

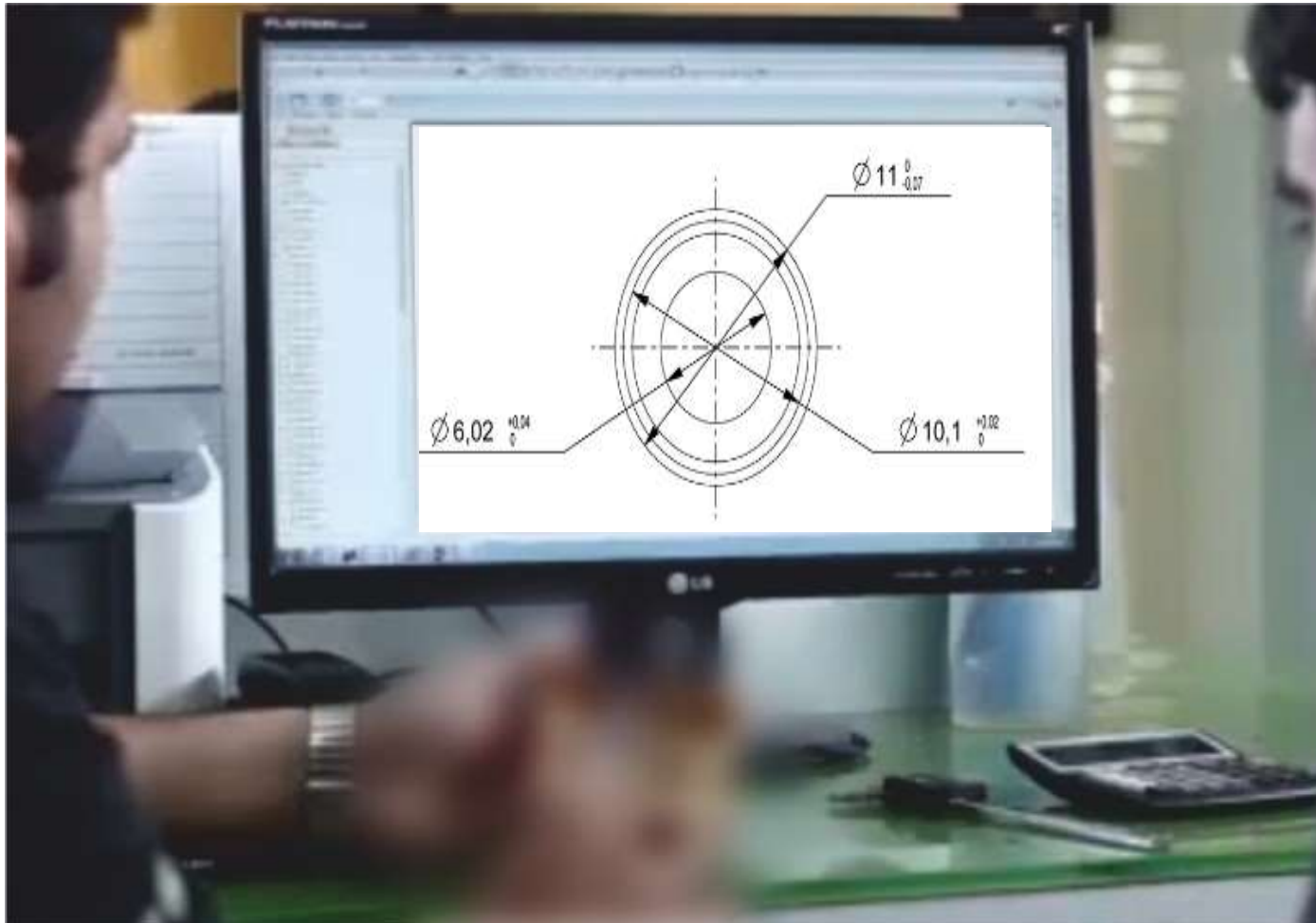


Systamet Overview



www.systametindia.com

DESIGN DEPARTMENT



Highly qualified dedicated design engineers for designing, prototyping & development of new products. We use Cad-cam software & 3D Printing facility for quick developments.

TOOL ROOM



Fully equipped in House tool room with CNC wirecut, VMC, Spark erosion, Lathe, Surface grinder, MNTR Milling and all types of conventional machines for making forging tools, casting moulds, press tools, jigs and fixtures.

