Chapter 13: Traffic and Vehicular Safety

Indoor Vehicle Use Requirements

1 Purpose

The purpose of these requirements is to minimize hazards and air pollution due to the use of vehicles use near and inside buildings. They cover all vehicle use near and inside buildings at SLAC. They apply to workers and supervisors.

2 Requirements

Vehicle use near and inside buildings is restricted to specific vehicle types and areas due to indoor air quality concerns and safety considerations, as outlined here. Listed below are buildings and vehicle types for which vehicle use is defined. For information concerning vehicles and buildings not listed below, contact Fleet Services. The vehicle maintenance shop and the riggers shop are exempt from these requirements.

Table 1  Allowed Use in or near Buildings, by Vehicle and Building Type

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Administration and office buildings, laboratories</th>
<th>Industrial buildings and warehouses, Collider Experimental Hall (CEH), End Stations A and B, Interaction Region Halls, Beam Switch Yard (BSY) Entrance</th>
<th>Klystron Gallery, Linac, Positron Electron Project (PEP), SLAC Linear electron-positron Collider (SLC), BSY, Stanford Positron-Electron Asymmetric Ring (SPEAR) Tunnel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal motorized vehicle of any type</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Gasoline and diesel trucks</td>
<td>Loading only</td>
<td>Loading only</td>
<td>No</td>
</tr>
<tr>
<td>Cars, mopeds, and scooters (any fuel)</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Gasoline and liquefied petroleum gas (LPG) forklifts¹</td>
<td>Loading only</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Diesel forklifts¹</td>
<td>Loading only</td>
<td>Yes²</td>
<td>Yes²</td>
</tr>
<tr>
<td>Electric forklifts and carts¹</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
2.1 Additional Requirements

- Before bringing a vehicle into a building, whether listed in Table 1 or not, get a release from the area or building manager. Advance notice will allow time to make necessary arrangements such as temporarily disabling smoke detectors.
- See Chapter 12, “Fire and Life Safety”, for information on keeping entry and exit paths, aisles, and emergency exits clear.
- Carry a type ABC dry-chemical fire extinguisher as indicated in the table.
- Charge electric carts only in well ventilated places such as outdoors, or indoors only under forced-air ventilation.
- Extended operation of any non-electric vehicle in the interior of buildings or tunnels requires carbon monoxide evaluation by the SLAC industrial hygiene program manager.

3 Forms

The following forms and systems are required by these requirements:

- None

4 Recordkeeping

The following recordkeeping requirements apply for these requirements:

- None

5 References

SLAC Environment, Safety, and Health Manual (SLAC-I-720-0A29Z-001)

- Chapter 13, “Traffic and Vehicular Safety”
- Chapter 12, “Fire and Life Safety”