | HDE   | 2004                       |
| 2016 | Roush Industries               | <a href="#">B-58-13</a> | LPG          | Dedicated               | Ford                         | GFMXE06.8BW6                 | HDE   | 2004                       |
| 2016 | Westport Dallas, Inc.          | <a href="#">B-72-1</a>  | CNG          | Dedicated               | Ford                         | GFMXD06.27HV                 | MDV   | 2004                       |
| 2016 | Westport Dallas, Inc.          | <a href="#">B-72-1</a>  | CNG          | Dedicated               | Ford                         | GFMXD06.26LT                 | MDV   | 2004                       |
| 2016 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV           | Dedicated               | Cummins                      | GCEXH0729XAE                 | HHDD  | 2004                       |
| 2016 | Maxwell Vehicles LLC           | <a href="#">B-80</a>    | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2016 | Maxwell Vehicles LLC           | <a href="#">B-80-1</a>  | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2016 | Maxwell Vehicles LLC           | <a href="#">B-80-2</a>  | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2016 | Maxwell Vehicles LLC           | <a href="#">B-80-3</a>  | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2016 | Lightning Systems Inc.         | <a href="#">B-81-1</a>  | EV           | Dedicated               | FORD                         | FFMXD03.56BT                 | MDV   | 2004                       |
| 2016 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV           | Dedicated               | Multiple                     | Multiple                     | MDV   | 2004                       |
| 2016 | Hyzon Motors                   | <a href="#">B-84</a>    | EV-Fuel Cell | Dedicated               | Daimler Trucks North America | MDTN2TRAC29C                 | HDV   | 2004                       |
| 2016 | Karma Automotive LLC           | <a href="#">B-86</a>    | EV           | Dedicated               | Roush                        | GRIIE06.8BWZ                 | HDV   | 2004                       |
| 2016 | Evolectric Inc.                | <a href="#">B-89</a>    | EV           | Dedicated               | GM and Isuzu                 |                              | HDV   | 2004                       |
|      |                                |                         |              |                         |                              |                              |       |                            |
| 2015 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated               | Ford                         |                              | MDV   | 2004                       |
| 2015 | IMPACO Technologies            | <a href="#">B-4-79</a>  | CNG          | Dedicated               | General Motors               | FGMXE06.0584                 | HDE   | 2004                       |
| 2015 | Landi Renzo USA                | <a href="#">B-60-8</a>  | CNG          | Dedicated               | General Motors               | FGMXE06.0584                 | HDE   | 2004                       |
| 2015 | Landi Renzo USA                | <a href="#">B-60-9</a>  | CNG          | Dedicated               | General Motors               | FGMXE06.0585                 | HDE   | 2004                       |

| MY   | Manufacturer                   | EO                      | Fuel         | System                  | Base Make                    | Test Group/<br>Engine Family | Class | Certification<br>Procedure |
|------|--------------------------------|-------------------------|--------------|-------------------------|------------------------------|------------------------------|-------|----------------------------|
| 2015 | Landi Renzo USA                | <a href="#">B-60-12</a> | CNG          | Dedicated               | Ford                         | FFMXE06.8BW5                 | HDE   | 2004                       |
| 2015 | Landi Renzo USA                | <a href="#">B-60-13</a> | CNG          | Dedicated               | General Motors               | FGMXE06.0584                 | MDE   | 2004                       |
| 2015 | Landi Renzo USA                | <a href="#">B-60-14</a> | CNG          | Dedicated               | General Motors               | FGMXE06.0585                 | MDE   | 2004                       |
| 2015 | Landi Renzo USA                | <a href="#">B-60-15</a> | CNG          | Dedicated               | Ford                         | FFMXE06.8BWX                 | HDE   | 2004                       |
| 2015 | Lightning eMotor, Inc          | <a href="#">B-83-2</a>  | EV           | Dedicated               | FORD                         | NFMXD03.57BG                 | MDV   | 2004                       |
| 2015 | Landi Renzo USA                | <a href="#">B-60-18</a> | CNG          | Dedicated               | Ford                         | FFMXE06.8BW6                 | HDE   | 2004                       |
| 2015 | Parnell USA                    | <a href="#">B-63-2</a>  | LPG          | Dedicated;<br>Dual-Fuel | General Motors               | FGMXE06.0584                 | HDE   | 2004                       |
| 2015 | Parnell USA                    | <a href="#">B-63-4</a>  | LPG          | Dedicated;<br>Dual-Fuel | General Motors               | FGMXE06.0584                 | HDE   | 2004                       |
| 2015 | Parnell USA                    | <a href="#">B-63-5</a>  | LPG          | Dedicated;<br>Dual-Fuel | General Motors               | GGMXE06.0584                 | HDE   | 2004                       |
| 2015 | Roush Industries               | <a href="#">B-58-10</a> | LPG          | Dedicated               | Ford                         | FFMXE06.8BW5                 | HDE   | 2004                       |
| 2015 | Roush Industries               | <a href="#">B-58-11</a> | LPG          | Dedicated               | Ford                         | FFMXE06.8BWX                 | HDE   | 2004                       |
| 2015 | Roush Industries               | <a href="#">B-58-12</a> | LPG          | Dedicated               | Ford                         | FFMXE06.8BW6                 | HDE   | 2004                       |
| 2015 | Westport Dallas, Inc.          | <a href="#">B-72-2</a>  | CNG          | Dedicated               | Ford                         | FFMXE06.88W5                 | HDE   | 2004                       |
| 2015 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV           | Dedicated               | Cummins                      | FCEXH0729XAE                 | HHDD  | 2004                       |
| 2015 | Karma Automotive LLC           | <a href="#">B-86-1</a>  | EV           | Dedicated               | Ford                         |                              | MDV   | 2004                       |
| 2015 | Maxwell Vehicles LLC           | <a href="#">B-80</a>    | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2015 | Maxwell Vehicles LLC           | <a href="#">B-80-1</a>  | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2015 | Maxwell Vehicles LLC           | <a href="#">B-80-2</a>  | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2015 | Maxwell Vehicles LLC           | <a href="#">B-80-3</a>  | EV           | Dedicated               | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2015 | Lightning Systems Inc.         | <a href="#">B-81-1</a>  | EV           | Dedicated               | FORD                         | FFMXD03.56BT                 | MDV   | 2004                       |
| 2015 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV           | Dedicated               | Multiple                     | Multiple                     | MDV   | 2004                       |
| 2015 | Hyzon Motors                   | <a href="#">B-84</a>    | EV-Fuel Cell | Dedicated               | Daimler Trucks North America | MDTN2TRAC29C                 | HDV   | 2004                       |
| 2015 | Evolectric Inc.                | <a href="#">B-89</a>    | EV           | Dedicated               | GM and Isuzu                 |                              | HDV   | 2004                       |
|      |                                |                         |              |                         |                              |                              |       |                            |
| 2014 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV           | Dedicated               | Ford                         |                              | MDV   | 2004                       |
| 2014 | Landi Renzo USA                | <a href="#">B-60-7</a>  | CNG          | Dedicated               | Ford                         | EFMXE06.8BW5                 | HDE   | 2004                       |
| 2014 | Landi Renzo USA                | <a href="#">B-60-10</a> | CNG          | Dedicated               | Ford                         | EFMXT05.45HK                 | MDV   | 2004                       |
| 2014 | Landi Renzo USA                | <a href="#">B-60-11</a> | CNG          | Dedicated               | Ford                         | EFMXE06.8BWX                 | HDE   | 2004                       |
| 2014 | Karma Automotive LLC           | <a href="#">B-86-1</a>  | EV           | Dedicated               | Ford                         |                              | MDV   | 2004                       |
| 2014 | Landi Renzo USA                | <a href="#">B-60-16</a> | CNG          | Dedicated               | General Motors               | EGMXE06.0585                 | HDE   | 2004                       |
| 2014 | Landi Renzo USA                | <a href="#">B-60-17</a> | CNG          | Dedicated               | General Motors               | EGMXE06.0584                 | HDE   | 2004                       |
| 2014 | Parnell USA                    | <a href="#">B-63-1</a>  | LPG          | Dedicated;<br>Dual-Fuel | General Motors               | EGMXE06.0584                 | HDE   | 2004                       |
| 2014 | Parnell USA                    | <a href="#">B-63-3</a>  | LPG          | Dedicated;<br>Dual-Fuel | General Motors               | EGMXE06.0584                 | HDE   | 2004                       |
| 2014 | Roush Industries               | <a href="#">B-58-4</a>  | LPG          | Dedicated               | Ford                         | EFMXE06.8BWX                 | HDE   | 2004                       |
| 2014 | Roush Industries               | <a href="#">B-58-5</a>  | LPG          | Dedicated               | Ford                         | EFMXE06.8BW5                 | HDE   | 2004                       |

