

Chemical Etch Course (Macro-Etching) Level 3 (5 Days)

COURSE OUTLINE

1. Atomic Structure & Bonding
 - * Crystal Structures
 - * Equilibrium Diagrams
2. Electrochemistry
 - * Electrolysis
3. Heat Treatment and Properties Of
 - * Carbon and Alloy Steels
 - * Stainless Steels
 - * Non-Ferrous Metals
 - * Nickel Alloys
 - * Superalloy
 - * Aluminum Alloys
 - * Titanium Alloys
4. Use Of Chemical Etching
 - * Macro and Micro –Etching
 - * Etching Procedures
5. Etching Materials
 - * Etching Chemicals
 - * Etching Solutions
 - * Etching Solutions
 - * Process Controls
6. Health and Safety for Handling Chemicals