

# TIN, COPPER, NICKEL, ZINC & CADMIUM ANODES... for the Electroplating & Surface Finishing Industry

## NATHAN TROTTER PLATING ANODES



### GENERAL DESCRIPTION

Nathan Trotter & Company, Inc. manufactures a wide high variety of high purity anodes for electroplating and surface finishing. NT Anodes are engineered and produced using 100% virgin metals and certified to meet established industry standards as well as specific customer specifications. All NT anodes are produced under rigid quality measures to insure our customers receive a quality anode that is consistent each and every order.

### QUALITY ASSURANCE

Consistent purity levels and strict adherence to our customer's product specifications are among our top priorities. We have our own in-house analytical capability and provide a certificate of analysis with each one of our shipments. Nathan Trotter has been ISO 9001:2008 registered since 1997.

### LEAD TIME & DELIVERY

Lead time for most anode orders is less than one week. To meet the needs of smaller customers and accommodate rush orders, we maintain an inventory of standard shapes which can be cut to length and promptly shipped.

### NT HIGH PURITY ANODE PRODUCTS

- **Tin**- Stars, Ovals, Bars, Balls, Chunks/Nuggets
- **Tin/Lead**- Stars, Ovals, Bars, Balls, Chunks/Nuggets
- **Tin/Zinc**- Flat-Tops, Chunks
- **Nickel**- S Rounds, R Rounds, Squares, Pellets
- **Lead & Chrome Anodes**- Ripple Round, Solid Smooth
- **SHG Zinc**- 2" Balls, Flat Bars, V-Bars
- **Copper (Phos & OFHC)**- Balls, Chunks, Bars, Ovals
- **Cadmium**- 2" Balls, Cast Bars
- **Silver**- Bars, Shot, Cones
- **Brass**- 2" Balls, Bars
- **Stannous Sulfate**- Crystal Form
- **Tin Chemicals & Powders**

### TYPICAL ANALYSIS OF NT HIGH PURITY ANODES

ELEMENT	GRADE A TIN ANODES	NT OFHC-CU ANODES	INCO NICKEL S ROUNDS	SHG ZINC ANODES
Tin- Sn	99.95 min	<0.001	<0.005	<0.001
Lead- Pb	<0.0143	<0.002	<0.0003	<0.003
Antimony- Sb	<0.0195	<0.001	<0.005	<0.001
Copper- Cu	<0.0042	99.96 min	<0.001	<0.002
Zinc- Zn	<0.0004	<0.001	<0.0003	99.94 min
Iron- Fe	<0.0011	<0.002	<0.0004	<0.003
Aluminum- Al	<0.0004	<0.001	<0.001	<0.002
Arsenic- As	<0.0009	<0.001	<0.001	<0.001
Cadmium- Cd	<0.0002	<0.001	<0.001	<0.003
Bismuth- Bi	<0.0019	<0.001	<0.001	<0.001
Silver- Ag	<0.0002	<0.001	<0.001	<0.001
Nickel + Cobalt	<0.0001	<0.001	99.97 min	<0.001
Sulfur- S	<0.0001	<0.003	0.023 min	<0.0001

### STANDARD ANODE SHAPES & SIZES

#### Rectangle

- 1" x 4" x length
- 1" x 3" x length

#### Ovals

- 1.5" x 3" x length

#### D-Shaped

- 2" x 4" x length

#### Stars

- 3" Diameter x length
- 12 Point & 16 Point

#### Basket Anodes

- Balls- 1/2", 3/4", 7/8", 1", 1 5/8", 2" Diameters
- Nuggets/Chunks- 3/4", 1"
- Slugs- 1/4", 1/2"
- Shot- 3/8" x down
- Mossy Tin

### NT CAN RECYCLE ALL OF YOUR ANODE SCRAP

Nathan Trotter offers an anode buy-back schedule which enables our customers to sell back any scrap anode butts. We offer our customers fair and reasonable market values in addition to prompt settlements or credits.

**NATHAN TROTTER IS ISO 9001 : 2008 REGISTERED**

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Non-Ferrous Metals

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