

## Part 512 - Construction

### Subpart C – Evaluation of Construction Materials

#### UT512.21 Evaluation Procedures

- B. New (not used) materials shall be used for all engineering practices. Exceptions to this policy are listed below.
- (1) Stock water troughs. Used tires may be utilized provided they will meet or exceed the life expectancy of the practice (10 years). Rubber tires used for troughs shall meet the following criteria:
    - (i) The inner liner shall be free of cuts, rips, and holes or appropriately patched.
    - (ii) For tires that have more than one layer of belting, the inner most layer must be intact.
    - (iii) The minimum tire thickness shall be 2.0 inches.
  - (2) Stock water tanks and storage tanks. Used Gas and Oil tanks may be used provided they will meet or exceed the life expectancy of the practice (10 years). The tanks shall meet the following criteria:
    - (i) They shall be free of rust or “cancer” spots and pitting.
    - (ii) They shall be free of oil and gas or other petroleum product residue.
    - (iii) They shall be cleaned out of all debris and soil prior to use.
    - (iv) Gaskets and other parts shall be inspected and replaced if they look cracked and/or worn.
    - (v) The structural integrity of the tank shall be checked based on installation configuration and burial depth.
- D. Use of tire troughs on projects will be approved by the field or area personal with appropriate job approval authority, provided the trough meets the above criteria. Permission for the installation of used tanks must be approved by the Area Engineer or State Conservation Engineer prior to the installation of a conservation practice. Permission for the use of used materials after installation will not be granted.

#### UT512.23 Prequalification of Materials

It will be the practice in Utah not to develop or maintain a State list of prequalified materials.