

Part 642 – Specifications

Chapter 3 – National Standard Material Specifications

Material Specification 593—Lime

A. Scope

This material specification covers the quality of hydrated lime used in the treatment of clayey soils.

B. Quality

- (1) Hydrated lime—Hydrated lime shall meet the following requirements when tested in accordance with ASTM C25 or AASHTO T 219:
 - (i) Minimum available lime, reported as $\text{Ca(OH)}_2 = 90$ percent.
 - (ii) Maximum carbon dioxide (as-received basis) = 7 percent.
- (2) The physical gradation of hydrated lime when tested in accordance with ASTM C110 shall meet the requirements of ASTM C977.