**Chapter 44 Solvent Extraction**

44.1 General

Solvent extraction plants shall comply with NFPA 36 and Chapter 44.

44.2 Application

44.2.1

Chapter 44 shall apply to the following:

The commercial scale extraction processing of animal and vegetable oils and fats by the use of Class I flammable hydrocarbon liquids, hereinafter referred to as "solvents" [36:1.1.1]

Any equipment and buildings that are located within 100 ft (30 m) of the extraction process [36:1.1.2]

The unloading, storage, and handling of solvents, regardless of distance from the extraction process [36:1.1.3]

The means by which material to be extracted is conveyed from the preparation process to the extraction process [36:1.1.4]

The means by which extracted desolventized solids and oil oils are conveyed from the extraction process [36:1.1.5]

Preparation and meal finishing processes that are connected by conveyor to the extraction process, regardless of intervening distance [36:1.1.6]

Chapter 44 shall not apply to the following:

The storage of raw materials or finished products [36:1.1.7]

Extraction processes that use liquids that are miscible with water [36:1.1.8]

Extraction processes that use flammable gases, liquefied petroleum gases, or nonflammable gases [36:1.1.9]

44.3 Permits

Permits, where required, shall comply with Section 1.12.

44.4 Special Requirements

The use of processes that employ oxygen-active compounds that are heat or shock sensitive, such as certain organic peroxides, shall be prohibited within the area defined in 44.2.1(2). [36:1.1.10]