

CH402 CHEMICAL ENGINEERING PROCESS DESIGN

Lesson 15: Cost Components of Capital Investments

Read: Pages 239-258

Problems: 6-3, 6-4 (Problem Set 7)

Objectives (Cadets will be able to):

1. Use cost components to estimate capital costs for chemical processing facilities.
2. Estimate capital costs using Lang factors.

Definitions:

Percentage of delivered equipment method, percentage of fixed capital investment method, free on board (F.O.B.), direct costs, indirect costs, fixed capital investment, working capital, total capital investment, Lang factors.

Cadet Notes: