



**MAHESHWARI**  
Industries

Manufacturers and Electroplaters of ABS  
plastic parts

**We, Maheshwari Industries provide Electroplating services for ABS plastic parts & Molding services. We have experience in the field for over 10 years.**

**We focus on doing quality work which fulfills the expectations & targets of our customers.**

**Quality assurance is our prime objective.**



# INTRODUCTION



**Mr. Rajendra Mehendale**

Our Founder **Mr. Rajendra Mehendale**, studied M.Sc. Organic Chemistry from Mumbai University, his high interest in Chemistry & fragrance formulation lead him to make very special perfumes, in the initial stages of business.

In 1995 we started ABS electroplating to fulfill high market demand, with our quality services and support, today we became a leader in ABS Electroplating service provider across India.

He is also invited every year by Metal Finishers Association of India for Electroplating certificate course. He conducts lecture on 'How to maintain an electroplating plant efficiently'.

We have been Audited and certified as a Best provider of plating on plastic by ATOTECH ( Germany ).



# OUR TEAM

**MAHESHWARI**  
**INDUSTRIES**

**PROPRIETOR**

Mrs. Maheshwari  
Mehendale

**CEO**

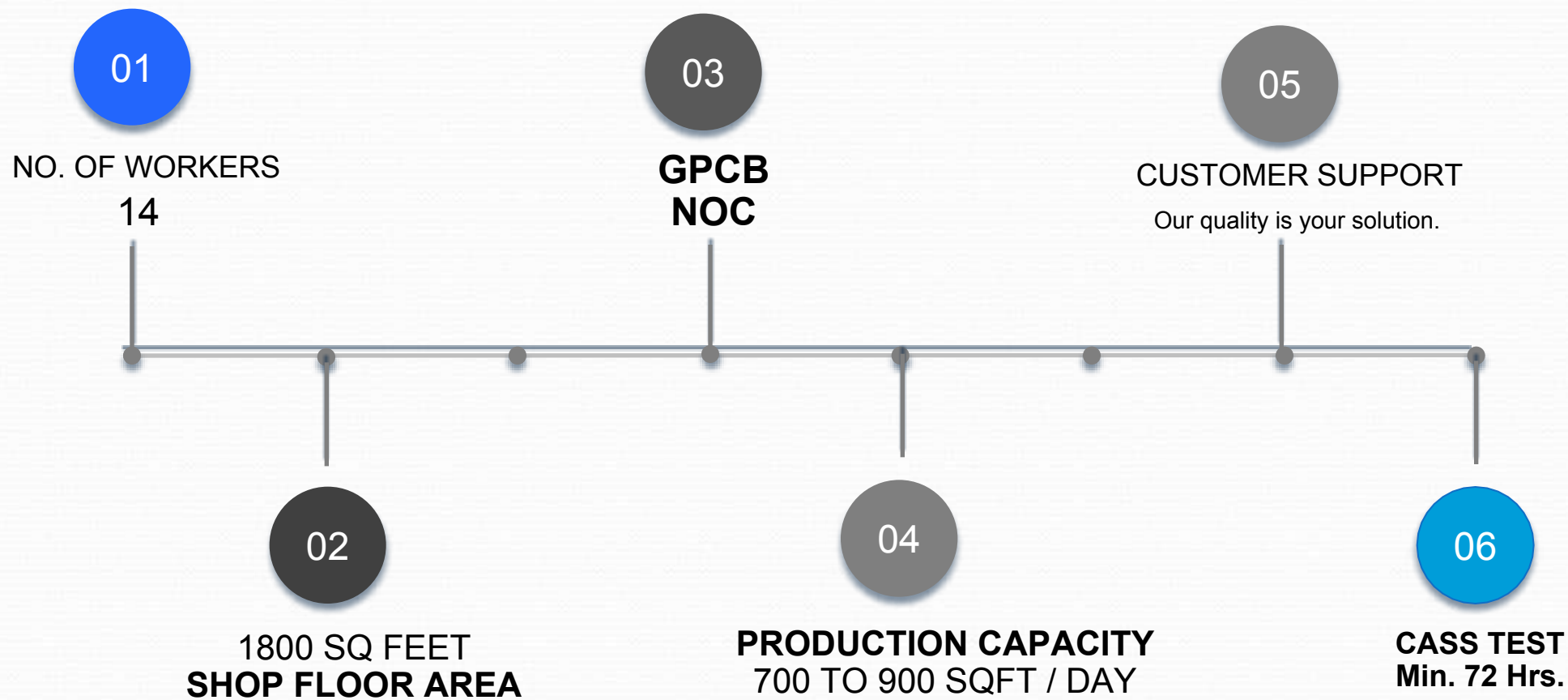
Mr. Rajendra  
Mehendale

**Plant Manager**

Mr. Abhishek  
Mehendale

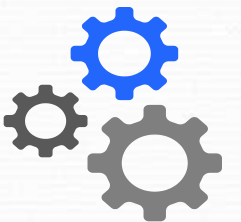


# OUR STRENGTH





# PROCESS SEQUENCE







# QUALITY CONTROL

## OUR LABORATORY



- The Laboratory team is the unit responsible for ensuring that final outcomes are reliable, can meet technical requirements, and that adopted methodology is adhered to.
- The quality team members work closely with the process.
- The laboratory team works hand in hand with the QC (Quality Control) department to ensure least plating rejection and consistent outcome.



