

## **Goods Movement Program Equipment Project Scrap Requirements**

The local agency shall ensure that old equipment is scrapped (permanently removed from service) and associated materials disposed of in an environmentally acceptable manner, in accordance with these Guidelines and any applicable federal, state or local laws, regulations or requirements.

Scraping operations and material disposal applies to the following:

- Truck engine repowers and truck replacement projects
- Harbor craft engine repowers and vessel replacement projects, and
- Locomotive engine repowers and new replacement projects

Local agencies shall be responsible for implementing procedures for collecting all necessary information prior to scrap/disposal activities (e.g. during the pre-inspection). All information collected and recorded must be readily accessible to verify that scrap and disposal procedures were conducted for the appropriate engine, vehicle, vessel or locomotive. Documentation shall be available to ARB, or its designee to support ongoing program evaluations or audits as necessary.

The following procedures must be implemented for all repower and replacement projects:

- Prior to destruction, old equipment must be in operable working condition as documented in the equipment pre-inspection.
- The old equipment engine block (for repower projects) or vehicle/vessel/locomotive, including the frame and engine (for replacement projects) shall be physically destroyed in such a manner to eliminate the possibility of future operation. Engine blocks shall be punctured, and the vehicle, vessel or locomotive frame structure shall be dismantled, cut and/or demolished to render the equipment useless to prevent repeated use.
- Licensed dismantlers are required to enter into an agreement with the local agency to qualify for participation. Dismantlers are required to be licensed by the Department of Motor Vehicles (DMV) (for auto-dismantlers), and have also have a valid California Environmental Protection Agency (Cal/EPA) Hazardous Materials Generators Permit. In addition, the dismantler must ensure compliance with any federal, state and local material disposal requirements, regulations, permits or requirements.
- Funding is not available for any salvage or material disposal costs, including hazardous waste abatement fees, labor costs, fines, permits, or other charges resulting from destruction or disposal.
- All equipment to be scrapped must have a complete, visible, and legible serial number or a stamp of the Program equipment project number applied at the time of pre-inspection by the local agency inspector.
- The local agency or its designee must obtain digital documentation, see below, to ensure the engine identified in the equipment contract and the pre-inspection is the one that is to be scrapped. This documentation includes specific pictures to be taken before the engine is destroyed as well as photos after the engine is destroyed.

The destruction of any engine without a verifiable serial number or Program equipment project number stamped on the equipment at the time of the equipment pre-inspection does not fulfill the scrappage requirement under this Program.

The local agency must ensure the following additional requirements for each piece of equipment is undertaken:

**Table 3.1 Equipment Project Scrap Requirements**

Source Category	Equipment Project Option	Additional Scrappage Requirements
<b>Trucks Serving Ports and Intermodal Rail Yards</b>  <b>and</b>  <b>Other Heavy Duty Diesel Trucks</b>	Option (1) Retrofit	Not applicable.
	Option (2) Repower	<ul style="list-style-type: none"> <li>• The licensed dismantler must dismantle and destroy the old vehicle's engine and destroy within 60 days of receipt. The engine destruction must be done in accordance with program guidelines.</li> <li>• The local agency or its designee must provide digital photographs, described below, showing the destruction of the old engine. The local agency must receive these photos within 10 business days of the engine being scrapped.</li> <li>• The following digital photos must be taken and labeled for the project file:               <ol style="list-style-type: none"> <li>1. Front of vehicle with hood down.</li> <li>2. Right side of vehicle with hood down.</li> <li>3. Left side of vehicle with hood down.</li> <li>4. Serial number that is printed either on the tag inside in the cab or on the frame rail.</li> <li>5. Engine side view (within and outside of engine compartment).</li> <li>6. Engine serial number either stamped on the block or on the tag.</li> <li>7. Destroyed engine block either inside or outside truck body.</li> </ol> </li> </ul>
	Option (3) Replacement	<p>In addition to the requirements listed above for engine repower projects, replacement projects must also:</p> <ul style="list-style-type: none"> <li>• Cut the old vehicle frame rails to ensure that the vehicle shall not be used again.</li> <li>• Have digital photo documentation to show the old vehicle was dismantled/ destroyed.</li> <li>• The equipment owner must file a VIN hold with DMV, and a "Non-Repairable Vehicle Certificate" with the DMV and submit a copy to the local agency at the time of the post-inspection.</li> </ul>
<b>Other Heavy Duty Diesel Trucks</b>	Option (4) Three-way Truck Transactions	<p>For this equipment project option, Truck B, which is a MY1990 or older heavy duty diesel truck, must:</p> <ul style="list-style-type: none"> <li>• Dismantle and destroy the vehicle's engine in accordance to the scrappage requirements list for this source category, equipment project option (2) repower; and</li> <li>• Follow the scrappage requirements listed above for this source category, equipment project option (3) replacement.</li> </ul>

