

All our production departments are well-equipped with the latest, machinery imported from Germany and England, and well-staffed with the expert technicians trained from our strategic joint venture network. We complete almost all manufacturing processes within our facilities which means that “No compromise on quality of the instruments in any criteria”. Following are some of the processes that are completed within the manufacturing plants.

MANUFACTURING PROCESSES:-

Raw Material Department:

At CREDA INDUSTRIES, we believe that quality can only be achieved through quality raw material. As such, the best quality Raw-materials (S.S. strips, round Bars, S.S.coils and S.S.tubes) are imported directly from Japan & France and are subjected to composition and hardness testing through our in-house Laboratory in order to ensure that only the best materials are passed on to production departments.

Forging:

The Company has its own forging section where Forgings for proper instruments/devices are made through Drop Forging Hammers by qualified & skilled workers using Dyes made of the best-quality D-2 Steel. The forgings later are put through the process of overall / ring trimming, and acid cleaning / pickling by those well versed in these processes.

Forging Inspection:

At this stage, forged tools are checked to ensure no piece contains any cracks or is reshaped beyond acceptable limits. Checking the quality of raw instruments for: -

- 1) Shape fault
- 2) Broken

Milling/Machining:

Our Milling / Machining section have best quality and imported Milling/Grinding Machines which are operated by the well-trained experts for good milling of the Scissors, ratchets, serration teeth, box cutting, and for all other related processes for ensuring exact perfection before filing. For this, top-quality imported cutters are used. The process of filing is carried out again by the trained professionals to ensure high standard of exactitude and precision.

Heat Treatment:

We have our own (Vacuum Furnace) Heat Treatment Department where qualified & trained staff are engaged to give treatment to instruments for furtherance of quality.

Electro-Polishing & Grinding:

The Electro-Polishing and the Grinding Departments are also manned by skilled & trained workmen using the imported chemicals and the grinding wheels to ensure the best-quality finish

Tungsten Carbide:

Our T.C Department is installed with the best-quality imported machinery being manned by the exceptionally well-trained experts using the German Technology. . The T.C.Tips and the soldering material are imported from Germany to ensure matchless quality and precision. The department also utilizes laser welding machinery for superior results and unbreakable strength,

Ultrasonic Cleaning:

In this process the instruments are dipped in two materials for cleaning the polish raw thing on it. 1min.for first material and then for half min.for other material. Ultrasonic cleaning cleans any polishing material stuck and leaves the instrument crystal clear

Passivation:

Using the top-quality imported Chemicals in our Passivation Department we boil test and passivate each and every instrument for 24 hours before packing. If need arises, the instruments are re-passivated so as to eliminate any chances of rusting or corrosion during the life of the instrument. Our instruments are rust-free for life though we give guarantee for three years.

Re-Finishing:

After Chemical / Boil tests, all the instruments are examined for any unfinished surfaces. During this stage any instrument that does not pass the initial QC is sent back to an earlier step depending on the corrective action.

Sandblasting:

For sandblasting our instruments, we use the machines as well as the best quality sandblasting material, which are operated by skilled & well trained operators.

Coating & Gold Plated:

Our coating department is capable of providing Gold plated instruments as well as powder coated instruments depending upon the requirements of the instruments or the customer. All coating related raw materials are imported from European countries so that no compromise on quality can be made. Furthermore, each coating is inspected for quality before any instrument is passed on to the next department.

Cleaning and Checking:

Instruments are cleaned and checked again one by one. Again it's the checking for operation, measurements, polish and usability.

Final Inspection:

After final cleaning / decreasing, instruments are thoroughly Hand-Examined and tested by a highly qualified team of QC inspectors. Each and every aspect of an instrument is examined including serrations, ratchets, jaws, and teeth.

Stamping:

The Stamping / Laser marking & Etching process is carried out by the soundly trained experts to match the world standards.

Packing:

Packing in boxes each contains 100 pieces. 10 Boxes in a carton. Here instruments are packed with respect to sizes and types. Instruments boxes are properly labeled and stored in proper storing environment.

Labeling

Labels are put in this process.

Delivery:

Delivered the goods by sea, air & courier as per customer demand,

THANK YOU .

CREDA Industries