BRASS DIE CASTING



IMR Die Casting

Capacity - 2000 kgs per day

Manual gravity die casting -1500 kgs per day

ZINC DIE CASTING



ZINC Die Casting Machine

Capacity - 88 tons to 160 tons

Capacity – 40,000 shots/Day

MILLING, TURNING & MACHINING



Vertical Milling Centre
10 nos Capacity : 2500 pcs/day



CNC Turning Centre
10 nos Capacity : 3000 pcs/day

Sliding Head - Citizen 32mm dia

**Hand Throbes, Drilling, Milling,
Multi Drilling – SPMS - 50 Nos**



TUBE BENDING & INDUCTION BRAZING



Tube Bending / Roll Grooving

5 Nos.
3mm to 30mm tube (5000 pcs / day)



Induction Brazing

Suitable for Brass to Brass Brazing
Capacity : 500 Pcs. / Day

PRESS SHOP & FORGING



Power Press:
5 ton - 150 ton.
(10000 strokes/day)



Forging Press :
150 ton to 300 ton.
Capacity : 5000 strokes/day

GRINDING & POLISHING



Manual And Automatic Grinding &
Polishing Machines - 170 nos
70000 pcs per day

ELECTROPLATING LINE – I (BRASS PARTS)



We have the following finishes available at our Electroplating unit:

- Brass Plating
- Gold Plating
- Black Nickel Plating
- Antique Brass
- Antique Copper
- Nickel
- Chrome Plating

Capacity: 30,000 PCs per Day

ELECTROPLATING LINE – II (ZINC PARTS)



Following
finishes available at our Electroplating unit II

- Nickle Satin
- Matt Chrome
- Chrome Plating
- Brass Antique
- Copper Antique
- Black Nickel
- Trivalent Chrome

Capacity: 40,000 PCs per Day



SEMI AUTOMATIC ELECTROPLATING LINE – ZINC PARTS



Semi-Automatic Electroplating unit
for Chrome Plating –

Capacity: 35,000 PCs per Day



PHYSICAL VAPOUR DEPOSITION (PVD)



Multi-arc ion coating equipment is an ion coating machine of efficiency, harmless and pollution free.

FEATURES:

fast deposition rate, great ionization rate, big ion energy, easy operation, large productive capacity etc

FINISHES:

ROSE GOLD	GOLD,
FRENCH GOLD	BN
CHROME	BLACK (Z-BLACK)
ZIRCONIUM (CHAMPAGNE)	

CAPACITY:

2500 Pcs./ Day

ASSEMBLY LINE



Various assembly lines suitable for faucets, shower hinges, bath accessories and other customized products.



QUALITY TESTING



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QUALITY TESTING EQUIPMENT



ISO 9001:2015



Metal Hardness Test

To check harness of material



Spectrometer

Spark emission spectrometer for metal analysis
available for Zinc & Brass Alloys



Mini CMM

CMM for virtually any application where
High precision Measurement required.



Project Projector

Visual profile measurement for accuracy
& repeatability which makes them the
preferred Measurement System of
Quality Control



Visual Measuring System

Sipcon's Vision Measuring Systems are known for their accuracy
and repeatability which makes them the preferred Measurement
System of Quality Control

QUALITY TESTING EQUIPMENT



Sulphur Dioxide Test

Liebisch Constanzo® Kesternich and Condensation Chamber

SO₂ testing simulates acid rain or industrial chemical exposure to evaluate the relative corrosion resistance of the coating, substrate, or part itself.

1. ASTM G87 Standard Practice for Conducting Moist SO₂ Tests
2. ISO 6988 Kesternich Testing
3. ASTM G85 Annex 4 Salt Spray/SO₂ Exposure



Salt Spray Test (SST)

Presto Salt Spray Chamber - KORROX III & Micro supreme

Salt Spray Chamber is a consistent tool useful for checking the corrosion resistance of surface coatings when exposed to salt laden environment.

Applicable Standard
ASTM B117 ASTM
G85 ASTM B368



XRay Plating thickness testing

A FISCHERSCOPE X-RAY is the ideal choice for non-destructive, contact-free coating thickness measurement and material analysis



Spectro Photo Meter

The CM-700d Spectrophotometer is a handheld, portable measurement instrument designed to evaluate the color and appearance of samples very small to large in size, including objects with flat, shaped, or curved surfaces

QUALITY TESTING EQUIPMENT



Quenching Test

Performed to find adhesion property of a coating,

Applicable Standard ASME 112 & ASTM B571



Water Leakage Test

Leak testing for Assemblies and sub assemblies. Customised to product requirement.
Ateq Leak testing for Leak detection.



Air Leak Testing



Faucet Testing

Faucet Leak testing setup customized to product requirement.

PRODUCT RANGE



SYSTA MET INDIA

CUSTOMIZED METAL ENGINEERING



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MACHINED PARTS



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MACHINED PARTS



NUT & PERMIX



BRASS CASTING PARTS



ZINC DIE CASTING PARTS



FORGED PARTS



PLUMBING ACCESSORIES



VITREOUS ACCESSORIES



VITREOUS ACCESSORIES



FAUCET ACCESSORIES



TIP TON



SMALL FLANGES



Material : Brass, S.S.

SPOUTS



SHOWER ARMS



BOTTLE TRAPS



SHOWER HANDLES, HEADERS & KNOBS



SHOWER KNOBS



SHOWER HANDLE



SHOWER HEADERS

DIVERTER BODY



AVAILABLE FINISHES



GOLD



ROSE GOLD



COPPER



ANTIQUE COPPER



BLACK GLOSSY



BLACK MATT



BRASS LAQUER



BRASS ANTIQUE



CHROME



NICKLE



CHAMPAGNE BLUE



CHAMPAGNE RED