

Turn Key Suppliers & Consultants For

Packaged Drinking Water Plant



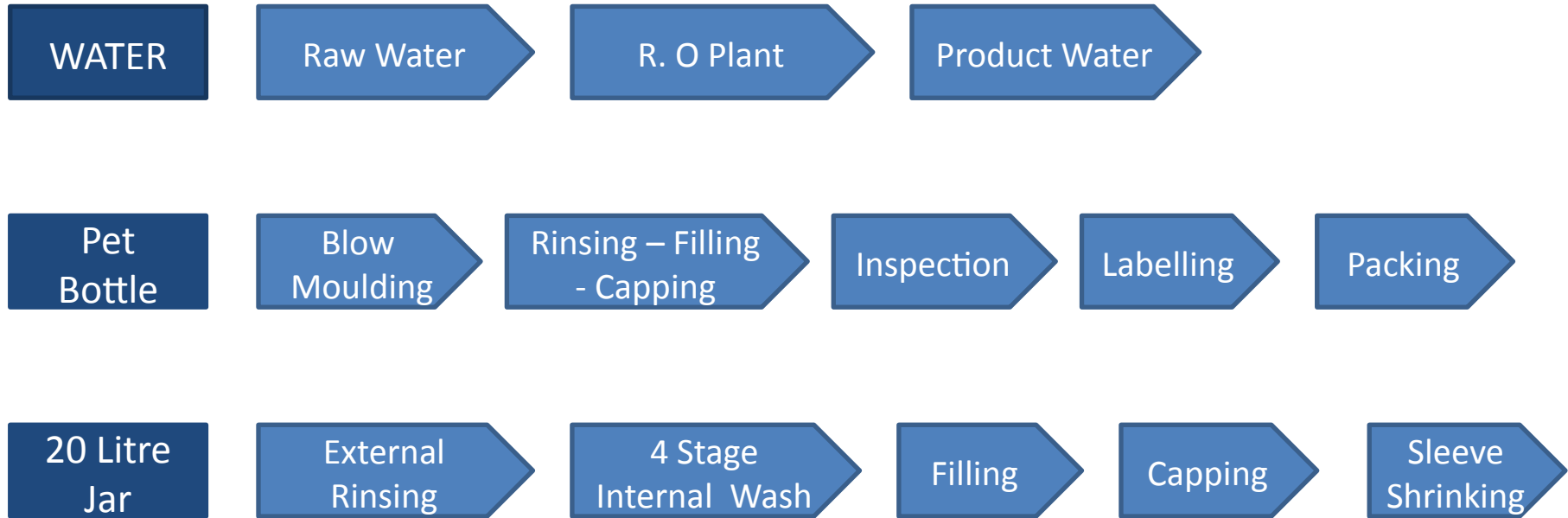
Samarthan Systems Pvt Ltd..

Turn Key Suppliers & Consultants.

- Project Planning.
- Supply of Total Plant Machinery.
- Erection, Commissioning & Installation of Machines.
- Supply of Complete set-up for Microbiology & Chemical Laboratory for testing as per B.I.S norms.
- Consultancy for Civil Work as per B.I.S norms.
- Execution of Project Up to obtaining B.I.S Certification.



General Overview



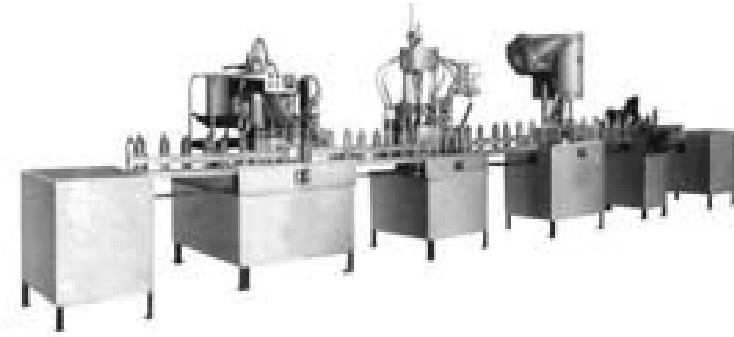
Water Processing Plant (R.O)

- Raw Water from Natural springs or Underground source is pumped and stored into raw water tank.
- The water is then processed in the Filtration / R.O Plant using various processes such as :
Sterilization - Sand Filtration - Activated carbon - membranes - U.V - and Ozone.
- The obtained product water is stored in an S.S tank for filling into pet bottles & jars.



