



SAI SAKSHI
PLATERS

SAI ANAND ELECTRO PLATERS
Quality Electroplating Works
AN ISO 9001:2015 Certified Company




Gujarat Pollution Control Board

THE COMPANY

Welcome To Sai Sakshi Platers

Established in the year 2000, Sai Sakshi Platers are Providing of PVD & NCVD Coating, Nickel Plating, Chrome Plating, Tin Plating, Silver Plating, Copper Plating, Bronze Plating, Electroless Nickel Plating (ENP), Electro Polishing (EP), Hardchrome Plating.

We are supported by an avant-garde infrastructural department that is well-fitted with modern machines & technologies.

About Us

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We are supported by an avant-garde infrastructural department that is well-fitted with modern machines & technologies. In order to execute business operations very perfectly, we have segregated our infrastructure facility into assorted units like manufacturing, quality control, R&D and warehousing & packaging. Supported by our team of highly talented personnel, our state of the art infrastructural department makes us capable to undertake bulk & urgent orders of the customers & complete those in an efficient way within pre-defined time period.

Our Vision

Sai Sakshi Platers is committed to consistent development. Thereby building a stable, global institution - with the resources to deliver the products as per customer's requirements. We offer unparalleled value to create customer delight and enhance business productivity.

Our Mission

Striving to be a leader in our field by making innovative products with superior quality, collaborating with customers to reduce costs and build basis for mutual collaboration, and intensifying our efforts towards ongoing financial stability and profitability.

Our Team

In today's competitive world, we enjoy a privileged position due to the hard work and dedicated efforts of our team members. These professionals work in sync with each other in order to come up with exclusive Plating and Polishing. We recruit these professionals on the basis of their educational competence, knowledge level and domain expertise.

Our professionals are familiar with the functioning of machinery installed at our infrastructure, which helps us fulfill bulk needs of the clients. With the help of our professionals.



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Manufacturing Capabilities

Processes controlled by Timers, Hooters, Ampere Meters, Temperature Controllers etc.

Semi automated and PLC based lines avoid human intervention

Large tank size of accommodate large sized components.

Quality Assurance

Chemical Analysis for maintaining standard baths

Ageing Test (Non-destructive)

Beta Scope by Fischer (Non-destructive)

XRF by Fischer (Non-destructive)

Thickness Test (Destructive)

Adhesion Test (Steel rod)

Tape Test for adhesion



Some of the MNC most trusted and reputed companies rely on Sai Anand Electro Platers silver electroplating services and Other Plating Services for their most critical applications.

Our relationships with these customers span over several decades, alongside transformations in their ownerships or brands, changing teams, and evolving sourcing strategies.

Key Clients

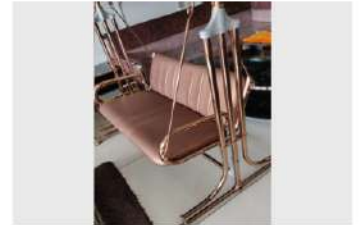
- | | |
|-------------------------------|--------------------------|
| ★ Inductotherm india Pvt Ltd. | ★ Citizen Metalloys Ltd. |
| ★ Comfit Values Pvt Ltd. | ★ Stelmec Ltd. |
| ★ Swati Switch Gears Ltd. | ★ Automate Controls |
| ★ Ratnamani Tubes Ltd. | ★ Ventil Values Pvt Ltd. |

PVD & NCVD Coating

Chemical vapor deposition (CVD) coating services with hard and film coating. Utilizes CVD reactor with 1925 degrees F temperature. Works with materials including titanium nitride and titanium carbide. Suitable for manufacturing applications such as wear-resistant coating, carbide milling and turning inserts, wear components, and plastic processing tools. Provides de-coating services.

Physical vacuum deposition (PVD) services for polished mold surface, medical component, decorative film, tribological, and wear applications. Offers sputtering, evaporation, lubricating, and abrasion resistant capabilities. Works with coating materials such as titanium nitride, titanium carbo-nitride, and zirconium nitride. Provides density, micro-cracking elimination, and electrolytic and electro-less plating post-processes.

Available Plating
Gold Plating
Rose Gold Plating
Black Plating



Nickel Plating

We provide a wide range of nickel plating that is carried out using latest methodologies. Nickel plating is carried out by experienced professionals that ensure quality at par with international standards.



