



CARL MOYER PROGRAM 2023

CARGO HANDLING EQUIPMENT



SOUTH COAST

AIR QUALITY MANAGEMENT DISTRICT

Cargo Handling Equipment Types

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



Rubber-Tired Gantry (RTG) Cranes



Yard Trucks



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 engines must be certified by CARB

Project Types and Maximum Funding

<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

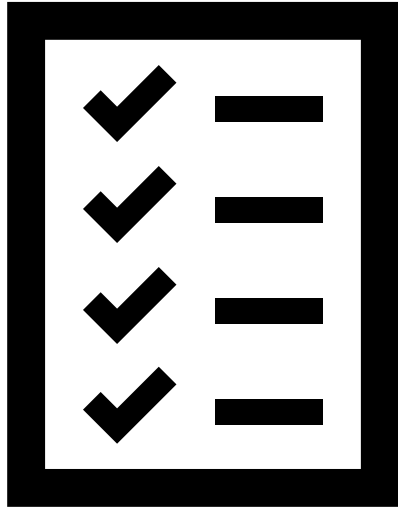
- ▶ Zero-emission power/propulsion system
- ▶ Replace the existing RTG crane with an electric RTG crane
- ▶ Replace the existing RTG crane with a rail-mounted gantry (RMG) crane
- ▶ Replace a yard truck with an electric-powered truck

Eligible Project Costs

RTG Crane Electrification Example:

Eligible Costs	Ineligible Costs
<p>Purchase of a new electric-powered crane or purchase and installation of a zero-emission power system.</p> <p>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>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
- Usage history (i.e., hour meter readings)
- Proof of ownership

APPLICATION DEADLINE

TUESDAY May 9, 2023
at 11:59 PM

APPLY ONLINE:
South Coast AQMD
Grant Management System at
www.gms.aqmd.gov

Contact Information

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