

**SAN JOAQUIN VALLEY**  
**AIR POLLUTION CONTROL DISTRICT****ZERO-EMISSION FORKLIFT PROGRAM****Program Guidelines**

The San Joaquin Valley Air Pollution Control District (District) is currently accepting applications requesting monetary incentives to replace existing Large Spark Ignition (LSI) forklifts with zero-emission, battery electric replacement forklifts, according to the terms and conditions described in these guidelines. Funds are provided on a first come, first served basis and applicants must obtain approval and have a signed, executed contract from the District prior to the purchase or transfer of any equipment. Any equipment purchased or transferred prior to contract execution is ineligible as this is not a rebate program. For additional information, assistance or to receive program materials, please contact:

San Joaquin Valley Air Pollution Control District  
Strategies and Incentives Department  
1990 East Gettysburg Avenue  
Fresno, CA 93726-0244

You may also contact us by phone, e-mail, or visit our website at:

(559) 230-5800  
grants@valleyair.org  
[www.valleyair.org/grants](http://www.valleyair.org/grants)



## I. Funding

Projects will be funded on a first come, first serve basis and submittal of application does not guarantee funding. Applicants must have a signed, executed contract from the District prior to purchase and installation of new equipment.

### A. Incentive amounts will be calculated at a maximum of 80% of the eligible costs of the new forklift

1. The state's Carl Moyer Program cost-effectiveness limit (\$/ton of emissions reduced) is used to determine the maximum funding amount for each project. Therefore, based on cost-effectiveness, the maximum funding amount for an individual project may be less than 80%.

B. In the event that the program is substantially over-subscribed, the District reserves the right to limit funding to \$500,000.00 per entity, per calendar year.

C. Forklift charging infrastructure is not an eligible cost under this program, However, funding for charging infrastructure may be available through the District's Clean Vehicle Fueling Infrastructure Program. Information on this program can be found at <https://ww2.valleyair.org/grants/clean-vehicle-fueling-infrastructure-program/>

## II. General Requirements

A. Co-funding, or stacking, with other local, State and Federal funding programs may be allowed on a case-by-case basis. If co-funding is approved for your project, the total amount funded between all local, State and Federal funding programs shall not exceed 85% of the total eligible costs, with a minimum 15% applicant cost-share. Please contact program staff for more information on potential co-funding opportunities.

B. Applicants must be in compliance with the California Air Resources Board's (CARB) LSI Fleet Regulation and have either met the final Fleet Average Emission Level (FAEL) for fleets of 4 or more forklifts, or be exempt from the regulation, as follows:

1. Pre-1990 forklifts.
2. Forklifts used exclusively in fields to harvest and maintain crops.
3. Small fleets (one to three forklifts)

C. Applicants must submit information to the District regarding fleet size and compliance status, and certify that the fleet list is accurate and complete.

D. Zero or low-emission equipment is currently required for worker safety in the following industries and therefore **these projects are not eligible for funding: food retail stores, cold storage, and confined space operations (such as freezers).**

E. Due to the regulatory requirements for rental and lease equipment subject to the LSI Fleet Regulation, **equipment that are part of a rented or leased fleet are not eligible.**

F. Projects in which two old vehicles of similar design and function are replaced with one vehicle will be considered on a case-by-case basis.

G. No funds will be issued for maintenance or repairs related to the operation of the existing or new equipment.



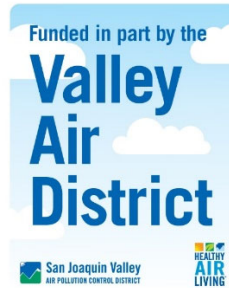
### III. Existing (Old) Forklift Requirements

- A. Be mobile, self-propelled, off-road (not certified for on-road use), in-use equipment with an LSI engine greater than or equal to 25 horsepower and an engine displacement of **greater than** one liter.
  - 1. LSI engines greater than 25 horsepower with a displacement of **less than** or equal to one liter may be eligible for funding on a case-by-case basis.
  - 2. Diesel-powered forklifts used in agricultural operations are not eligible under this program but may be eligible for replacement through the Agricultural Tractor Replacement Program. Information on this program can be found on the District website at <https://ww2.valleyair.org/grants/tractor-replacement-program/>
- B. Been owned and operated in California for the previous two (2) years. The applicant must submit supporting documentation as outlined in section VII below. (see page 5).
- C. Be in operational condition at the time of application submission **and** District inspections. The applicant must submit documentation demonstrating that the old equipment has been in operational condition for the previous year (see page 5).
- D. Must be destroyed or rendered permanently inoperable in accordance with program guidelines after the replacement equipment is placed into operation. Destruction of the old equipment must be performed by a participating dismantler contracted with the District.

