

CHEMICAL PROCESSING - ANODIZING OPERATOR

ABOUT THE COURSE

The two-day Chemical Processing - Anodizing Operator course provides the Process Operators with the information necessary to improve their skills and competencies in the aerospace workforce. After an introduction on Chemical Processing, the Instructor covers the topics below:

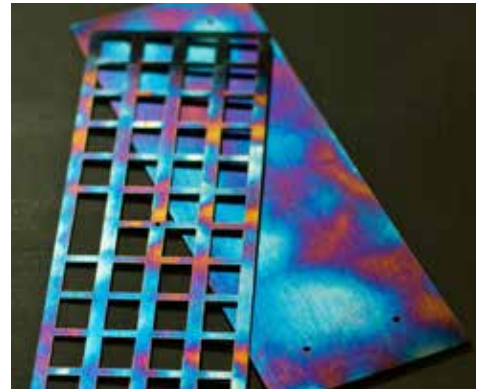
Anodizing Overview, going through the basic structure and the exothermic nature with particular reference to the role of solutions, temperature, current, voltage & time.

Basics of anodizing aluminum & its alloys with an introduction to MIL-A8625 & its derivatives, including reference to anodic etch inspection, blue etch anodizing and phosphoric acid anodizing.

Preparation for Chemical Processing via general handling, pre-cleaning, masking, and jigging, including choice of jig.

Special process applications with aluminum pre-treatment, conversion coating - chromating, chromic acid anodizing, sulfuric acid anodizing of aluminum & titanium hard anodizing of aluminum, anodized aluminum post treatments, and anodizing inspection.

This course also includes an overview of process control (analysis of solutions, calibration of instruments and key periodic tests), specific documentation reviews, as well as an interactive evaluation after each training day.



Course Objectives

- Improve the anodizing operator work performance, process efficiency and final product quality
- Provide basic knowledge of the necessity for chemical processes and the range available
- Facilitate the understanding of different anodizing and related processes

Process Owner

Process Operators understand and perform the basic hands-on operations of the special process.

Next Steps

- Go to www.PRI-Training.com
- Email PRI-Training@p-r-i.org
- Call +1 724 772 8645 (Americas), +44 870 350 5011 (Europe) or +86 10 6461 9807 (Asia)