Chrome Plating

Our Chrome Plating are preferred by a number of customers, operational in a variety of industries such as automobile industries, aircraft components manufacturing and so forth. We provide these services using the highest quality raw material available in the industry. In addition we also employ latest technology and state of the art machinery to yield durable nature of plating to the products being used. Customers can specify their particular requirements and the type of electroplating desired for the items. Acclaimed for durability this electroplating is a valuable feature that enhance the overall product quality of the item. Our versatile team of professionals can cater with the exact needs of our customers and provide the relevant electroplating services within the stipulated time frame. Besides this we also make sure that the rendered services are in compliance with the industry standards and provide optimum product utility.



Tin Plating

We have gained huge recognition for our Tin Plating services. Our engineers use authentic and unadulterated plating chemical for the process of electrolysis that is a most common method used for plating metal onto a substrate. Tin plating is used to safeguard both ferrous and non ferrous surfaces. In this process, plating metal undergoes reduction to the plating bath. The plating is so perfectly executed that the resultant finish is of excellent quality.



Silver Plating

We offer our clients premium grade Silver Plating services that is used to enhance the durability of the various metal tools, equipment and components. There is a team of highly experienced professionals, who use latest methodologies and sophisticated machines to perform the plating work. They make sure that plating is applied uniformly over the surface, which is also checked by a team of quality analysts.



Copper Plating

We are ranked amongst the renowned organizations that are engaged to provide Copper Plating. Offered plating services are executed by our highly skilled professionals using quality-approved tools and techniques. Our adept professionals properly examine all the parameters associated to the offered plating services and render them in the best possible manner. In addition to this, offered plating services are performed as per the client's specific requirements with respect to their budgetary constraints.



Bronze Plating

Backed by a team of experienced engineers, we hold specialization in rendering our Bronze Plating services. This process involves the application of Bronze layer over metal surface. This layer acts as a sacrificial anode and prevents the oxidation of the metal. These Bronze plated products find their application in automobile industry and textile industry.



Electroless Nickel Plating (ENP)

With immense expertise and knowledge in this domain, we have come up with a best-in-class Electroless Nickel Plating. This service is an auto-catalytic reaction used for coating of nickel on a substrate. Our offered service is rendered with maximum patrons' satisfaction and perfection. Our adept professionals who have wide experience in their domain strive hard to meet the expectation of the clients by offering techniques based service.



Electro Polishing (EP)

We are engaged in offering superior quality Electropolishing Service to our valuable clients. In this service, we render the best electropolishing job work to our clients without any hassle. The offered service is carried out by our diligent professionals using the superior quality material and the sophisticated techniques. This service can be availed by our valuable clients at pocket- friendly prices from us within promised time span.



Hardchrome Plating

We are a reputed organization offering Hard Chrome Plating Service to a variety of industries. Catering with the needs of our esteemed clients we offer these services with minute attention to detail. Useful in enhancing the overall appearance and utility of the products chrome electroplating improves and prolongs the durability of an item. This plating is provided by our talented electroplating processing team using the latest and the most advanced equipment available in the industry. This facilitates most functional use of the items, on which the electroplating is being done by way of imparting maximum resistance to corrosion. We take complete note of the desires of our customers and can provide effective solutions for addressing their business related necessities in the most effective way. Clients have always found our services highly reliable and up to the mark and depended on us for their needs since a long period of time.





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PROCES CYCLE FOR (ALKALINE) TIN PLATING ON BRASS / COPPER.

1, Soak Cleaning SURFOLIN U-25 (When We Makeup)

Conc :- 60-100 G / L

Temp :-60-80 C

Time (Process Time) 3-5 Mins.

2, Dm Water Rinse

3, Dm Water Rinse

4, Cathodic Cleaning SURFOLIN U-25

Conc :-60 G / L

Temp :-Room

Time (Process Time) 2-5 mins.

5, Dm Water Rinse

6, Dm Water Rinse

7, Tin Salt (Alkaline Solution)Pre Dip

8, (Lumex ti system) Tin Plating

Stannous Sulphate :- 35 G /L

Sulphuric Acid :-100 MI / L

Lumex Tin Carrier :- 40 MI / L

Lumex Tin Brightner :- 4 MI / L

Time :- 10 Mins / 5 Microns

9, Dm Water Rinse

10, Water Rinse

11, Altek Passival 80 (Post Dip Neutralizing)

12, Hot Water Rinse

13, Dry.



PROCES CYCLE FOR Silver PLATING ON BRASS / COPPER.

