

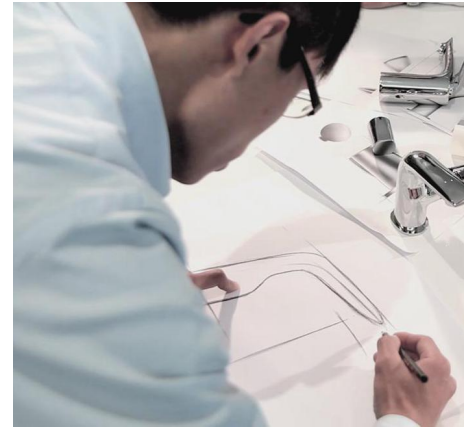
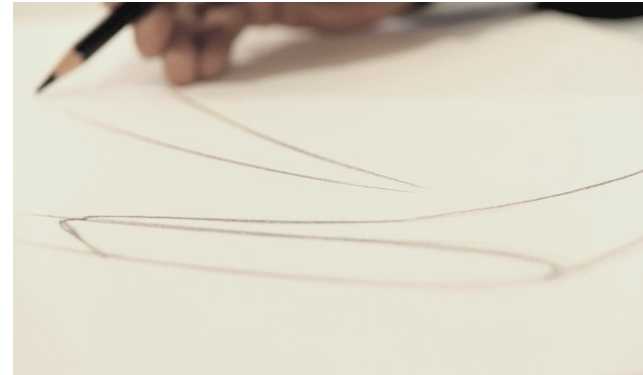


R & D Department

A design team of 10 professionals.

Quarterly Market trend investigation.

4-6 new series launched every year.



Mould workshop



With our CNC machines, we realize our innovations every quarter, or open new moulds according to our customers' samples, drawings or ideas.





Raw Material Warehouse

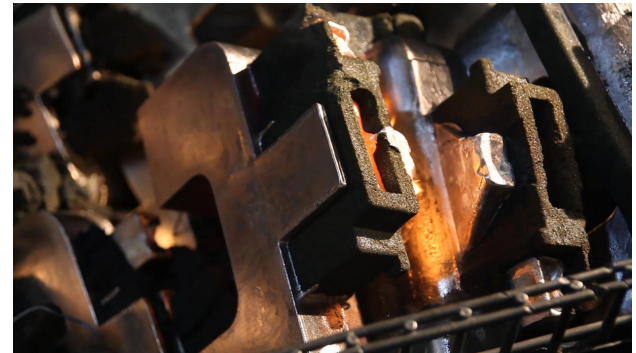
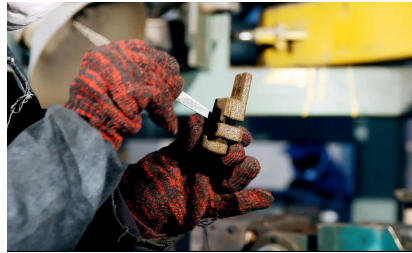
All copper ingots are supplied by qualified sub-suppliers, their specific ingredients pre-tested according to various required standards in our inhouse labs, and then categorized as e.g. European Standard copper, Australia DZR copper, US cUPC copper etc. in our raw material warehouse, records of which are checked periodically by personnel on duty.





Die-casting workshop

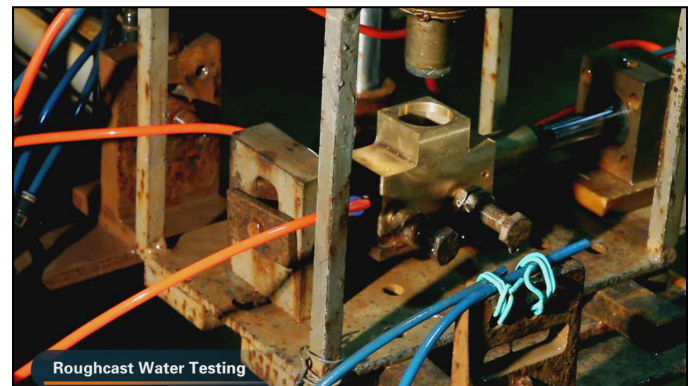
Gravity casting technology is employed to ensure consistent output of bodies of faucets. Ingots are tested again here every two hours to ensure every batch of input meets stipulated standards agreed with our customers.



**Body
leakage
checking**



**Rough
cast
100%
tested**





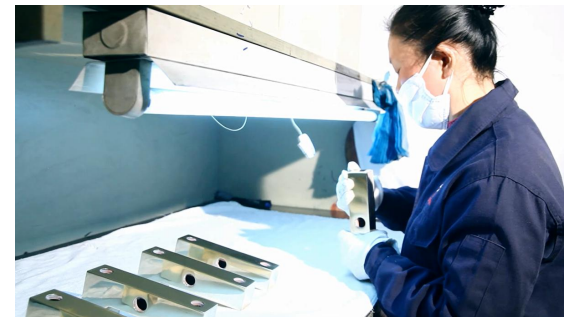
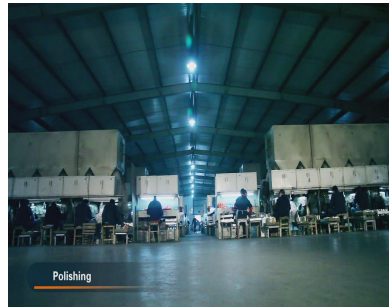
Machining Workshop

Faucet bodies are processed with CNC machines, where threads & holes are done as per pre-set computer drawings. Output is examined at site by QC personnel to ensure standard.

