

Explosive and Flammable Operations

24CFR Part 58

General requirements	Legislation	Regulation
Establish safety standards that can be used as a basis for calculating acceptable separation distances for assisted projects.	Sec.2 Housing and Urban Development Act of 1969 (42 U.S.C. 1441 (a))	24 CFR Part 51 Subpart C

1. Does the project include development, construction, rehabilitation or modernization or conversion? (For modernization and rehabilitation projects, does the work increase residential densities, convert a building for habitation, or make a vacant building habitable?)

- No: STOP here. The project is not subject to 24 CFR Part 51 C. Record your determination in your Environmental Review Record (ERR).
- Yes: PROCEED to #2

2. Are there aboveground storage tanks within 1 mile of the project site more than 100 gallons in size? Are there plans to install such aboveground storage tanks within 1 mile of the project site? (HUD's stated position is that 24 CFR Part 51 C does not apply to storage tanks ancillary to the operation of the assisted 1-4 family residence, for example the home heating or power source. It does apply to all other tanks, including tanks for neighboring 1-4 family residences.)

Maintain documentation supporting your determination in your ERR. Documentation could include a finding by a qualified data source (i.e. Fire Marshall etc...), copies of pictures, maps, and/or internet data.

TIP: You do not have to consider all tanks at all sizes within 1 mile of your project. Screen further by determining the Acceptable Separation Distance for specific tank sizes and using that information to narrow your search. For instance, the maximum ASD for a 100 gallon tank is 115 feet. You do not need to map 100 gallon tanks farther than 115 feet from your project site. Find the list of ASDs by tank size in Appendix F and G here: <http://www.hud.gov/offices/cpd/environment/training/guidebooks/hazfacilities/index.cfm>

- No: STOP here. The project is not subject to 24 CFR Part 51 C. Record your determination that there are no storage tanks within one mile of the project site in your ERR.
- Yes: PROCEED to #3

3. Is the Separation Distance from the project acceptable based on standards in 24 CFR 51 C?

Use the online tool to calculate ASD: <http://www.hud.gov/offices/cpd/environment/asdcalculator.cfm> or use the HUD guidebook, "Siting of HUD-assisted Projects near Hazardous Facilities (HUD-1060-CPD, Sept. 1996)", also available on the web: <http://www.hud.gov/offices/cpd/energyenviron/environment/resources/guidebooks/hazfacilities/index.cfm>

- Yes: STOP here. Include maps and your separation distance calculations in your ERR.
- No: PROCEED to #4

4. With mitigation, can the Separation Distance become acceptable?

- No: PROJECT IS NOT ACCEPTABLE-DO NOT FUND
- Yes: STOP here. Maintain documentation supporting your determination in your ERR. Documentation could include a finding by a qualified data source (i.e., Fire Marshall etc.), copies of pictures, maps, technical calculations and information describing the mitigation measures taken.

DISCLAIMER: This document is intended as a tool to help Region X HUD grantees and HUD staff complete environmental requirements. This document is subject to change. This is not a policy statement. Legislation and Regulations take precedence over any information found in this document.