

A-Z COPPER ORE LEACHING SHORT COURSE OUTLINE

Part A Leachability of minerals, review of commercial processes, developments and trends:

- Leachability of copper minerals and importance of gangue minerals.
- Chemistry of oxide and sulphide copper minerals.
- Commercially applied leaching processes.
- Process outline, history and status.
- Developments and trends.

Part B Leaching of copper sulphide concentrates:

- Background.
- Processes applied commercially.
- Processes operated at demonstration plant scale.
- Processes operated at pilot plant scale.
- Other process developments.
- Trends.
- Postscript.

Part C Agitated leaching of oxide ores:

- Background.
- Typical Commercial Operations.
- Typical Flowsheets.
- Testwork, Scale-up and Equipment Sizing.
- Design Criteria.
- Layout
- Industry Trends.

Part D Heap Leaching:

- Background.
- Typical Commercial Operations.
- Typical Flowsheets.
- Testwork, Scale-up and Equipment Sizing.
- Design Criteria.
- Layout.
- Industry Trends.