### IV. New Forklift Requirements:

- A. Be mobile, self-propelled, and be certified by CARB as emitting zero emissions.
  - 1. Zero-Emission forklifts emit zero tailpipe emissions from its onboard source of power, (such as battery electric or hydrogen fuel cell vehicles)
- B. Be domiciled within the boundaries of the District
- C. Must serve the same function and perform the same work equivalent as the existing equipment.
- D. Must have an electric motor rated at greater than 19 kW (25 horsepower equivalent).
  - 1. New electric motors that are rated less than 19 kW are eligible for funding provided it can serve the same function and perform the same work as equipment with a 25 horsepower or greater engine that it is replacing.
- E. Have a horsepower rating no greater than 125% of the original manufacturer rated horsepower (baseline horsepower) for the old equipment engine.
  - 1. If the replacement equipment is not available in the old equipment horsepower range, the District may approve a greater than 125% increase in horsepower on a case-by-case basis.
  - 2. In such cases, the eligible funding amount will be based on a horsepower rating not to exceed 125% of the baseline horsepower, or the cost of a motor/equipment whose horsepower is no higher than 125% of the existing engine horsepower.
- C. Have an operating hour meter to record annual usage in hours.
- D. Applicant agrees to attach a “Funded in part by the Valley Air District” sticker to the side panel of the replacement equipment (sticker will be provided and attached by a District inspector)

during the post-inspection prior to incentive reimbursement). Funding will not be dispersed if the aforementioned sticker is not attached and clearly visible for the post-inspection pictures. See below for a picture of the 4" x 5" sticker.



## V. Equipment Ineligible for Funding

- A. Equipment currently receiving funding to be replaced under any other local, state, or federal programs.
- B. Equipment that is NOT self-propelled such as pallet jacks, and self-propelled “lifts” such as scissor lifts or similar.
- C. Replacement equipment powered by compression ignition (diesel) or LSI engines.
- D. Additional attachments that are not normally sold with the original equipment, as determined by the District.

## VI. Applicant Requirements

- A. **Not make purchase, make payments toward, and/or take possession of the replacement equipment prior to receiving a fully executed contract from the District.**
- B. Remain the owner of the replacement equipment through the full term of the agreement.
  - 1. If the replacement equipment is sold during the agreement term, the new owner of the equipment must assume the agreement obligations with the District and comply with the terms and conditions outlined in the original agreement. The District must approve the equipment ownership change prior to sale.
- C. Maintain the replacement equipment in accordance with manufacturer specifications.
  - 1. The applicant takes sole responsibility for ensuring that the engine and/or equipment is/are in operational condition throughout the agreement period.
- D. Maintain replacement value insurance for the replacement equipment through the full term of the agreement.
- E. Operate at least seventy-five percent (75%) of the replacement equipment’s annual hours within California and fifty percent (50%) within District boundaries (see page 8).
- F. Ensure a minimum of a one-year or 1,600 hours powertrain warranty for the replacement equipment.
  - 1. Warranty must cover parts and labor

2. Optional or Extended warranty/service contract are not eligible for funding.
- G. Ensure the old equipment is destroyed or rendered permanently inoperable. Destruction must be performed by a participating dismantler, contracted with the District.
- H. Submit annual useage reports to the District through the full term of the agreement.
- I. Install and maintain an operational hour meter on the replacement equipment. Future annual hours of equipment operation for determining emission reductions must be based only on readings from an installed and fully operational hour meter.
  1. The cost of an hour meter is eligible for incentive funding and should be included in the quoted price if the equipment does not have a functioning meter at the time of the project
  2. If during the project life, the hour meter fails for any reason, the hour meter must be repaired or replaced as soon as possible at the owner’s cost.