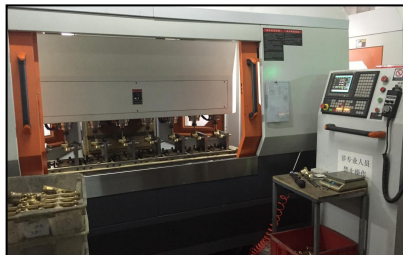


Polishing Workshop

Polishing is done on 11 working lines in 6 phases, with 2 inspectors on each line. Every piece is examined 3-5 times in spotlight and only the flawless pieces qualify for next procedures.



Auto Milling Workshop





Chroming Workshop

Faucets are checked 100% again before chrome plating. Those with surface damage that potentially affects plating are rejected and demand re-polishing.

Fully automatic double fork nickel plating is used to secure products are evenly plated.

Plating (using Cr VI) and cleansing (using ultrasonic) is operated and monitored by computer.

For better plating effect, extra plating time of 38-40s in each immersion (which is our corporate standard, in comparison with prevailing 35s by most manufacturers) is consumed.

Electrolytes are checked everyday to ensure its concentration level. Plating tanks are also cleansed daily.

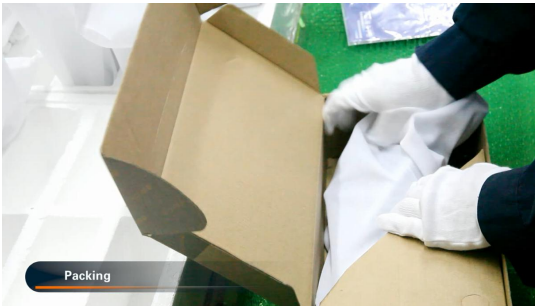
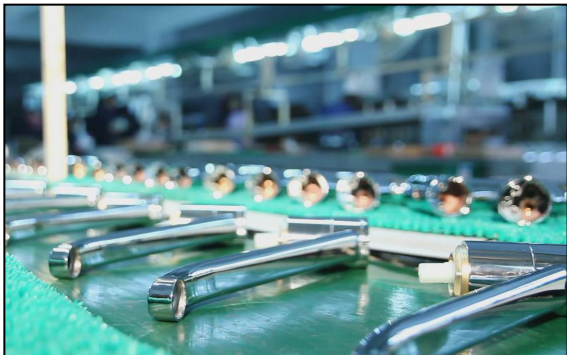
Discharging is strictly in conformity with national standards to meet environmental protection target.





Assembly Workshop (12 Lines)

Finished products, prior to packing, are tested 100% with compressed water/air.





Test Labs



Raw material analysis



DZR material analysis



Low/High temperature testing



Shower hose



Salt spraying



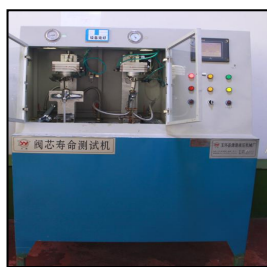
Pop up waste



Shower head



Flow rate



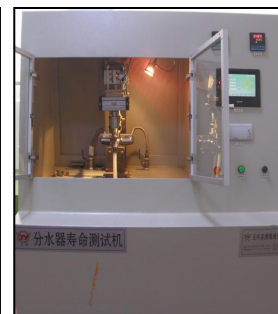
Cartridge life cycle



Noise level



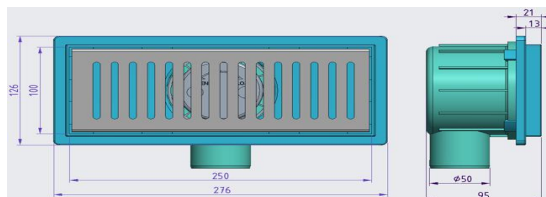
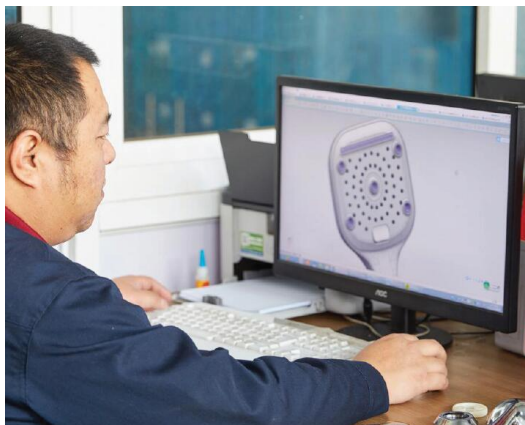
Spout swivel



Diverter



Designing & Moulding of Shower Products





R

Vision Production

Production & QC of Shower Products