| MY   | Manufacturer                   | EO                      | Fuel                      | System    | Base Make                    | Test Group/<br>Engine Family | Class | Certification<br>Procedure |
|------|--------------------------------|-------------------------|---------------------------|-----------|------------------------------|------------------------------|-------|----------------------------|
| 2014 | World CNG LLC                  | <a href="#">B-64-1</a>  | CNG                       | Dedicated | Chrysler                     | ECRXD03.65V0                 | MDV   | 2004                       |
| 2014 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV                        | Dedicated | Cummins                      | ECEXH0729XAE                 | HHDD  | 2004                       |
| 2014 | Maxwell Vehicles LLC           | <a href="#">B-80</a>    | EV                        | Dedicated | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2014 | Maxwell Vehicles LLC           | <a href="#">B-80-1</a>  | EV                        | Dedicated | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2014 | Maxwell Vehicles LLC           | <a href="#">B-80-2</a>  | EV                        | Dedicated | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2014 | Maxwell Vehicles LLC           | <a href="#">B-80-3</a>  | EV                        | Dedicated | RAM                          | ECRXD03.65VO                 | MDV   | 2004                       |
| 2014 | Lightning Systems Inc.         | <a href="#">B-81</a>    | EV                        | Dedicated | Van Hool                     | ADDH12.8FED                  | HDV   | 2004                       |
| 2014 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV                        | Dedicated | Multiple                     | Multiple                     | MDV   | 2004                       |
| 2014 | Hyzon Motors                   | <a href="#">B-84</a>    | EV-Fuel Cell              | Dedicated | Daimler Trucks North America | MDTN2TRAC29C                 | HDV   | 2004                       |
| 2014 | Evolectric Inc.                | <a href="#">B-89</a>    | EV                        | Dedicated | GM and Isuzu                 |                              | HDV   | 2004                       |
|      |                                |                         |                           |           |                              |                              |       |                            |
| 2013 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV                        | Dedicated | Ford                         |                              | MDV   | 2004                       |
| 2013 | American Power Group           | <a href="#">B-62-10</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                        | DVPTH12.8S01                 | HDE   | 2004                       |
| 2013 | BAF Technologies               | <a href="#">B-52-2</a>  | CNG                       | Dedicated | Ford                         | DFMXT02.01DW                 | LDT   | 2004                       |
| 2013 | BAF Technologies               | <a href="#">B-52-3</a>  | CNG                       | Dedicated | Ford                         | DFMXE06.8BW5                 | HDE   | 2004                       |
| 2013 | IMPCO Technologies             | <a href="#">B-4-76</a>  | CNG                       | Dedicated | Ford                         | DFMXT06.27HL                 | MDV   | 2004                       |
| 2013 | IMPCO Technologies             | <a href="#">B-4-77</a>  | CNG                       | Dedicated | General Motors               | DGMXE06.0584                 | HDE   | 2004                       |
| 2013 | IMPCO Technologies             | <a href="#">B-4-78</a>  | CNG                       | Dedicated | General Motors               | DGMXE06.0585                 | HDE   | 2004                       |
| 2013 | Landi Renzo USA                | <a href="#">B-60-1</a>  | CNG                       | Dedicated | Ford                         | DFMXT05.45HK                 | MDV   | 2004                       |
| 2013 | Landi Renzo USA                | <a href="#">B-60-2</a>  | CNG                       | Dedicated | Ford                         | DFMXE06.8BW5                 | HDE   | 2004                       |
| 2013 | Landi Renzo USA                | <a href="#">B-60-3</a>  | CNG                       | Dedicated | General Motors               | DGMXE06.0584                 | HDE   | 2004                       |
| 2013 | Landi Renzo USA                | <a href="#">B-60-4</a>  | CNG                       | Dedicated | General Motors               | DGMXE06.0585                 | HDE   | 2004                       |
| 2013 | Landi Renzo USA                | <a href="#">B-60-5</a>  | CNG                       | Dedicated | General Motors               | DGMXE06.0584                 | MDV   | 2004                       |
| 2013 | Landi Renzo USA                | <a href="#">B-60-6</a>  | CNG                       | Dedicated | General Motors               | DGMXE06.0585                 | MDV   | 2004                       |
| 2013 | Roush Industries               | <a href="#">B-58-6</a>  | LPG                       | Dedicated | Ford                         | DFMXE06.8BW5                 | HDE   | 2004                       |
| 2013 | Roush Industries               | <a href="#">B-58-7</a>  | LPG                       | Dedicated | Ford                         | DFMXE06.8BWX                 | HDE   | 2004                       |
| 2013 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV                        | Dedicated | Cummins                      | DCEXH0729XAE                 | HHDD  | 2004                       |
| 2013 | Lightning Systems Inc.         | <a href="#">B-81</a>    | EV                        | Dedicated | Van Hool                     | ADDH12.8FED                  | HDV   | 2004                       |
| 2013 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV                        | Dedicated | Cummins Inc                  | DCEXH0408BAQ                 | MDV   | 2004                       |
| 2013 | Hyzon Motors                   | <a href="#">B-84</a>    | EV-Fuel Cell              | Dedicated | Daimler Trucks North America | MDTN2TRAC29C                 | HDV   | 2004                       |
| 2013 | ZEVx, Inc.                     | <a href="#">B-87</a>    | EV                        | Dedicated | Mercedes-Benz                | DMBXT03.0HD1                 | PC    | 2004                       |
| 2013 | Evolectric Inc.                | <a href="#">B-89</a>    | EV                        | Dedicated | GM and Isuzu                 |                              | HDV   | 2004                       |



