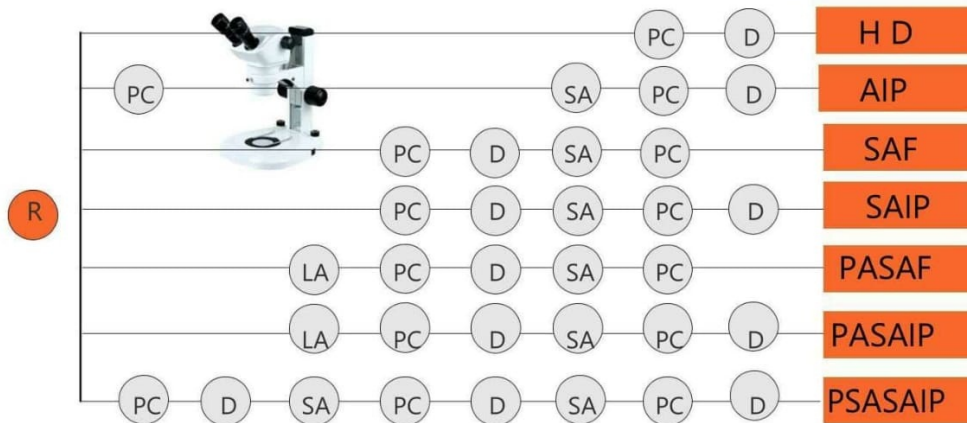


Processing chart

Manufacturing diagram



R	Wire Rod
PC	Pickling & Coating Coating
D	Drawing
LA	Low Temperatur Annealing
RA	Regular Annealing
SA	Spherodized Annealing

HD	Hard Drawn
SA Rod	Spherodized Annealed Rod
AIP	Annealed In Process
SAPP	Spherodized Annealed Pickled & Phosphate Coated
SAF	Spherodized Annealed at Finished Size
SAIP	Spherodized Annealed in Process
PASAF	Pre-Annealed SAF
PASAIPC	Pre-Annealed SAIP
PSASAIP	Doubled Spherodized Annealed in Process

(I) PICKLING - Pickling is a process in which an acid solution is used to removed oxide scale from stell.

We have 9 tank phosphating process for best quality products In order to achieve the highest product quality, and achievable production rates, while ensuring environmental friendly operation.



(ii) DRAWING - Wire drawing is a metal working process used to reduce for cross section of a wire by pulling the wire through drawing dies.

We have Machine 40 inches inverted bull block, 36 inches inverted bull block and 36 ×30 ×24 bull block series.

We are doing 2mm to 40mm.



(iii) ANNEALING - Annealing is softening process for metal that reduce internal strain caused by work hardening and facilitates recrystallization and grain growth when metal are formed our process strain hardening occurs decreasing ductility and increasing hardness dishardening leaves metal brittle often causing, cracking or breaking during successive operations.

Bell type Electric Heating Annealing Furnaces is widely used for spheroidized annealing in controlled atmosphere.



QC TEST LABORATORY

Lab Equipments

- UTM Machine (400KN)
- Rockwell Hardness Tester
- Metallurgical Microscope with Image Analyzer
- Stereo Zoom Microscope
- Double Disk polishing Machine
- Belt Grinder
- Molding Machine
- Vernier Caliper
- Micrometer
- Upsetting Machine
- Cutting Machine
- Muffle Furnace



QC TEST LABORATORY

