UNIT V

REPAIR METHODS FOR MATERIAL HANDLING EQUIPMENTS

MATERIAL HANDLING EQUIPMENTS

1. Need for Material Handling Equipments
2. Maintenance of Material Handling Equipments
3. Maintenance Strategies for Hoist And Cranes

   a. Portable cranes b. Overhead cranes

   i. Maintenance Strategies for Hoist And Cranes

      a. Inspection b. Repair c. Overhaul

   ii. Maintenance Strategies for Conveyors

   iii. Stages of Preventive Maintenance for Conveyors

      a. Inspection b. Repair c. Overhaul

4.Typical Scheduled Conveyor Maintenance Plan

5. Typical Scheduled Lift Maintenance Plan

6.Maintenance Strategies of Material Handling Equipments

i.Hand Trucks and Carts ii.Wheels iii.Check Jacks

7.Important Points in Maintenance of MHE

8.Systems Approach to Maintenance

Work Order Planning and Scheduling

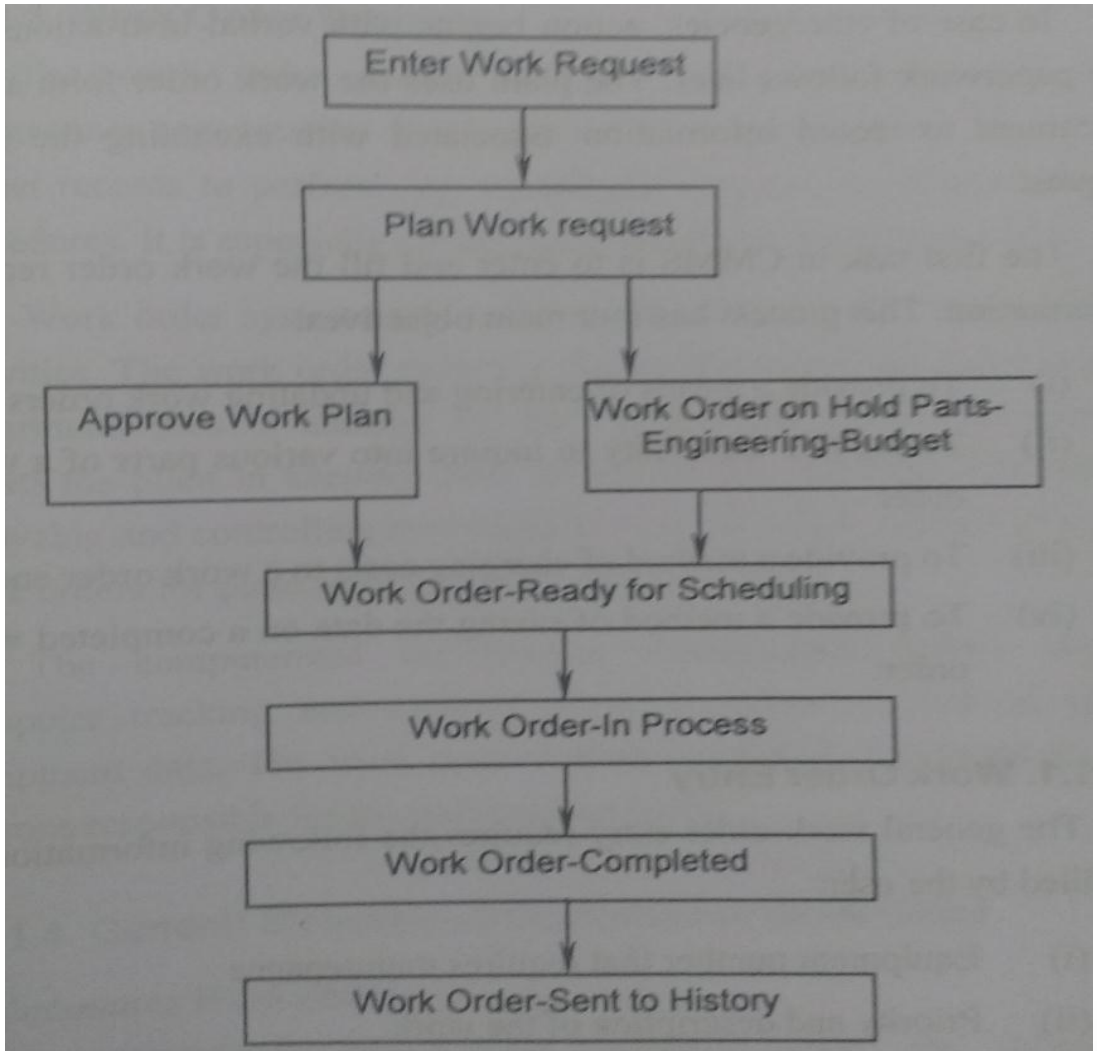


Figure 5.3 Work order flow diagram

Work Permit System

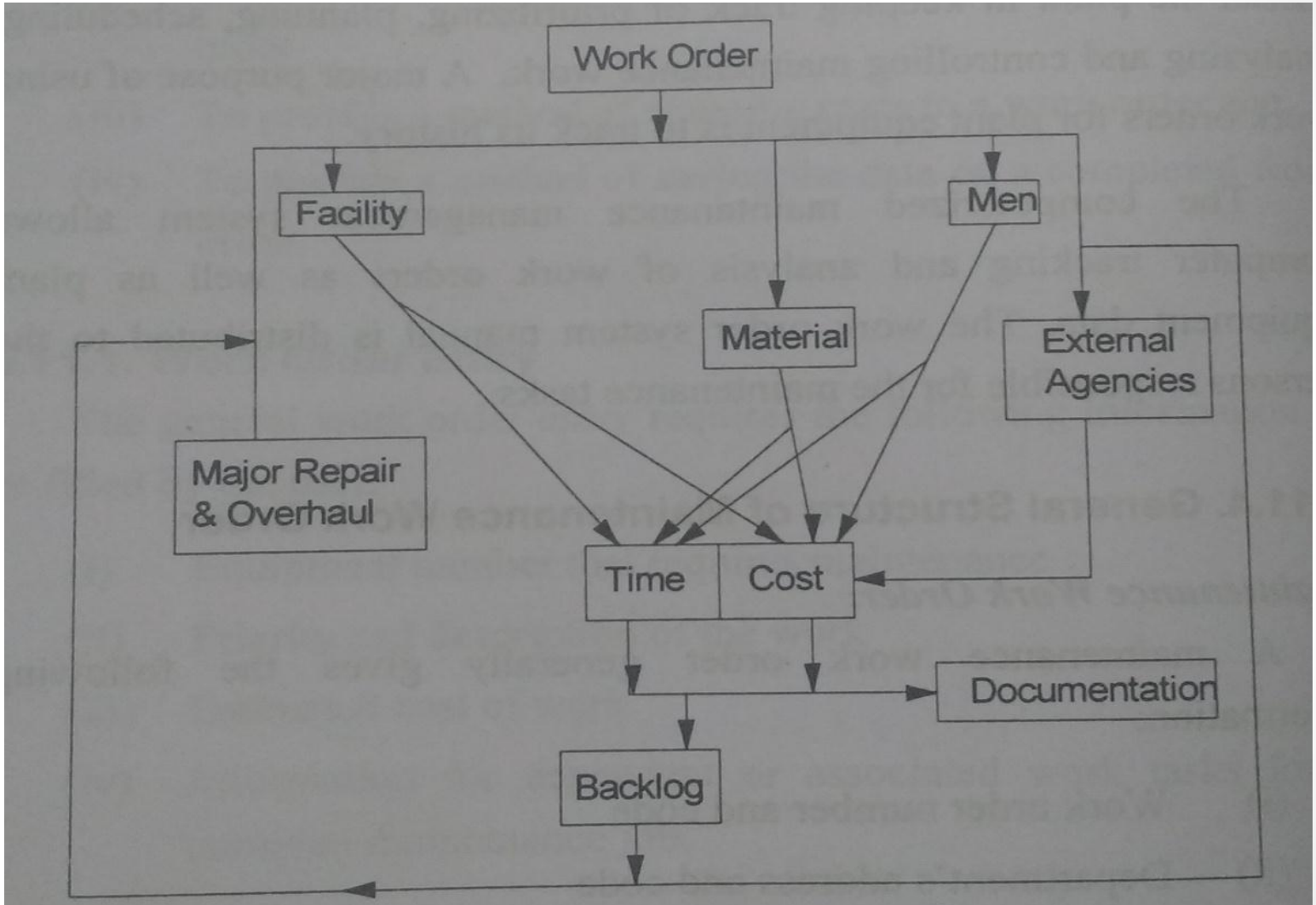
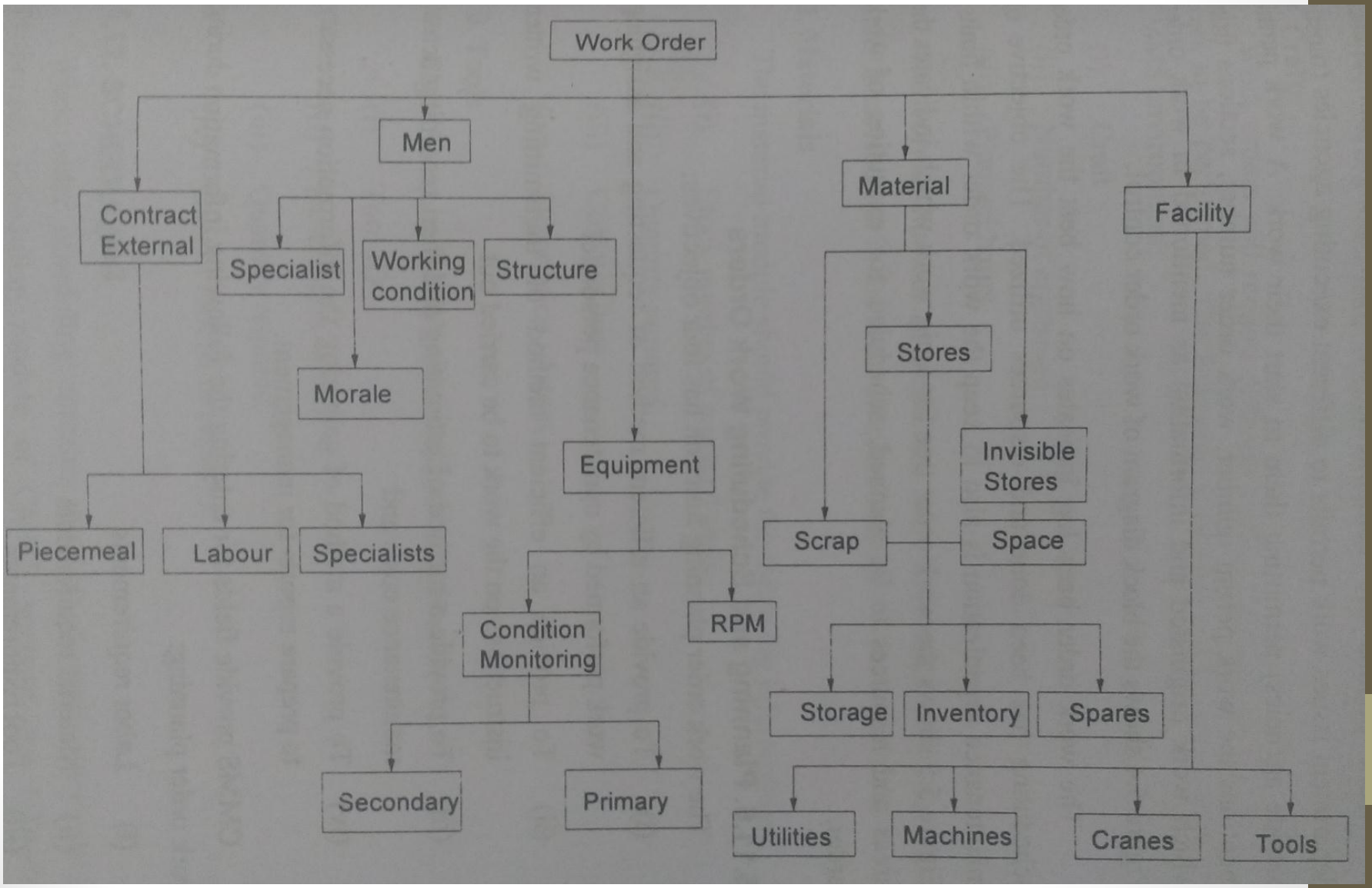
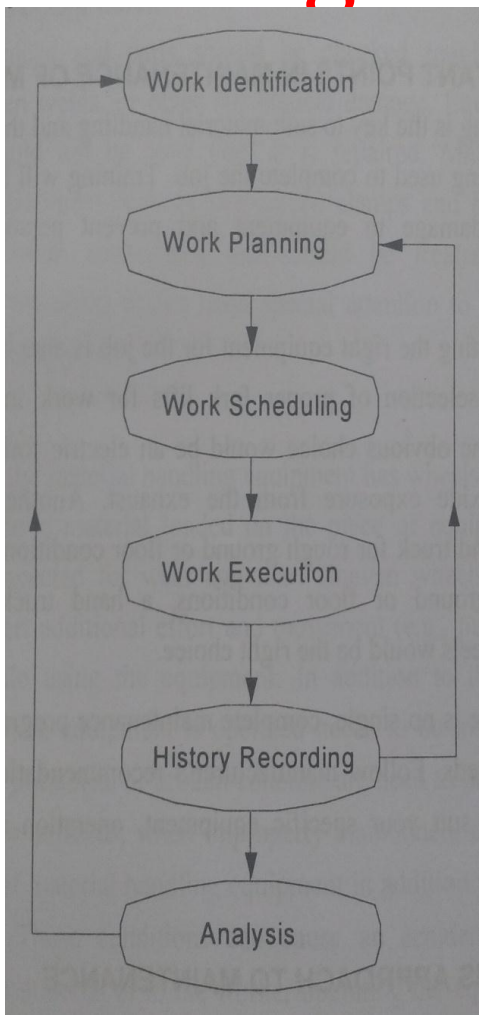


