

## LIEBHERR CRANES, INC.

**EXECUTIVE ORDER N-2017-100-07** New On-Road Heavy-Duty Motor Vehicles Equipped With Exempt Engines

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC) Division 26, Part 5, Chapter 2;

Pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order G-02-003; and

Pursuant to the authority vested in the Executive Officer by Title 13, California Code of Regulations, (13 CCR) Section 1956.8(f)(1);

WHEREAS the engine required to propel the listed vehicle(s) is not available for sale in California for on-road use in the specified power rating;

IT IS ORDERED AND RESOLVED: That the motor vehicle(s) produced by the manufacturer with a gross vehicle weight rating (GVWR) over 14,000 pounds is/are authorized to use the engine described below.

| ENGINE<br>MANUFACTURER  |                              |                               | * = not applicable                    |                           |                     |  |   |
|-------------------------|------------------------------|-------------------------------|---------------------------------------|---------------------------|---------------------|--|---|
| ENGINE<br>MODEL<br>YEAR | ENGINE<br>EXECUTIVE<br>ORDER | ENGINE FAMILY NAME (or MODEL) | ENGINE'S<br>INTENDED<br>SERVICE CLASS | ENGINE<br>SIZE<br>(liter) | ENGINE<br>FUEL TYPE | ENGINE<br>RATED<br>POWER<br>(horsepower) | ENGINE'S<br>EXHAUST EMISSION CONTROL<br>SYSTEMS & SPECIAL FEATURES  |
| 2017                    | U-R-018-0156                 | HLHAL16.2VQC                  | Off-Road                              | 16.2                      | Diesel              | 610                                      | Electronic Direct Injection, Turbocharger, Charge Air Cooler, Electronic Control Module, Selective Catalytic Reduction-Urea, Ammonia Oxidation Catalyst, DEF Quality Sensor |

BE IT FURTHER RESOLVED: That this Executive Order is limited to the vehicles listed below:

| NUMBER<br>OF<br>VEHICLES | VEHICLE TYPE                        | VEHICLE<br>MAKE & MODEL              | VEHICLE<br>SERIAL NUMBER | ENGINE<br>MODEL | ENGINE<br>SERIAL NUMBER | EQUIPMENT<br>SERIAL NUMBER |
|--------------------------|-------------------------------------|--------------------------------------|--------------------------|-----------------|-------------------------|----------------------------|
| 1                        | Mobile Crane<br>(All Terrain Crane) | LIEBHERR<br>LTM 1400-7.1<br>(610 hp) | WLFA70BZ2JEZZ0031        | D9508 A7-04     | 2017 14 0646            | 072380                     |

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

Executed at El Monte, California on this 28 day of December 2017.

Annette Hebert, Chief

Mobile Source Operations Division