- | | | | |
|------------------------------|------------------------------------|-----------------------------|----------------|
| 1. Mechanical Polish | | 14. Dm Water Rinse | |
| 2. Solvent Degrease | | 15. Dm Water Rinse | |
| 3. Soak Cleaning SK 80 | :- 80 G / L | 16. 2 % Sulphuric Acide Dip | |
| Teamperature | :- 50 / 65 C | 17. Dm Water Rinse | |
| Time | :- 5 / 10 Min. | 18. Dm Water Rinse | |
| 4. Dm Water Rinse | | 19. Antitarnish dip | :- AG 300 |
| 5. Dm Water Rinse | | Concn | :- 4 G / L |
| 6. Cathodic Cleaning | | Teamperature | :- 40 / 55 C |
| BC 538 | :-60 G / L | Time | :- 3 / 5 Min. |
| Teamperature | :- 40 / 55 C | 20. AG Post Dip | :-10-20 ml / L |
| Time | :- 1 / 2 Min. | Teamperature | :- Room |
| 7. Dm Water Rinse | | Time | :- 3 / 5 Sec. |
| 8. Dm Water Rinse | | 21. Dm Water Rinse | |
| 9. 0.3 % Sulphuric Acide Dip | | 22. Dm Water Rinse | |
| 10. Dm Water Rinse | | 23. Hot Dm Water Rinse | |
| 11. Dm Water Rinse | | 24. Dry And Inspection | |
| 12. Strike Silver | | | |
| Strike Silver Salt | :-100 G / L | | |
| Time | :- 5 Min. | | |
| 13. Bright Silver | | | |
| Bright Silver Salt | :- 200 G / L | | |
| Brightner | :- 20-30 ml / L | | |
| Carrier Additive | :- 10-15 ,ml / L | | |
| Time | :- Depending on thickness Required | | |



PROCES CYCLE FOR Silver PLATING ON Aluminum

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|------------------------------------|--|--------------------------------|
| 1. Mechanical Polish | 12. Strip Zincate in Nitric Acid | 23. Dm Water Rinse |
| 2. Solvent Degrease | Concn :- 30% | 24. Dm Water Rinse |
| 3. Soak Cleaning Al 43 :- 50 G / L | Temperature :- Room Temp | 25. 2 % Sulphuric Acide Dip |
| Teamperature :- 50 / 60 C | Time :- 1 Min . | 26. Dm Water Rinse |
| Time :- 5 / 10 Min. | 13.Dm Water Rinse | 27. Dm Water Rinse |
| 4. Dm Water Rinse | 14.Dm Water Rinse | 28. Antitarnish dip :- AG 300 |
| 5. Dm Water Rinse | 15. Re Immersed In Alufix MV (Zincate) | Concn :- 4 G / L |
| 6. Desmest In Mixed Acid Dip | Time :-15- 20 Sec. | Teamperature :- 40 / 55 C |
| Nitric Acid :- 500 MI | 16.Dm Water Rinse | Time :- 3 / 5 Min. |
| Sulphuric Acid :- 250 MI | 17.Dm Water Rinse | 29. AG Post Dip :-10-20 ml / L |
| Dm Water :- 250 ml | 18. Copper Strike With Live Current | Teamperature :- Room |
| Acitek 707 :- 120 Grms | Rochelle Copper Salt :- 150 G / L | Time :- 3 / 5 Sec. |
| Teamperature :- Room | Temperature :- 55 / 60 C | 30. Dm Water Rinse |
| Time :- 20 /30 Sec. | Current Density :- 1.5- 2.0 Amp / DmSquare | 31. Dm Water Rinse |
| 7. Dm Water Rinse | Time :- 10 - 15 Min. | 32. Hot Dm Water Rinse |
| 8. Dm Water Rinse | 19. Dm Water Rinse | 33. Dry And Inspection |
| 9. Zincating In Alufix M Process | 20. Dm Water Rinse | |
| Concn :- 50% | 21. Strike Silver | |
| Teamperature :- Room Temp | Strike Silver Salt :-100 G / L | |
| Time :- 30 / 40 Sec. | Time :- 5 Min. | |
| 10. Dm Water Rinse | 22. Bright Silver | |
| 11. Dm Water Rinse | Bright Silver Salt :- 200 G / L | |
| | Brightner :- 20-30 ml / L | |
| | Carrier Additive :- 10-15 ,ml / L | |
| | Time :- Depending on thickness Required | |



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Contact Us

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