| MY   | Manufacturer                   | EO                      | Fuel                      | System    | Base Make                  | Test Group/<br>Engine Family | Class | Certification<br>Procedure |
|------|--------------------------------|-------------------------|---------------------------|-----------|----------------------------|------------------------------|-------|----------------------------|
| 2012 | Karma Automotive LLC           | <a href="#">B-86-3</a>  | EV                        | Dedicated | Ford                       |                              | MDV   | 2004                       |
| 2012 | American Power Group           | <a href="#">B-62-3</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                      | CVPTH12.8S01                 | HHDD  | 2004                       |
| 2012 | American Power Group           | <a href="#">B-62-6</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                      | CVPTH12.8S01                 | HHDD  | 2004                       |
| 2012 | American Power Group           | <a href="#">B-62-9</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Cummins                    | CCEXH0912XAR                 | HHDD  | 2004                       |
| 2012 | American Power Group           | <a href="#">B-62-13</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Detroit Diesel Corporation | CDDXH14.8EED                 | HHDD  | 2004                       |
| 2012 | Clean Air Power                | <a href="#">B-57-11</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                      | CVPTH12.8S01                 | HDE   | 2004                       |
| 2012 | IMPCO Technologies             | <a href="#">B-4-75</a>  | CNG                       | Dedicated | Ford                       | CFMXT02.51EN                 | LDT   | 1994                       |
| 2012 | Roush Industries               | <a href="#">B-58-2</a>  | LPG                       | Dedicated | Ford                       | CFMXE06.8BW5                 | HDE   | 2004                       |
| 2012 | Roush Industries               | <a href="#">B-58-3</a>  | LPG                       | Dedicated | Ford                       | CFMXE06.8BW5                 | HDE   | 2004                       |
| 2012 | Roush Industries               | <a href="#">B-58-8</a>  | LPG                       | Dedicated | Ford                       | CFMXE06.8BWX                 | HDE   | 2004                       |
| 2012 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV                        | Dedicated | Cummins                    | CCEXH0729XAC                 | HHDD  | 2004                       |
| 2012 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV                        | Dedicated | Multiple                   | Multiple                     | MDV   | 2004                       |
| 2012 | Lightning Systems Inc.         | <a href="#">B-81</a>    | EV                        | Dedicated | Van Hool                   | ADDH12.8FED                  | HDV   | 2004                       |
| 2012 | ZEVx, Inc.                     | <a href="#">B-87</a>    | EV                        | Dedicated | Mercedes-Benz              | CMBXT03.0HD1                 | PC    | 2004                       |
| 2012 | Evolectric Inc.                | <a href="#">B-89</a>    | EV                        | Dedicated | GM and Isuzu               |                              | HDV   | 2004                       |
| 2011 | American Power Group           | <a href="#">B-62-2</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                      | BVPTH 12.8S01                | HHDD  | 2004                       |
| 2011 | American Power Group           | <a href="#">B-62-5</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                      | BVPTH 12.8S01                | HHDD  | 2004                       |
| 2011 | American Power Group           | <a href="#">B-62-8</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Cummins                    | BCEXH0912XAR                 | HHDD  | 2004                       |
| 2011 | American Power Group           | <a href="#">B-62-12</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Detroit Diesel Corporation | BDDXH14.8EED                 | HHDD  | 2004                       |
| 2011 | Roush Industries               | <a href="#">B-58-9</a>  | LPG                       | Dedicated | Ford                       | BFMXE06.8BWX                 | HDE   | 2004                       |
| 2011 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV                        | Dedicated | Multiple                   | Multiple                     | MDV   | 2004                       |
| 2011 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV                        | Dedicated | Cummins                    | BCEXH0729XAC                 | HHDD  | 2004                       |
| 2011 | Lightning Systems Inc.         | <a href="#">B-81</a>    | EV                        | Dedicated | Van Hool                   | ADDH12.8FED                  | HDV   | 2004                       |
| 2011 | ZEVx, Inc.                     | <a href="#">B-87</a>    | EV                        | Dedicated | Mercedes-Benz              | BMBXT03.0HD1                 | PC    | 2004                       |
| 2011 | Evolectric Inc.                | <a href="#">B-89</a>    | EV                        | Dedicated | GM and Isuzu               |                              | HDV   | 2004                       |
| 2010 | American Power Group           | <a href="#">B-62-1</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                      | AVPTH12.8S01                 | HHDD  | 2004                       |
| 2010 | American Power Group           | <a href="#">B-62-4</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Volvo                      | AVPTH12.8S01                 | HHDD  | 2004                       |
| 2010 | American Power Group           | <a href="#">B-62-7</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Cummins                    | ACEXH0912XAR                 | HHDD  | 2004                       |
| 2010 | American Power Group           | <a href="#">B-62-11</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel   | Detroit Diesel Corporation | ADDXH14.8EED                 | HHDD  | 2004                       |
| 2010 | NGV Motori USA                 | <a href="#">B-70-1</a>  | CNG                       | Dedicated | Navistar Inc.              | ANVXH04660GA                 | MHDD  | 2004                       |

