Welding and Cutting

Chapter 34

Gas Welding and Oxygen Cutting 948
Welding and cutting gases Compressed gas cylinders
Handling cylinders Storing cylinders Using cylinders
Manifolds Distribution piping Portable outlet headers
Regulators . Hose and hose connections Torches
Powder cutting

Resistance Welding 957
Type Power supply Cables Electrodes and holders
Machine installation

Arc Welding and Cutting 960
Power supply Voltages Cables Electrodes and holders
Automatic and semiautomatic welding Protection against
electric shock Gas-shielded arc welding

Other Welding and Cutting Processes 966

Common Hazards 966
Light rays Fire protection Floors and combustible materials
Hazardous locations Drums, tanks, and closed containers

Personal Protection 969
Respiratory protection Eye protection Protective clothing

Training in Safe Practices 974

References 974