MANITOWOC CRANES

EXECUTIVE ORDER N-2013-100-04 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 MANUFACTURER | | | * = not applicable | | | | |
|-------------------------|------------------------------|----------------------------------|---------------------------------------|---------------------------|---------------------|--|---|
| ENGINE MODEL YEAR | ENGINE EXECUTIVE ORDER | ENGINE FAMILY NAME (or MODEL) | ENGINE'S INTENDED SERVICE CLASS | ENGINE SIZE (liter) | ENGINE FUEL TYPE | ENGINE RATED POWER (horsepower) | ENGINE'S EXHAUST EMISSION CONTROL SYSTEMS & SPECIAL FEATURES |
| 2010 | U-R-002-0527-1 | ACEXL019.AAD | Off-Road | 19.0 | Diesel | 535 | Turbocharger Charge Air Cooler Direct Diesel Injection Engine Control Module |

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

| NUMBER OF VEHICLES | VEHICLE TYPE | VEHICLE MAKE & MODEL | VEHICLE SERIAL NUMBER | ENGINE MODEL | ENGINE SERIAL NUMBER | EQUIPMENT SERIAL NUMBER |
|--------------------------|-------------------------------------|---------------------------------------|--------------------------|-----------------|-------------------------|----------------------------|
| 1 | Mobile Crane (All Terrain Crane) | Manitowoc GMK5220/5275 (535 hp) | 476A52202CS003166 | QSX15 | 972 79573910 | 5220 3166 |

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

Executed at El Monte, California on this _____/8 day of January 2013

Annette Hebert, Chief

Mobile Source Operations Division