| MY   | Manufacturer                   | EO                      | Fuel       | System    | Base Make     | Test Group/<br>Engine Family | Class | Certification<br>Procedure |
|------|--------------------------------|-------------------------|------------|-----------|---------------|------------------------------|-------|----------------------------|
|      | LLC                            |                         |            |           |               |                              |       |                            |
| 2010 | Roush Industries               | <a href="#">B-58</a>    | LPG        | Dedicated | Ford          | AFMXT05.45H4                 | MDV   | 1994                       |
| 2010 | Roush Industries               | <a href="#">B-58-1</a>  | LPG        | Dedicated | Ford          | AFMXT05.45HJ                 | MDV   | 1994                       |
| 2010 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV         | Dedicated | Cummins       | ACEXH0729XAC                 | HHDD  | 2004                       |
| 2010 | Unique Electric Solutions Inc. | <a href="#">B-82-1</a>  | EV         | Dedicated | Multiple      | Multiple                     | MDV   | 2004                       |
| 2010 | Lightning Systems Inc.         | <a href="#">B-81</a>    | EV         | Dedicated | Van Hool      | ADDH12.8FED                  | HDV   | 2004                       |
| 2010 | ZEVx, Inc.                     | <a href="#">B-87</a>    | EV         | Dedicated | Mercedes-Benz | AMBXT03.0HD1                 | PC    | 2004                       |
| 2010 | Evolectric Inc.                | <a href="#">B-89</a>    | EV         | Dedicated | GM and Isuzu  |                              | HDV   | 2004                       |
|      |                                |                         |            |           |               |                              |       |                            |
| 2009 | NGV Motori USA LLC             | <a href="#">B-70-11</a> | CNG        | Dedicated | Navistar Inc. | 9NVXH0466AGA                 | MHDD  | 2004                       |
| 2009 | NGV Motori USA LLC             | <a href="#">B-70-12</a> | CNG        | Dedicated | Navistar Inc. | 9NVX40466AGB                 | MHDD  | 2004                       |
| 2009 | NGV Motori USA LLC             | <a href="#">B-70-13</a> | CNG        | Dedicated | Navistar Inc. | 9NVXH0466AGC                 | MHDD  | 2004                       |
| 2009 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV         | Dedicated | Cummins       | 9CEXH0661MAF                 | HHDD  | 2004                       |
| 2009 | Evolectric Inc.                | <a href="#">B-89</a>    | EV         | Dedicated | GM and Isuzu  |                              | HDV   | 2004                       |
|      |                                |                         |            |           |               |                              |       |                            |
| 2008 | NGV Motori USA LLC             | <a href="#">B-70-8</a>  | CNG        | Dedicated | Navistar Inc. | 8NVXH0466AGA                 | MHDD  | 2004                       |
| 2008 | NGV Motori USA LLC             | <a href="#">B-70-9</a>  | CNG        | Dedicated | Navistar Inc. | 8NVXH0466AGB                 | MHDD  | 2004                       |
| 2008 | NGV Motori USA LLC             | <a href="#">B-70-10</a> | CNG        | Dedicated | Navistar Inc. | 8NVXH0466AGC                 | MHDD  | 2004                       |
| 2008 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV         | Dedicated | Cummins       | 8CEXH0661MAA                 | HHDD  | 2004                       |
| 2008 | Evolectric Inc.                | <a href="#">B-89</a>    | EV         | Dedicated | GM and Isuzu  |                              | HDV   | 2004                       |
|      |                                |                         |            |           |               |                              |       |                            |
| 2007 | NGV Motori USA LLC             | <a href="#">B-70-6</a>  | CNG        | Dedicated | Navistar Inc. | 7NVXH0466AGA                 | MHDD  | 2004                       |
| 2007 | NGV Motori USA LLC             | <a href="#">B-70-7</a>  | CNG        | Dedicated | Navistar Inc. | 7NVXH0466AGB                 | MHDD  | 2004                       |
| 2007 | Lightning eMotors, Inc.        | <a href="#">B-83</a>    | EV         | Dedicated | Cummins       | 7CEXH0661MAA                 | HHDD  | 2004                       |
|      |                                |                         |            |           |               |                              |       |                            |
| 2006 | Unique Electric Solutions Inc. | <a href="#">B-82</a>    | EV         | Dedicated | International | 6NVXH0365AEC                 | HHDD  | 2004                       |
| 2006 | BAF Technologies               | <a href="#">B-52</a>    | CNG        | Dedicated | Ford          | 6FMXV04.6VE8                 | PC    | 1994                       |
| 2006 | BAF Technologies               | <a href="#">B-52-1</a>  | CNG        | Dedicated | Ford          | 6FMXV04.6VG8                 | PC    | 1994                       |
| 2006 | NGV Motori USA LLC             | <a href="#">B-70-5</a>  | CNG        | Dedicated | Navistar Inc. | 6NVXH0466AEA                 | MHDD  | 2004                       |
| 2006 | Westport Fuel Systems          | <a href="#">B-53</a>    | LNG/Diesel | Bi-fuel   | Cummins       | 6CEXH0912XAH                 | HDE   | 1994                       |
|      |                                |                         |            |           |               |                              |       |                            |
| 2005 | Unique Electric Solutions Inc. | <a href="#">B-82</a>    | EV         | Dedicated | International | 5NVXH0365AEC                 | HHDD  | 2004                       |
| 2005 | NGV Motori USA LLC             | <a href="#">B-70-4</a>  | CNG        | Dedicated | Navistar Inc. | 5NVXH0466AEA                 | MHDD  | 2004                       |
|      |                                |                         |            |           |               |                              |       |                            |
| 2004 | Unique Electric Solutions Inc. | <a href="#">B-82</a>    | EV         | Dedicated | International | 4NVXH0365AEB                 | HHDD  | 2004                       |



| MY   | Manufacturer                   | EO                                  | Fuel                      | System                  | Base Make      | Test Group/<br>Engine Family | Class         | Certification<br>Procedure |
|------|--------------------------------|-------------------------------------|---------------------------|-------------------------|----------------|------------------------------|---------------|----------------------------|
| 2004 | NGV Motori USA LLC             | <a href="#">B-70-2</a>              | CNG                       | Dedicated               | Navistar Inc.  | 4NVXH0466ANA                 | MHDD          | 2004                       |
| 2004 | NGV Motori USA LLC             | <a href="#">B-70-3</a>              | CNG                       | Dedicated               | Navistar Inc.  | 4NVXH0466ANB                 | MHDD          | 2004                       |
| 2004 | North American Repower         | <a href="#">B-67-1</a>              | CNG                       | Dedicated               | International  | 4NVXH0466ANA                 | MHDD          | 2004                       |
| 2004 | North American Repower         | <a href="#">B-67-2</a>              | CNG                       | Dedicated               | International  | 4NVXH0466ANB                 | MHDD          | 2004                       |
|      |                                |                                     |                           |                         |                |                              |               |                            |
| 2003 | Unique Electric Solutions Inc. | <a href="#">B-82</a>                | EV                        | Dedicated               | International  | 3NVXH0365AEA                 | HHDD          | 2004                       |
|      |                                |                                     |                           |                         |                |                              |               |                            |
| 2002 | Clean Air Partners             | <a href="#">B-40-7<sup>1</sup></a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 2CPXH0442HRK                 | HDE           | 1994                       |
| 2002 | Clean Air Partners             | <a href="#">B-40-8<sup>2</sup></a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 2CPXH0629ERK                 | HDE           | 1994                       |
| 2002 | Clean Air Partners             | <a href="#">B-40-9<sup>3</sup></a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 2CPXH0729ERK                 | HDE           | 1994                       |
| 2002 | Clean Air Power                | <a href="#">B-57-4</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 2CPXH0893ERK                 | HDE           | 1994                       |
| 2002 | Clear Air Power                | <a href="#">B-57-8</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 2CPXH0442HRK                 | HDE           | 1994                       |
| 2002 | Clean Air Power                | <a href="#">B-57-9</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 2CPXH0629ERK                 | HDE           | 1994                       |
| 2002 | Clean Air Power                | <a href="#">B-57-10</a>             | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 2CPXH0729ERK                 | HDE           | 1994                       |
|      |                                |                                     |                           |                         |                |                              |               |                            |
| 2001 | Baytech Corporation            | <a href="#">B-41-11</a>             | CNG                       | Dedicated;<br>Dual-fuel | General Motors | 1GMXT04.3186                 | LDT1          | 1994                       |
| 2001 | Clean Air Partners             | <a href="#">B-40-10<sup>4</sup></a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 1CPXH0442HRK                 | HDE           | 1994                       |
| 2001 | Clean Air Partners             | <a href="#">B-40-11<sup>5</sup></a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 1CPXH0629ERK                 | HDE           | 1994                       |
| 2001 | Clean Air Partners             | <a href="#">B-40-12<sup>6</sup></a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 1CPXH0729ERK                 | HDE           | 1994                       |
| 2001 | Clear Air Power                | <a href="#">B-57-3</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 1CPXH0893ERK                 | HDE           | 1994                       |
| 2001 | Clear Air Power                | <a href="#">B-57-5</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 1CPXH0442HRK                 | HDE           | 1994                       |
| 2001 | Clear Air Power                | <a href="#">B-57-6</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 1CPXH0629ERK                 | HDE           | 1994                       |
| 2001 | Clear Air Power                | <a href="#">B-57-7</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | 1CPXH0729ERK                 | HDE           | 1994                       |
|      |                                |                                     |                           |                         |                |                              |               |                            |
| 2000 | Baytech Corporation            | <a href="#">B-41-10</a>             | CNG                       | Dedicated;<br>Dual-fuel | General Motors | YGMXH05.7582                 | Tier 1<br>MDE | 1994                       |
| 2000 | Clean Air Power                | <a href="#">B-57-2</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | YCPXH0893ERK                 | HDE           | 1994                       |
| 2000 | IMPCO Technologies             | <a href="#">B-4-74</a>              | LPG                       | Dedicated               | General Motors | YGMXH07.4502                 | Tier 1<br>HDE | 1994                       |
| 2000 | General Motors                 | <a href="#">B-88</a>                | EV                        | Dedicated               | Varied         | YGMXT04.3188                 | PC/LDT        | 2001                       |
| 2000 | Power Systems Associates       | <a href="#">B-49-7</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | YCPXH0629ERK                 | HDE           | 1994                       |
| 2000 | Power Systems Associates       | <a href="#">B-49-10</a>             | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | YCPXH0729ERK                 | HDE           | 1994                       |
| 2000 | Power Systems Associates       | <a href="#">B-49-13</a>             | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | YCPXH0442HRK                 | HDE           | 1994                       |
|      |                                |                                     |                           |                         |                |                              |               |                            |
| 1999 | Baytech Corporation            | <a href="#">B-41-9</a>              | CNG                       | Dedicated;<br>Dual-fuel | General Motors | XGMXH05.7582                 | Tier 1<br>MDE | 1994                       |
| 1999 | Clean Air Power                | <a href="#">B-57-1</a>              | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar    | XCPXH0893ERK                 | HDE           | 1994                       |

