

LABORATORY ACTIVITIES

- Tank Analysis with Volumetric Analysis
- Rinse Water Control (pH, conductivity and TDS)
- Weight Loss "ASTM B 137, ISO 2106"
- Coating Thickness "ASTM B 244 and with micrometer"
- Corrosion Resistance Test "ASTM B 117, BS EN ISO 9227"
- Abrasion Resistance Test "ASTM D4060"
- Etching and Abrasion Resistance "According to customer needs"
- Paint Adhesion and Wet Adhesion Tests "FED-STD-141"
- Viscosity Calculations for Mixture Paint "According to customer needs"
- Copper Sulphate Test "MIL-STD-753, AMS 2700"
- Paints and Varnishes, Bend Test "ISO 6860"
- Coating Thickness with X-RAY "ISO 3497"
- Inspection and image analysis for precious metal coatings, with Microscope

NADCAP APPROVED LABORATORY ACTIVITIES

AC7108/4 Rev B - Nadcap Audit Criteria for Solution Analysis and Testing in Support of Chemical Processing to AC7108

- Solution Analysis In Support of AC7108 Testing Performed Internally In Support of the Chemical Process Accreditation
- Salt Spray Testing In Support of AC7108
- Taber Wear Testing In Support of AC7108 Adhesion Testing (Adhesion Tape Testing) In Support of AC7108
- Coating Weight Testing In Support of AC7108
- Conductivity Testing In Support of AC7108
- Coating Thickness Measurement In Support of AC7108
- Copper Testing In Support of AC7108

CUSTOMER APPROVALS



OUR CERTIFICATES



Chemical Processing certificate from NADCAP



Accreditation Aerospace Quality System (AC7004) certificate from NADCAP



Quality Management Systems (ISO 9001-2015) certificate from ISO



Environmental Management Systems (ISO 14001-2015) certificate from ISO



Quality Management Systems



Facility Security Clearance Certificate

GET IN TOUCH

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ENDÜSTRİ TEKNİK SURFACE TREATMENT

Let EST finish it!



YOUR QUALITY ASSISTANCE IN SURFACE TREATMENT.

WHO

WE

ARE

ABOUT US

- In 2007, our coating activity in Endüstri Teknik started with the application of Dry Film Lubricants to metal surfaces.
- In 2010, the scope was expanded with Wet painting, Alodine and Phosphate coatings.
- In 2011, ISO 9001 certificate was obtained. Passivation, Anodizing line and Laboratory were established.
- In 2013, NADCAP 'Aerospace and Chemical Processing' certificate and Turkish Defense Industry companies received their approvals.
- In 2014, Tin, Copper, Nickel and Zinc lines were established.
- In 2015 EST Surface Treatment became an independent company.
- In 2018, Gold and Silver coatings were established and the number of processes have been 20.
- In 2019, the number of employees reached 50 and the number of customers reached 300. Production traceability was realized with Canias Production planning program.
- In 2020, We qualified for AS9100 and Facility Security certifications. We have been granted government support to turn our anodizing line into automation.



OUR SERVICES

Anodizing



- Type I- Chromic Acid Anodizing
- Type II- Sulfuric Acid Anodizing
- Type III- Hard Anodizing



Chemical Conversion and Coating



- Chemical Conversion Coatings on Aluminium
 - Yellow Chromate
 - White Chromate
- Stainless Steel Passivation
- Black Oxide Coating
- Passivation for Magnesium Alloys
- Phosphate Coating
 - Zinc Phosphate
 - Manganese Phosphate

Wet Painting



- Epoxy Based Paint
- Polyurethane Based Paints
- Special Paints
- Acrylic Based Paint
- Water Based Paints
- Ceramic Based Paints "Cerakote"

OUR SERVICES

Plating



- Electrodeposited Copper Plating
- Nickel Plating
 - Electrodeposition of Nickel
 - Electroless Nickel
- Gold Plating / Gold Electroplating
- Silver Plating / Silver Electroplating
- Electrodeposited Coatings of Tin
- Electrodeposited Zinc Coating
 - Yellow Zinc Coating
 - Blue Zinc Coating
 - Black Zinc Coating

Dry Film Lubricant Coating "Technocoat"



Ceracoat Coatings



Masking



Laser Marking

