



Department of Housing, Buildings and Construction
Division of Fire Prevention
Hazardous Materials Section
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VEHICLE IMPACT PROTECTION FOR LIQUEFIED PETROLEUM GAS EXCHANGE CAGES

In accordance with the applicable NFPA requirements, the impact protection for liquefied petroleum gas exchange cages shall be provided by posts that comply with the following:

1. Constructed of steel not less than 4 inches (102 mm) in diameter and concrete filled.
2. Spaced not more than 4 feet (1219 mm) between posts on center.
3. Set not less than 3 feet (914 mm) deep in a concrete footing of not less than a 15 inches (381 mm) in diameter.
4. Set with the top of the posts not less than 3 feet (914 mm) above ground.
5. Located not less than 3 feet (914 mm) from the protected object.
6. Physical barriers shall resist a force of 12,000 pounds (53 375 N).

Other approved physical barriers that are designed in accordance with UL 2085 may be approved with the submittal of documentation to the Hazardous Materials Section and approved by the State Fire Marshal before installation.

If you have any questions, please call the Hazardous Materials Section at 502-573-1702.