| MY   | Manufacturer                | EO                      | Fuel                      | System                  | Base Make         | Test Group/<br>Engine Family | Class          | Certification<br>Procedure |
|------|-----------------------------|-------------------------|---------------------------|-------------------------|-------------------|------------------------------|----------------|----------------------------|
| 1999 | General Motors              | <a href="#">B-88</a>    | EV                        | Dedicated               | Varied            | YGMXT04.3188                 | PC/LDT         | 2001                       |
| 1999 | IMPCO<br>Technologies       | <a href="#">B-4-73</a>  | LPG                       | Dedicated               | General<br>Motors | XGMXH07.4502                 | Tier 1<br>HDE  | 1994                       |
| 1999 | Power Systems<br>Associates | <a href="#">B-49-8</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | XCPXH0629ERK                 | HDE            | 1994                       |
| 1999 | Power Systems<br>Associates | <a href="#">B-49-11</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | XCPXH0729ERK                 | HDE            | 1994                       |
| 1999 | Power Systems<br>Associates | <a href="#">B-49-14</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | XCPXH0442HRK                 | HDE            | 1994                       |
|      |                             |                         |                           |                         |                   |                              |                |                            |
| 1998 | Baytech Corporation         | <a href="#">B-41-8</a>  | CNG                       | Dedicated;<br>Dual-fuel | General<br>Motors | WGMXH05.7582                 | Tier 1<br>MDE  | 1994                       |
| 1998 | General Motors              | <a href="#">B-88</a>    | EV                        | Dedicated               | Varied            | YGMXT04.3188                 | PC/LDT         | 2001                       |
| 1998 | Clean Air Power             | <a href="#">B-57</a>    | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | WCPXH0893ERK                 | HDE            | 1994                       |
| 1998 | Power Systems<br>Associates | <a href="#">B-49-9</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | WCPXH0629ERK                 | HDE            | 1994                       |
| 1998 | Power Systems<br>Associates | <a href="#">B-49-12</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | WCPXH0729ERK                 | HDE            | 1994                       |
| 1998 | Power Systems<br>Associates | <a href="#">B-49-15</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | WCPXH0442HSK                 | HDE            | 1994                       |
| 1998 | Power Systems<br>Associates | <a href="#">B-49-16</a> | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | WCPXH0442HRK                 | HDE            | 1994                       |
|      |                             |                         |                           |                         |                   |                              |                |                            |
| 1997 | Baytech Corporation         | <a href="#">B-41-7</a>  | CNG                       | Dedicated;<br>Dual-fuel | General<br>Motors | VGM5.7CPGAEA                 | Tier 1<br>MDE  | 1994                       |
| 1997 | General Motors              | <a href="#">B-88</a>    | EV                        | Dedicated               | Varied            | YGMXT04.3188                 | PC/LDT         | 2001                       |
| 1997 | IMPCO<br>Technologies       | <a href="#">B-4-70</a>  | LPG                       | Dedicated               | General<br>Motors | VGM7.0C5GAAA                 | HDE            | 1994                       |
| 1997 | Power Systems<br>Associates | <a href="#">B-49-5</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | VCP629EZDARX                 | HDE            | 1994                       |
| 1997 | Power Systems<br>Associates | <a href="#">B-49-6</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                 | Caterpillar       | VCP442DZDARK                 | HDE            | 1994                       |
|      |                             |                         |                           |                         |                   |                              |                |                            |
| 1996 | Baytech Corporation         | <a href="#">B-41-6</a>  | CNG                       | Dedicated;<br>Dual-fuel | General<br>Motors | TGM5.76PGFEK                 | Tier 1<br>MDV  | 1993                       |
| 1996 | Baytech Corporation         | <a href="#">B-41-6</a>  | CNG                       | Dedicated;<br>Dual-fuel | General<br>Motors | TGM5.7CPGAEA                 | HDE            | 1993                       |
| 1996 | Baytech Corporation         | <a href="#">B-41-6</a>  | CNG                       | Dedicated;<br>Dual-fuel | General<br>Motors | TGM7.0C5GAAA                 | HDE            | 1993                       |
| 1996 | GFI Controls                | <a href="#">B-16-28</a> | CNG                       | Dedicated               | General<br>Motors | TGM7.0C5GAAA                 | HDE            | 1994                       |
| 1996 | General Motors              | <a href="#">B-88</a>    | EV                        | Dedicated               | Varied            | YGMXT04.3188                 | PC/LDT         | 2001                       |
| 1996 | GFI Controls                | <a href="#">B-16-29</a> | CNG                       | Dedicated               | General<br>Motors | TGM7.4C5GAEA                 | HDE            | 1994                       |
| 1996 | GFI Controls                | <a href="#">B-16-30</a> | CNG                       | Dual-fuel               | Ford              | TFM4.958GKJK                 | MDV            | 1994                       |
| 1996 | GFI Controls                | <a href="#">B-16-31</a> | CNG                       | Dual-fuel               | Ford              | TFM4.968GKJK                 | MDV            | 1994                       |
| 1996 | GFI Controls                | <a href="#">B-16-32</a> | CNG                       | Dual-fuel               | Ford              | TFM2.0VJG1EK                 | PC             | 1994                       |
| 1996 | GFI Controls                | <a href="#">B-16-25</a> | CNG                       | Dual-fuel               | Ford              | TFM3.018G1EK                 | Tier 1<br>LDT1 | 1993                       |
| 1996 | GFI Controls                | <a href="#">B-16-25</a> | CNG                       | Dual-fuel               | General<br>Motors | TGM5.7CPGAEA                 | Tier 1<br>MDE  | 1993                       |
| 1996 | GFI Controls                | <a href="#">B-16-25</a> | CNG                       | Dedicated;<br>Dual-fuel | Ford              | TFM7.5C8GARA                 | HDE            | 1993                       |
| 1996 | GFI Controls                | <a href="#">B-16-33</a> | LPG                       | Dedicated;<br>Dual-fuel | General<br>Motors | TGM7.4C5GAEA                 | HDE            | 1993                       |
| 1996 | IMPCO<br>Technologies       | <a href="#">B-4-69</a>  | LPG                       | Dedicated               | General<br>Motors | TGM7.0C5GAAA                 | HDE            | 1994                       |