## OUR LABORATORY



- **The Laboratory team** is also equipped with **THICKNESS TESTING machine.**
- This method is adopted for **consistent plating results.**
- As electroplating is a **multi-layer process**, we ensure each layer is as per standards set by us and also give by customer.
- We adopt following standards for consistent plating results:

1	Bright Copper	Min. 12 $\mu\text{m}$
2	Bright Nickel	Min. 6 $\mu\text{m}$
3	Bright Chrome	Min. 0.35 $\mu\text{m}$
4	CASS test	Min. 72 hrs.



**THICKNESS TESTING MACHINE**





# SHOP FLOOR

## ELECTROPLATING PLANT



- Our electroplating plant is fully equipped with **timers, temperature controllers, sensors** etc.
- This helps us produce consistent results and the quality that is according to the set standards.
- **Our plant is spread over an area of 1800 sq. ft.**
- We have a **capacity of plating over 700 sq. ft. / day.**
- Our plant **maintenance team is always on high heels** for any type of quality issues and accordingly steps are taken immediately.







# MOLDING SERVICES

- We have tie-ups with **molding companies** to add to our strength.
- We can **deliver the complete product (molded + electroplated)** to our customer as required.
- We believe in quick response and feedback to our customers.



# OUR PLANT



**LABORATORY**

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**COPPER TANK**

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# OUR PLANT



**SHOP FLOOR**

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**STORE ROOM**

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**INSPECTION AREA**

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# CASS TEST REPORT 1



## Report

Examiner: Krishnappa, Poornima 1<sup>st</sup> of 2 pages  
 TCSP Test Group: Y11000 Materials Science - Climate Tests  
 Lab receiving date: 20-04-2017  
 Inspection start date: 26-04-2017  
 Report creation date: 02.05.2017

Stream Project ID: P1704-02083  
 TCSP Physical Sample: SS10088961  
 TCSP Inspection Lot: 150000299940  
 WBS-Element: T31-000129-06-13-01

BTT: Deco  
 BTT Contact Person: Ramesh Dhukhande

Customer: MAHESHWARI INDUSTRIES, Gujarat

Object: Cr/Ni/Cu plated  
 Base material: ABS  
 Process: Cr/Ni/Cu plated  
 Product: Supreme Plus  
 Job class: Product Support  
 Task description: Corrosion test, CASS

SOPs and standards considered during order processing:

ISO 9227, Standard Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)

Approval: Vijay Kumar

Disclaimer: The test results contained in this test report refer only to the samples as received. Samples are taken by the customer, and the samples' characteristics may have changed due to their handling and transport. As the use, application, and operations at the customer site are beyond our control, the results contained in this test report shall serve for the customer's information only and are provided AS-IS, without representations or warranties of any kind. Although the content of this test report is based on our best efforts and knowledge, we assume no liability, including but not limited to any incidental, consequential or other liability resulting from its use, and in no event will Atotech be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this test report or any recommendations or suggestions contained herein. We can accept liability only for the quality of our products at delivery.



Image ID: 1/ D1704-51828  
 Batch - 01  
 Comment: Components before subjecting to salt spray .



Image ID: 2/ D1705-51923  
 01  
 Comment: Corrosion observed at 96 Hrs .



Image ID: 3/ D1704-51829  
 Batch - 02  
 Comment: Components before subjecting to salt spray .



Image ID: 4/ D1705-51925  
 02  
 Comment: Corrosion observed at 96 Hrs .





# CASS TEST REPORT 2



### Report

Examiner: Narasimman, Sudhakar 1<sup>st</sup> of 2 pages  
TCSP Test Group: Y11000 Materials Science - Climate Tests  
Lab receiving date: 04-05-2017  
Inspection start date: 09-05-2017  
Report creation date: 12.05.2017

Stream Project ID: P1705-02130  
TCSP Physical Sample: SS10089840  
TCSP Inspection Lot: 150000304219  
WBS-Element: T31-000129-06-13-01

BTT: Deco  
BTT Contact Person: Dukhande, Ramesh

Customer: MAHESHWARI INDUSTRIES

Object: Ni- Cr plated components  
Base material: ABS  
Process: Ni- Cr plated  
Product: NA  
Job class: Product Support  
Task description: CASS

SOPs and standards considered during order processing:

ISO 9227, Corrosion tests in artificial atmospheres – Salt spray tests

Approval: Vijay Kumar

Disclaimer: The test results contained in this test report refer only to the samples as received. Samples are taken by the customer, and the samples' characteristics may have changed due to their handling and transport. As the use, application, and operations at the customer site are beyond our control, the results contained in this test report shall serve for the customer's information only and are provided AS-IS, without representations or warranties of any kind. Although the content of this test report is based on our best efforts and knowledge, we assume no liability, including but not limited to any incidental, consequential or other liability resulting from its use, and in no event will Atotech be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this test report or any recommendations or suggestions contained herein. We can accept liability only for the quality of our products at delivery.



Image ID: 1/ D1705-52796  
01  
Comment: Before subjecting to salt spray test. .

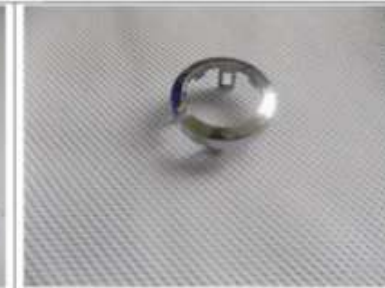


Image ID: 2/ D1705-53158  
01  
Comment: Corrosion observed at 72 Hrs .



Image ID: 3/ D1705-52797  
02  
Comment: Before subjecting to salt spray test. .



Image ID: 4/ D1705-53157  
02  
Comment: Corrosion observed at 72 Hrs .



**MAHESHWARI**  
Industries

**THANK YOU  
FOR YOUR  
TIME**



**CONTACT US**

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