

- Physical considerations in site selection
- Plant location
- Industrial buildings
- Industrial flooring
- Planning and plant layout
- Contracts and specifications
- Finance for the plant engineer
- Industrial boilers
- Combustion equipment
- Oil
- Gas
- Liquefied petroleum gas
- Steam utilization
- Heating
- Ventilation
- Air conditioning
- Water and effluents
- Pumps and pumping
- Cooling towers
- Electricity generation
- Electrical distribution and installation
- Electrical instrumentation
- Lighting
- Compressed air systems
- Noise and vibration
- Air pollution
- Dust and fume control
- Insulation
- Economizers
- Heat exchanges
- Corrosion
- Paint coatings for the plant engineer
- Maintenance
- Energy conservation
- Insurance: plant and equipment
- Insurance: buildings and risks
- Health and safety
- Education and training
- Lubrication