| MY   | Manufacturer             | EO                      | Fuel                      | System                   | Base Make      | Test Group/<br>Engine Family | Class          | Certification<br>Procedure |
|------|--------------------------|-------------------------|---------------------------|--------------------------|----------------|------------------------------|----------------|----------------------------|
| 1996 | Power Systems Associates | <a href="#">B-49</a>    | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                  | Caterpillar    | TCP629EZDARK                 | HDE            | 1994                       |
| 1996 | Power Systems Associates | <a href="#">B-49-4</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                  | Caterpillar    | TCP629EZDARM                 | HDE            | 1994                       |
| 1995 | GFI Controls             | <a href="#">B-16-17</a> | CNG                       | --                       | Ford           | SFM4.988GOJA                 | Tier 0<br>MDV  | 1994                       |
| 1995 | GFI Controls             | <a href="#">B-16-19</a> | CNG                       | --                       | Ford           | SFM4.988GAJA                 | AB 965<br>LDT  | 1994                       |
| 1995 | General Motors           | <a href="#">B-88</a>    | EV                        | Dedicated                | Varied         | YGMXT04.3188                 | PC/LDT         | 2001                       |
| 1995 | GFI Controls             | <a href="#">B-16-26</a> | CNG                       | Dedicated                | General Motors | SGM7.0C5GAAA                 | HDE            | 1994                       |
| 1995 | GFI Controls             | <a href="#">B-16-27</a> | CNG                       | Dedicated                | General Motors | SGM7.4C5GAEA                 | HDE            | 1994                       |
| 1995 | Clear Air Partners       | <a href="#">B-40-3</a>  | CNG                       | --                       | General Motors | SGM4.3C5GAAA                 | MDE            | 1994                       |
| 1995 | IMPCO Technologies       | <a href="#">B-4-68</a>  | LPG                       | Dedicated                | General Motors | SGM7.0C5GAAA                 | HDE            | 1994                       |
| 1995 | IMPCO Technologies       | <a href="#">B-4-71</a>  | LPG                       | Dedicated                | General Motors | S3G5.7J5G1EA                 | Tier 1<br>MDV3 | 1994                       |
| 1995 | Mesa Environmental       | <a href="#">B-34-11</a> | CNG                       | Dedicated;<br>GEM System | General Motors | S3G4.3H5G1EA                 | Tier 1<br>MDV2 | 1994                       |
| 1995 | Mesa Environmental       | <a href="#">B-34-12</a> | CNG                       | Dedicated;<br>GEM System | Ford           | SFM7.5B8G1CA                 | Tier 1<br>MDE4 | 1994                       |
| 1995 | Mesa Environmental       | <a href="#">B-34-13</a> | CNG                       | Dedicated;<br>GEM System | Ford           | SFM7.5B8GACA                 | Tier 0<br>MDE4 | 1994                       |
| 1995 | Mesa Environmental       | <a href="#">B-34-14</a> | CNG                       | Dual-fuel;<br>GEM System | Ford           | SFM7.5B8GACA                 | Tier 0<br>MDE4 | 1994                       |
| 1995 | Mesa Environmental       | <a href="#">B-34-15</a> | CNG                       | Dual-fuel;<br>GEM System | Ford           | SFM7.5B8G1CA                 | Tier 1<br>MDE4 | 1994                       |
| 1995 | Power Systems Associates | <a href="#">B-49-1</a>  | CNG/Diesel;<br>LNG/Diesel | Bi-fuel                  | Caterpillar    | SCP629EZDARK                 | HDE            | 1994                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | General Motors | S1G4.3V8G1EA                 | Tier 1 PC      | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | General Motors | S3G4.329GFHB                 | Tier 1<br>LDT  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | General Motors | S3G5.785GBEB                 | Tier 1<br>MDV  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | General Motors | SGM7.0C5GAAA                 | Tier 0<br>HDE  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | Ford           | SFM4.9H8G1JA                 | Tier 1<br>LDT  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | Ford           | SFM4.9J8G1JA                 | Tier 1<br>MDV  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | Chrysler       | SCR3.3V8GFEEA                | Tier 1 PC      | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | Chrysler       | SCR23928G1FA                 | Tier 1<br>LDT  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-22</a> | CNG                       | --                       | Chrysler       | SCR360J8G1FA                 | Tier 1<br>MDV  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-24</a> | LPG                       | --                       | General Motors | S3G5.7H5G0EA                 | Tier 0<br>LDT  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-24</a> | LPG                       | --                       | General Motors | S3G4.329GFHB                 | Tier 1<br>LDT  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-24</a> | LPG                       | --                       | General Motors | SGM7.0C5GAAA                 | Tier 0<br>HDE  | 1993                       |
| 1995 | GFI Controls             | <a href="#">B-16-24</a> | LPG                       | --                       | General        | SGM7.4C5GAEA                 | Tier 0         | 1993                       |