**VII. Documentation**

Category	Required Documents
<b>Ownership</b>	<p>The applicant must provide ONE of the items from the following list showing ownership of the old equipment for the previous two (2) years (24 months):</p> <ul style="list-style-type: none"> <li>• Bill of Sale for the existing (old) equipment is preferred</li> <li>• Tax depreciation logs</li> <li>• Property tax records</li> <li>• Equipment insurance records</li> <li>• Bank appraisals for the equipment</li> <li>• Maintenance/service records</li> <li>• General ledgers</li> <li>• Fuel records specific to the existing equipment that identify equipment owner</li> <li>• Other documentation approved by the District and CARB on a case-by-case basis</li> </ul>
<b>Annual Usage</b>	<p>The applicant must provide ONE of the items from the following items showing operational status of the old equipment for the previous one (1) year (12 months):</p> <ul style="list-style-type: none"> <li>• Revenue and usage records that identify operation, standby, and down hours for the existing equipment.</li> <li>• Routine inspections which document the operating condition of the existing equipment (OSHA of workplace required)</li> <li>• Employee timesheets linked to specific equipment use</li> <li>• Repair work orders specific to the equipment</li> <li>• Other documentation approved by the District and CARB on a case-by-case basis</li> </ul>
<b>Compliance</b>	<p>Applicants must submit their printout from the applicable reporting system (DOORS) to allow for verification of fleet size and compliance status. For the DOORS system, the printout should show the following information:</p> <ul style="list-style-type: none"> <li>• DOORS ID of the fleet.</li> <li>• DOORS EIN of the existing equipment.</li> <li>• Fleet size information (total horsepower)</li> </ul>

## VIII. Inspection Requirements

Phase	Timing	Requirements
<b>Pre-Inspection</b>	After application submittal and prior to contract offer	District will contact applicant to schedule pre-inspection of existing equipment. Inspection will include photos of the forklift(s) for documentation of the operational condition & to verify the specifications.
<b>Post Old - Inspection</b>	After delivery of old equipment to dismantler	District will perform the inspection of the old equipment at the dismantling facility to verify the correct equipment was received by the dismantler & document proper destruction of the equipment.
<b>Post New - Inspection</b>	After delivery of new equipment to applicant	District will contact applicant to schedule an inspection of the new equipment. Inspection will include photos of the new forklift(s) for documentation of the operational condition & verify specifications.

## IX. Project Process

### Phase 1 - Application Submission and Approval

Phase 1 Steps	Description
<b>Application Submission</b>	Submit an application to the District via either email, standard mail, fax, or hand delivery.
<b>Supporting Documentation</b>	Submit, along with the application, support documentation outlined in section VII Documentation of these guidelines.
<b>Pre-Inspection</b>	Performed by District staff, pictures taken, and equipment information verified.
<b>Staff Review and Assessment</b>	<ul style="list-style-type: none"> <li>Supporting documentation and pre-inspection reviewed for eligibility determination.</li> <li>Emission reduction and incentive calculation performed</li> <li>Additional documentation is requested, if needed</li> </ul>
<b>Project Approval and Offer</b>	If deemed eligible, draft contract offer sent to the applicant to review, sign and return to the District.

### Phase 2 – Contract Execution

Phase 2 Steps	Description
<b>Signature</b>	Applicants sign the draft contract and return to the District for final signatures and contract execution
<b>Order/Purchase &amp; Dismantle</b>	Upon receipt of the Executed Contract: <ul style="list-style-type: none"> <li>Participate places order for or makes purchase of the new forklift.</li> <li>Within 30 days of the new forklift invoice date the old forklift must be delivered to a certified dismantler.</li> </ul>
<b>Contract Expiration</b>	The Applicant will have one (1) year from the date of contract execution to purchase/take delivery of the new forklift and surrender the old forklift to an approved program dismantler.

**Phase 3 – Reimbursement**

Phase 3 Steps	Description
<b>Claim For Payment Packet Submission</b>	Upon delivery of the new forklift and delivery of the old forklift to a certified dismantler, applicant submits a Claim Packet to the District via either email, standard mail, fax, or hand delivery.
<b>Documentation</b>	A complete Claim for Payment packet will include, but is not limited to: <ul style="list-style-type: none"> <li>• Signed Claim for Payment form (provided by District)</li> <li>• Old Forklift Status Form (provided by the District)</li> <li>• Final Invoice from dealership</li> <li>• Proof of Insurance</li> <li>• Proof of Payment</li> <li>• Copy of Warranty</li> </ul>
<b>Inspections</b>	Upon receipt of the Claim for Payment, District staff will schedule an appointment to perform the following inspections (see section VIII of these guidelines for detailed description): <ul style="list-style-type: none"> <li>• Post Inspection of new forklift at the applicant’s facility</li> <li>• Dismantle of old forklift at the certified dismantler’s facility</li> </ul>
<b>Staff Review &amp; Assessment</b>	Supporting documentation & post-inspections reviewed for eligibility. Additional documentation is requested if needed
<b>Payment</b>	Payment will be issued within sixty (60) working days of a completed post-inspection and upon receipt of a complete claim for payment packet. <ul style="list-style-type: none"> <li>• Payment not to exceed 80% of total eligible costs.</li> <li>• Payment is issued in the form of a check directly to the applicant.</li> </ul>

**X. Map of the San Joaquin Valley Air Pollution Control District Boundaries**

