

NFPA 654

Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids

2006 Edition

Reference: 2.2.1

F.I. 82-1

Question 1: Based on NFPA 654, 2.2.1, reference to “areas in which combustible dusts are processed or handled shall be segregated, separated or detached in such a manner as to minimize damage to other portions of the plant . . .,” is it the Code’s intent that separation be provided between such an area and another portion of the facility which also processes or handles combustible dust?

Answer: No.

Question 2: More specifically, in a deoiling processing operation a slurry of combustible dust in a hydrocarbon oil passes through a vertical process train. Four identical trains are present alongside each other in a building within fifteen to twenty feet of each other. Is it the intent of 2.2.1 that each train be considered “another portion” of the plant or another “dust explosion hazard” and thus require separation from the other trains?

Answer: No.

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