**Table 3.1 Equipment Project Scrap Requirements (continued)**

Source Category	Equipment Project Option	Additional Scrappage Requirements
Locomotives	Options (1) & (2) Locomotives	<p>(for locomotive engine scrappage)</p> <p>The licensed dismantler must dismantle and destroy the old locomotive engine.</p> <ul style="list-style-type: none"> <li>• The local agency or its designee must provide digital photographs, described below, showing the destruction of the old locomotive engine. The local agency must receive these photos within 10 business days of the engine being scrapped.</li> <li>• The following digital picture views must be taken and stored appropriately for later identification in record files:               <ol style="list-style-type: none"> <li>1. Locomotive DOT certification or equivalent tag(s).</li> <li>2. Engine side view (within or outside of engine compartment).</li> <li>3. Engine serial number either stamped on the block or on the tag.</li> <li>4. Destroyed engine block.</li> </ol> </li> </ul> <p>(For locomotive replacements subject to scrappage)</p> <ul style="list-style-type: none"> <li>• The licensed dismantler must dismantle and destroy the locomotive engine within 60 days of receipt of the old locomotive engine.</li> <li>• The local agency or its designee must provide digital photographs, described below, showing the destruction of the old locomotive engine. The local agency must receive these photos within 10 business days of the engine being scrapped.</li> <li>• The following digital picture views must be taken and labeled or catalogued appropriately for later identification in record files:               <ol style="list-style-type: none"> <li>1. Locomotive DOT certification or equivalent tag(s).</li> <li>2. Locomotive views (front, side, rear).</li> <li>3. Serial number printed on the locomotive chassis.</li> <li>4. Engine side view (within or outside of engine compartment).</li> <li>5. Engine serial number either stamped on the block or on the tag.</li> <li>6. Destroyed engine block either (installed or removed from engine housing area).</li> </ol> </li> </ul>

**Table 3.1 Equipment Project Scrap Requirements (continued)**

Source Category	Equipment Project Option	Additional Scrappage Requirements
<b>Harbor Craft</b>	Options (1) & (2) (specific to repower)	<ul style="list-style-type: none"> <li>• The licensed dismantler must dismantle and destroy the old vessel engine within 60 days of receipt. The engine destruction must be done in accordance with program guidelines.</li> <li>• The local agency or its designee must provide digital photographs, described below, showing the destruction of the old vessel engine. The local agency must receive these photos within 10 business days of the engine being scrapped.</li> <li>• The following photos must be taken and labeled for the project file:               <ol style="list-style-type: none"> <li>1. Serial number printed either on the tag inside the marine vessel showing the ID and US Coast Guard registration (if applicable).</li> <li>2. Engine side view (within or outside of engine compartment).</li> <li>3. Engine serial number either stamped on the block or on the tag.</li> <li>4. Destroyed engine block either (installed or removed from engine housing area).</li> <li>5. Marine vessel identification tags and photos taken of the hull and stern of the marine vessel.</li> </ol> </li> </ul>
	Options (1) & (2) (additional requirements for replacements)	<ul style="list-style-type: none"> <li>• In addition to the requirements listed above for harbor craft engine repower projects, replacement vessel projects must also:</li> <li>• The licensed salvage yard must dismantle and destroy the old vessel within 60 days of receipt of the old vessel. The destruction must be done in accordance with these Program Guidelines.</li> <li>• Have photo documentation to show evidence of the old vessel being destroyed.</li> </ul>