Figure 5.4 Block diagram of work order control

Work Order Tree



Six Phases OF Good Maintenance Management



Computerization of Maintenance System

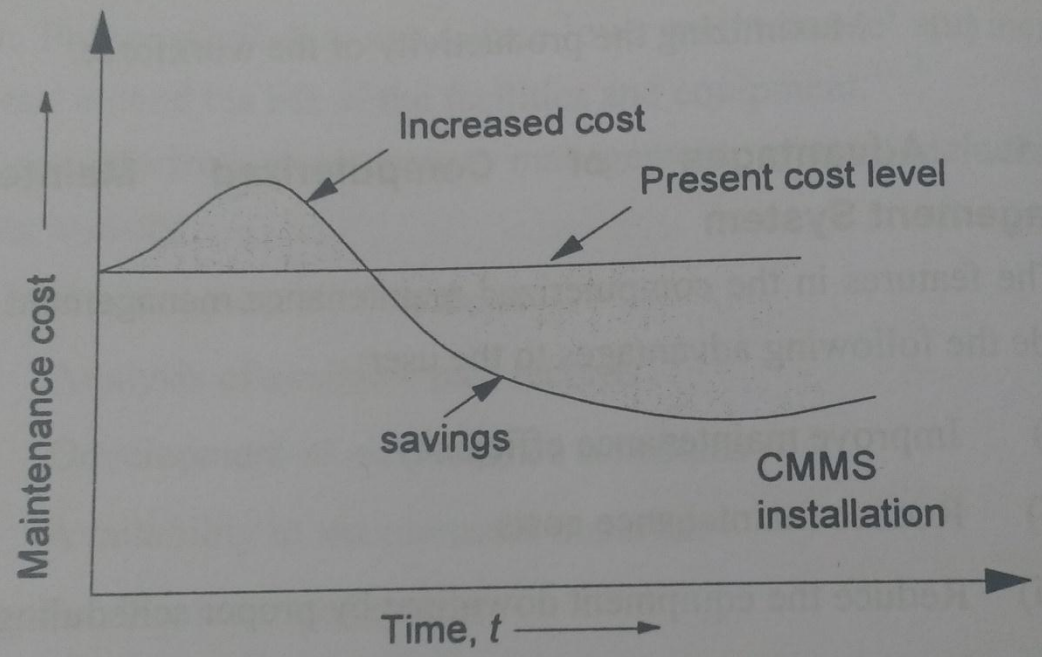


Figure 5.2 Overall reduction of maintenance costs after the introduction of a computerized maintenance management system (CMMS)

ME6012 MAINTENANCE ENGINEERING

Syllabus Completed

Thank You

All The Best