| MY   | Manufacturer        | EO                                 | Fuel | System                                     | Base Make      | Test Group/<br>Engine Family | Class         | Certification<br>Procedure |
|------|---------------------|------------------------------------|------|--|----------------|------------------------------|---------------|----------------------------|
|      |                     |                                    |      |  | Motors         |                              | HDE           |                            |
| 1995 | GFI Controls        | <a href="#">B-16-24</a>            | LPG  | --   | General Motors | SGM5.7C5GAAA                 | Tier 0<br>HDE | 1993                       |
| 1995 | GFI Controls        | <a href="#">B-16-24</a>            | LPG  | --   | Ford           | SFM5.088G0JA                 | Tier 0<br>LDT | 1993                       |
| 1995 | GFI Controls        | <a href="#">B-16-24</a>            | LPG  | --   | Ford           | SFM7.5B8GACA                 | Tier 0<br>HDE | 1993                       |
| 1995 | GFI Controls        | <a href="#">B-16-24</a>            | LPG  | --   | Ford           | SFM7.5B8G1CA                 | Tier 0<br>HDE | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-52</a>             | CNG  | AFE System                                 | General Motors | S3G5.7J5G1EA                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-54<sup>7</sup></a> | CNG  | ADP System                                 | General Motors | S3G5.7J5G1EA                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-54<sup>7</sup></a> | CNG  | ADP System                                 | General Motors | S3G5.7H5G0EA                 | Tier 0<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-54<sup>7</sup></a> | CNG  | ADP System                                 | General Motors | S3G5.7H5G0EA                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-54<sup>7</sup></a> | CNG  | ADP System                                 | Ford           | SFM4.9H8G1JA                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-56</a>             | CNG  | ADP System                                 | General Motors | S3G5.7H5G0EA                 | Tier 0<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-56</a>             | CNG  | ADP System                                 | General Motors | S3G4.3H5G1EA                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-56</a>             | CNG  | ADP System                                 | Ford           | SFM4.9H8G1JA                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-55</a>             | CNG  | AFE System                                 | General Motors | S3G5.785GBEB                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-72</a>             | LPG  | Dedicated;<br>Dual-fuel;<br>ADP System     | Ford           | SFM5.8H8G1EA                 | Tier 1<br>MDV | 1993                       |
| 1995 | IMPCO Technologies  | <a href="#">B-4-72</a>             | LPG  | Dedicated;<br>Dual-fuel;<br>ADP System     | Ford           | SFM4.9H8G1JA                 | Tier 1<br>MDV | 1993                       |
| 1995 | Mesa Environmental  | <a href="#">B-34-16</a>            | CNG  | Dedicated;<br>Dual-fuel;<br>GEM TBI System | General Motors | SGM5.7C5GAAA                 | MDE/<br>HDE   | 1993                       |
| 1995 | Mesa Environmental  | <a href="#">B-34-8</a>             | CNG  | Dedicated;<br>GEM MPI System               | Ford           | SFM7.5B8GACA                 | MDE           | 1993                       |
| 1995 | Mesa Environmental  | <a href="#">B-34-8</a>             | CNG  | Dedicated;<br>GEM MPI System               | Ford           | SFM7.5B8G1CA                 | MDE           | 1993                       |
| 1995 | Baytech Corporation | <a href="#">B-41-3</a>             | CNG  | --   | General Motors | SGM5.7C5GAAA                 | Tier 0<br>HDE | 1993                       |
| 1995 | Baytech Corporation | <a href="#">B-41-3</a>             | CNG  | --   | General Motors | S3G5.7J5G1EA                 | Tier 1<br>MDV | 1993                       |
| 1995 | Baytech Corporation | <a href="#">B-41-3</a>             | CNG  | --   | General Motors | S3G4.315GEEA                 | Tier 1<br>LDT | 1993                       |
| 1995 | OHG                 | <a href="#">B-13-9</a>             | LPG  | Dedicated;<br>Dual-Fuel<br>--              | General Motors | S3G4.3H5G1EA                 | Tier 1<br>MDV | 1993                       |
| 1995 | OHG                 | <a href="#">B-13-9</a>             | LPG  | Dedicated;<br>Dual-Fuel                    | General Motors | S3G4.329GFHB                 | Tier 1<br>LDT | 1993                       |
| 1995 | OHG                 | <a href="#">B-13-9</a>             | LPG  | Dedicated;<br>Dual-Fuel                    | General Motors | S3G5.7H5G0EA                 | Tier 0<br>LDT | 1993                       |
| 1995 | OHG                 | <a href="#">B-13-9</a>             | LPG  | Dedicated;<br>Dual-Fuel                    | General Motors | S3G5.785GBEB                 | Tier 1<br>MDV | 1993                       |

| MY   | Manufacturer                | EO                      | Fuel                      | System                       | Base Make         | Test Group/<br>Engine Family | Class             | Certification<br>Procedure |
|------|-----------------------------|-------------------------|---------------------------|------------------------------|-------------------|------------------------------|-------------------|----------------------------|
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | SGM7.0C5GAAA                 | Tier 0<br>HDE     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | SGM7.4C5GAEA                 | Tier 0<br>HDE     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | S3G4.325GEEA                 | Tier 1<br>LDT     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | Ford              | SFM5.8H8G1EA                 | Tier 1<br>MDV     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | Ford              | SFM5.8J8G1EB                 | Tier 1<br>MDV     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | Ford              | SFM7.5C8GARA                 | Tier 0<br>HDE     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | Ford              | SFM7.5C8GACA                 | Tier 0<br>HDE     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | Ford              | SFM5.8B8GACA                 | Tier 0<br>HDE     | 1993                       |
| 1995 | OHG                         | <a href="#">B-13-9</a>  | LPG                       | Dedicated;<br>Dual-Fuel      | Chrysler          | SCR360J8G1FA                 | Tier 1<br>MDV     | 1993                       |
|      |                             |                         |                           |                              |                   |                              |                   |                            |
| 1994 | GFI Controls                | <a href="#">B-16-16</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM4.988GOJA                 | Tier 0<br>MDV     | 1994                       |
| 1994 | GFI Controls                | <a href="#">B-16-18</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM4.988GAJA                 | AB 965<br>LDT     | 1994                       |
| 1994 | Clean Air Partners          | <a href="#">B-40-2</a>  | CNG                       | Dedicated                    | General<br>Motors | RGM4.3C5GAAA                 | HDE               | 1994                       |
| 1994 | OHG                         | <a href="#">B-13-10</a> | LPG                       | Dedicated;<br>Dual-Fuel<br>- | General<br>Motors | R3G4.325G1EA                 | Tier 1<br>LDT     | 1994                       |
| 1994 | IMPCO<br>Technologies       | <a href="#">B-4-67</a>  | LPG                       | Dedicated                    | General<br>Motors | RGM7.0C5GAAA                 | HDE               | 1994                       |
| 1994 | Power Systems<br>Associates | <a href="#">B-49-2</a>  | CNG/Diesel;<br>LGN/Diesel | Bi-fuel                      | Caterpillar       | RCP629EZDARA                 | HDE               | 1994                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Chrysler          | RCR3.3V8GFEA                 | Tier 1 PC         | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Chrysler          | RCR5.288GAEA                 | AB 965<br>LDT     | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Chrysler          | RCR36088GOEA                 | Tier 0<br>LDT/MDV | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM3.0V8G1EA                 | Tier 1 PC         | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM3.018G1EA                 | Tier 1<br>LDT     | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM3.8V8G1GA                 | Tier 1 PC         | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM4.018G1EA                 | Tier 1<br>LDT     | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM5.888GOJA                 | Tier 0<br>MDV     | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | Ford              | RFM7.5B8GACA                 | HDE               | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | R1G2.2V7GEEA                 | Tier 1 PC         | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | R1G3.1V8GFEA                 | Tier 1 PC         | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | R3G4.375GAEA                 | Tier 0<br>LDT     | 1993                       |
| 1994 | General Motors              | <a href="#">B-88</a>    | EV                        | Dedicated                    | Varied            | YGMXT04.3188                 | PC/LDT            | 2001                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | R3G4.385GAEB                 | Tier 0<br>LDT/MDV | 1993                       |
| 1994 | GFI Controls                | <a href="#">B-16-10</a> | CNG                       | Dedicated;<br>Dual-Fuel      | General<br>Motors | R3G4.385GAEA                 | Tier 0<br>LDT/MDV | 1993                       |