Pet Bottle Line

- Pet bottles of 250 ml, 500 ml, 1 litre, 2 litre can be produced in the same line with setup changes.
- Bottles are manufactured from Preform using a blow moulding m/c.
- Empty pet bottles are then taken to Rinser - Filler - Capper m/c where they are rinsed using product water and then filled & capped.
- After capping, each bottle is visually inspected and the labelling is done using a shrink sleeve or auto labeller m/c.



20 Litre Jar Line

- 20 litre jars are externally washed after they come from market for re-filling. An external rinser is used for this.
- Jars are then loaded into an automatic rinser filler where
 - a) 4 Stage** - internal rinsing is done using Chemical wash, hot wash, reused product water & finally product water.
 - b) 7 Stage**- internal rinsing is done using Plain Wash, Soap wash, Chemical wash, Hot water wash 1, Hot water wash 2, reused product water & finally product water.
- Washed jar is then filled by product water and then capping is done.
- Capped jars are visually inspected and batch code is printed on the jar.



Scope of Samarthan Systems

- Identifying your project requirements and making a working plan.
- Selection of plant and machinery to suit the production & budgetary requirements.
- Processing of machinery and instructions for civil work as per B.I.S requirements.
- Erection, commissioning all machinery. Set-up of Micro & chemical laboratory as per B.I.S Standards.



DETAILS REQUIRED FOR GETTING BIS LICENSE :-

- 1 Premises owner Documents :- 7X12 Extract , Index Paper, Registered Partnership Deed. Article of Memorandum, Certificate of Incorporation (if Company is Pvt.Ltd.)
- 2 N.O.C. From Local Authority (Gram Panchayat).
- 3 S.S.I. Registration Copy. (Small scale Industries)
- 4 M.P.C.B. License Copy. (Maharashtra.Pollution.Control.Board)
- 5 F.D.A. License Application Copy. (Food and Drug Association)
- 6 Approved Lay Out Plan of Factory –premises Section Area Wise from Architect & Route Map for Coming your factory.
- 7 Trade Mark Registration Copy.
- 8 Brand user agreement for contract packers.
- 9 Pest-Control Agency Agreement Copy.



DETAILS REQUIRED FOR GETTING BIS LICENSE :-

- 10 Medical Certificates of Workers & Staffs for handle the food Product.
- 11 Appointment Letters with Qualification Certificates of Chemist & Microbiologist
- 12 Bottles Design, Label Design.
- 13 Food Grade Certificate of Raw Water Storage PVC Tanks.
- 14 Food Grade Certificate from Packaging Material Suppliers
- 15 100 Rs. Stamp Paper with the name Factory.(Two).
- 16 Letter heads - 100 nos.
- 17 Latest M.S.E.B. Bill Paid Copy - if available
- 18 Source of Raw Water Declaration
- 19 List of Plant & Machineries required for Packaged Drinking Water as per IS:14543:2004.
- 20 Lab. Equipments, Glass wares & Chemicals required for Testing Packaged Drinking Water as per IS:-14543-2004
- 21 Caliberation certificate of lab equipments.
- 22 Labell format copy - colour printout
- 23 Permission form Central Ground Water Authorities of India for Using Under Ground Water
(for Certain Regional Areas only)
- 24 Weights and measures license also.



Bisleri Certification to Samarthan :-

