



CARL MOYER PROGRAM 2021

Cargo Handling Equipment



SOUTH COAST
AIR QUALITY MANAGEMENT
DISTRICT

Cargo Handling Equipment Types

**Rubber-Tired
Gantry (RTG)
Cranes**



Yard Trucks



Any motorized vehicle used to handle cargo delivered by ship, train, or truck, or used for scheduled or routine maintenance activities

Others
(including top/side handlers, reach stackers, forklifts, railcar movers, loaders, dozers, aerial lifts, excavators, etc.)



Applicable Regulation


- Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yards (CHE regulation)
 - Establishes best available control technology (BACT) for new and in-use cargo handling equipment
 - In-Use Yard Truck Fleets
 - All yard trucks should be meeting requirements for Mobile Cargo Handling Equipment at Ports and Intermodal Rail Yard pursuant to Title 13 CCR § 2479, subsection (e)(2)



Funding Requirements

- Project must achieve surplus emission reductions
- Existing equipment must be in compliance with the CHE Regulation
- Equipment utilizing regulatory extensions are not eligible for funding
- Existing engine must be certified by CARB


Project Types



<u>Project Type</u>	<u>Details</u>	<u>Maximum Funding</u>
Engine Repower	Replacement of an in-use engine with a zero-emission power system*	85%
Equipment Replacement	Purchase of new, zero-emission equipment replacing fully functional equipment	80%

*Note: Old engine must be scrapped, unless a case-by-case approval is granted

- Final grant award may be less than the maximum funding levels based on the information in the application and cost-effectiveness limit



Sample Project Types

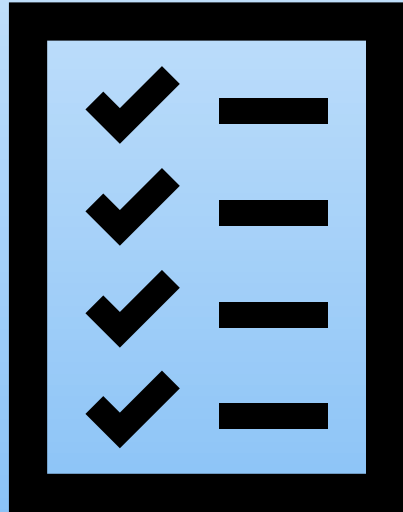
- Zero-emission power/propulsion system
- Replace the existing RTG crane with an electric RTG crane
- Replace the existing RTG crane with a rail-mounted gantry (RMG) crane
- Replace a yard truck with an electric-powered truck

Eligible Project Costs

RTG Crane Electrification Example:

Eligible Costs	Ineligible Costs
<p data-bbox="206 591 970 832">Purchase of a new electric-powered crane or purchase and installation of a zero-emission power system.</p> <p data-bbox="173 876 1003 1179">Costs for equipment modification, infrastructure to supply electrical power, utility construction, and costs to increase the capacity of electrical power to the crane</p>	<p data-bbox="1077 591 1880 958">Design, engineering, consulting, environmental review, legal fees, permits, licenses and associated fees, taxes, metered costs, insurance, operation, maintenance, and repair</p>

Application Reminders



Please include at a minimum:

- Legible picture of equipment serial plate/tag
- Legible picture of engine tag
- Fleet Compliance
- Usage history (i.e., hour meter readings)

APPLICATION DEADLINE

TUESDAY June 1, 2021 AT 1PM

APPLY ONLINE:

<https://carlmoyeronline.aqmd.gov/>

Contact Information



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