| MY   | Manufacturer          | EO                      | Fuel | System                  | Base Make         | Test Group/<br>Engine Family | Class             | Certification<br>Procedure |
|------|-----------------------|-------------------------|------|-------------------------|-------------------|------------------------------|-------------------|----------------------------|
| 1994 | GFI Controls          | <a href="#">B-16-10</a> | CNG  | Dedicated;<br>Dual-Fuel | General<br>Motors | R3G5.725G1EA                 | Tier 1<br>LDT     | 1993                       |
| 1994 | GFI Controls          | <a href="#">B-16-10</a> | CNG  | Dedicated;<br>Dual-Fuel | General<br>Motors | R3G5.785GAEB                 | Tier 0<br>MDV     | 1993                       |
| 1994 | GFI Controls          | <a href="#">B-16-10</a> | CNG  | Dedicated;<br>Dual-Fuel | General<br>Motors | RGM7.0C5GAAA                 | HDE               | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | Ford              | RFM3.8V8G1GA                 | Tier 1 PC         | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | Ford              | RFM4.988GAJA                 | AB 965<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | Ford              | RFM4.988GOJA                 | Tier 0<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | Ford              | RFM5.888GOJA                 | Tier 0<br>MDV     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | General<br>Motors | R3G4.385GAEA                 | Tier 0<br>LDT/MDV | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | General<br>Motors | R3G4.385GAEB                 | Tier 0<br>LDT/MDV | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | General<br>Motors | R3G4.375GAEA                 | Tier 0<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | General<br>Motors | R3G5.725G1EA                 | Tier 1<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | General<br>Motors | R3G5.785GAEB                 | Tier 0<br>MDV     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-48</a>  | CNG  | ADP<br>System           | General<br>Motors | RGM5.7C5GAAA                 | HDE               | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | Ford              | RFM4.988GOJA                 | Tier 0<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | Ford              | RFM5.888GOJA                 | Tier 0<br>MDV     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | Ford              | RFM4.988GAJA                 | AB 965<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | Ford              | RFM3.8V8G1GA                 | Tier 1 PC         | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | General<br>Motors | R3G4.385GAEA                 | Tier 0<br>LDT/MDV | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | General<br>Motors | R3G4.385GAEB                 | Tier 0<br>LDT/MDV | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | General<br>Motors | R3G4.375GAEA                 | Tier 0<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | General<br>Motors | R3G5.725G1EA                 | Tier 1<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | General<br>Motors | R3G5.785GAEB                 | Tier 0<br>MDV     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-49</a>  | LPG  | ADP<br>System           | General<br>Motors | RGM5.7C5GAAA                 | HDE               | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-50</a>  | CNG  | AFE<br>System           | General<br>Motors | R3G5.725G1EA                 | Tier 1<br>LDT     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-50</a>  | CNG  | AFE<br>System           | General<br>Motors | R3G5.785GAEB                 | Tier 0<br>MDV     | 1993                       |
| 1994 | IMPCO<br>Technologies | <a href="#">B-4-50</a>  | CNG  | AFE<br>System           | General<br>Motors | RGM5.7C5GAAA                 | HDE               | 1993                       |
| 1994 | OHG                   | <a href="#">B-13-8</a>  | LPG  | Dedicated;<br>Dual-Fuel | Chrysler          | RCR36088GOEA                 | Tier 0<br>LDT/MDV | 1993                       |
| 1994 | OHG                   | <a href="#">B-13-8</a>  | LPG  | Dedicated;<br>Dual-Fuel | Ford              | RFM5.888GOJA                 | Tier 0<br>MDV     | 1993                       |
| 1994 | OHG                   | <a href="#">B-13-8</a>  | LPG  | Dedicated;<br>Dual-Fuel | General<br>Motors | R3G5.785GAEB                 | Tier 0<br>MDV     | 1993                       |
| 1994 | OHG                   | <a href="#">B-13-8</a>  | LPG  | Dedicated;<br>Dual-Fuel | General<br>Motors | RGM7.0C5GAAA                 | HDE               | 1993                       |
| 1994 | OHG                   | <a href="#">B-13-8</a>  | LPG  | Dedicated;<br>Dual-Fuel | General<br>Motors | RGM7.4C5GAEA                 | HDE               | 1993                       |



| MY | Manufacturer | EO | Fuel | System | Base Make | Test Group/<br>Engine Family | Class | Certification<br>Procedure |
|----|--------------|----|------|--------|-----------|------------------------------|-------|----------------------------|
|    |              |    |      |        |           |                              |       |                            |

Certification Procedures:

1993 - "California Exhaust Emission Standards and Test Procedures for Systems Designed to Convert Motor Vehicles Certified for 1993 and Earlier Model Years to Use Liquefied Petroleum Gas or Compressed Natural Gas Fuels"

1994 - "California Certification and Installation Procedures for Alternative Fuel Retrofit Systems for Motor Vehicles Certified for 1994 through 2003 Model Years and for 1994 through 2003 Model Year Motor Vehicle Retrofit Systems Certified for Emission Reduction Credit"

2004 - "California Certification and Installation Procedures for Alternative Fuel Retrofit Systems for On-Road Motor Vehicles and Engines"

### Notes:

- 1 Rescinded; see Clean Air Power EO B-57-8.
- 2 Rescinded; see Clean Air Power EO B-57-9.
- 3 Rescinded; see Clean Air Power EO B-57-10.
- 4 Rescinded; see Clean Air Power EO B-57-5.
- 5 Rescinded; see Clean Air Power EO B-57-6.
- 6 Rescinded; see Clean Air Power EO B-57-7.
- 7 Superseded by B-4-56.

Nomenclature: PC - Passenger Car, LDT - Light-Duty Truck, MDV - Medium-Duty Vehicle,

HDE/MDE - Heavy-Duty or Medium Duty Engine,

LHDD/MHDD/HHDD - Light/Medium/Heavy Heavy-Duty Diesel

Tier 1 - Certified to more stringent emission standards for that model year

Tier 0 - Certified to less stringent standards for that model year

AB 965 - Certified to federal emission standards

Definitions: Dedicated - Operates on only fuel listed

Dual-fuel - Operates on alternative fuel listed or gasoline separately

Bi-fuel - Operates on alternative fuel listed and diesel simultaneously