



Hindustan Water Engineering Company

- > OVER 50 YEARS OF EXPERIENCE
- > 100+ WATER TREATMENT PLANT INSTALLATIONS
- > COMPLETE WTP, STP AND ETP EQUIPMENT UNDER ONE ROOF
- > ISO 9001:2008 CERTIFIED COMPANY



We are committed to serve the water industry through innovative and cost-effective products



Hindustan Water Engineering Company

Company Profile

Hindustan Water Engineering Company started manufacturing Pipe Drilling and Tapping Machines, Pipe Cutting Machines and Under Pressure Boring Machines etc. in the year 1959.

At the time, the Indian Water Industry was majorly suffering from the lack of good quality equipment. We took the lead to fill this gap and manufactured a number of specialized equipment for those who wanted to move with the times. Hence the clientele of company increased considerably.

The company also started working as a solution provider. As the company is having in-house R&D facilities since its installation, it soon started manufacturing Water Hammer Control Devices.

In the early 70s, HWE entered the field of Water and Waste Treatment. Now it enjoys 100+ Water Treatment Plants to its credit. The company is also supplying equipment for Effluent Treatment Plants and Sewage Treatment Plants.

In the next decade, the company started producing state-of-the-art Water Meters for bulk flow measurement. Now HWE has the credit of manufacturing the largest sized Water Meters in India.

HWE is registered with NSIC and D.G.S. & D., State Governments and a number of public and private heavy industries, Municipal Councils and Corporations etc.

Today, the company is well known in the field of Water & Waste Treatment and Flow measurement as its products have already proven their utility in the field and they are now time tested.

Hindustan Water engineering company holds the necessary skill and experience for the manufacture and design of specialized equipment to suit individual requirements of its clients.

Product Specifications

| Air Blower

Capacity: 5M³/ hr – 8000M³/ hr
Pressure: 0.1Kg/ cm² – 1 Kg/ cm²



| Aerator

Type: Slow speed, Fixed/ Floating Type
Oxygen Transfer Capacity: 1.6 Kg/hr – 2.6 Kg/ hr.
Motor rating: 2 H.P. – 150 H.P.
MOC: Base and Shaft: MSEP and Wetted Parts: MS FRP Lined



| Bar Screen

Type: Coarse Bar Screen/ Fine Bar Screen
Bar Spacing: 10mm - 60mm/ 2mm – 6mm
MOC: SS 304/ SS 316/ MSEP

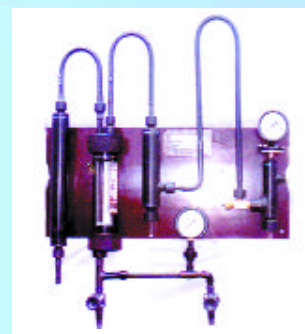


| Clariflocculator/ Clarifier

Type: Full Bridge/ Half Bridge/ Centrally Driven/ Peripheral Driven
Size: As per customer's requirement
MOC: M.S. IS: 2062 Gr. A Epoxy Painted/
M.S. IS: 2062 Gr. A FRP Lined

| Chlorinator

Type: Gravity Feed/ Pressure Feed/ Vacuum Operated
Mounting: Cabinet Mounted/ Floor Mounted/ Cylinder Mounted
Capacity: 500 gm/ hr – 40 Kg /hr



| Electromagnetic Flow Meter

Type: Full Bore Microprocessor Based
Output: Digital Display/ 4-20MA
Protection: IP-55/ IP-65
MOC:
Body: S.S.304/ 316/M.S. IS: 2062 Gr. A
Electrode: S.S. 316/ Hastelloy B/ Hastelloy C
Flange: M.S./ S.S.
Lining: Rubber/ PTFE
Wetted Parts: S.S. 316



| Grit Removal Device

For Sewage/ ETP
MOC: M.S. IS: 2062 Gr. A/ S.S. 304/ 316
Size: According to customer's requirement

Pressure Filter

Type: Horizontal/ Vertical
Media: Conventional Filtration/ Activated Carbon/
 Iron Removal/ Manganese Removal/ Arsenic Removal
Size: As per customer's requirement



Open Channel Flow Meter

Type: Mechanical/ Electronic
Output: Analog for Mechanical type/ Digital display,
 4-20mA for Electronic type

Proportional Flow Meter

Type: Raw Water/ Clear Water
Specification: As per our design
Size: 50mm to 2000mm
Output: Digital/ 4-20mA/ Pulse output
MOC:
 Body - C.I. IS: 210 FG 260/ M.S. IS: 2062 Gr. A/
 S.S. 304/ 316/ customer's requirement
Measuring Device: Brass Body with ABS mechanism/
 S.S. 304 Body with Teflon Impeller



Sluice Gate/ Open Channel Gate

Specification: IS: 3042/ IS: 13349/ AWWA C560/ AWWA C513
Size: 150mm - 5000mm (Square/ Rectangular/ Circular)
MOC: As per customer's requirement



Swimming Pool Filter

Capacity: Mini Pools to Olympic Size
MOC: FRP/ M.S. IS: 2062 Gr. A/ C.S.



Woltman Flow Meter

Specification: ISO 4064 Class B/ IS:2373
Size: 50mm to 500mm
MOC:
 Body - C.I. IS: 210 FG260 Powder Coated
 Mechanism: ABS

Zero Velocity Valve

Size: 100mm to 3000mm
Test Pressure: 10kg/cm² to 25kg/cm²
MOC: C.I. IS:210 FG200 /M.S. IS:2062 Gr. A



Product Range (Treatment Plant Equipment)

1. Raw Water Rate of Flow Indicators
2. Raw Water Flow Indicator, Integrator and Recorders
3. Open Channel Flow Meters
4. Flocculators
5. Clarifier Scrapper Bridges – Clariflocculators
6. Constant Bleed Arrangement for sludge removal
7. Alum Dosing Equipment
8. Lime Dosing Equipment
9. By-pass gates
10. Flat Seat Valves for filter inlet and washout
11. Filter under drain fittings/systems
12. R.C.C./Cast Iron Header Tees
13. Filter nozzles
14. Filter outlet flow controllers
15. Loss of Head Gauges
16. Rate of Flow Indicators for clear water
16. Air Blowers
18. Chlorinators
19. Ammoniators
20. Chlorine Safety Equipment
21. Empty Chlorine Cylinders & Tonners
22. Lifting tackles for Chlorine Tonners
23. Bleaching Powder Solution Dosers
24. Quick opening valves for flushing of settling tanks
25. Water Level Indicators for Underground reservoirs
26. Water Level Indicators for Overhead reservoirs
27. Laboratory Flocculators
28. Turbidity Meters
29. Turbidity Scales
30. pH Test set
31. Chlorine Test Set
32. Sampling Tables
33. Overhead Travelling Cranes
34. Wash Water Flow Indicators
35. Head Stocks for Valve operation

36. Automation products
37. Flap Valves for waste water pipe line
38. Cast Iron foot steps
39. C.I. Sluice Gates conforming to IS:3042 & IS:13449
40. Open Channel Gates
41. Grit Removal Devices
42. Screw Conveyors
43. Sludge Thickeners
44. Bar Screens

Product Range (Flow Meters and Other Equipment)

1. Pipe Drilling and Tapping Machines from 1/4" to 3" diameter
2. Machines for making Branch Connections under running mains from 80mm to 1500mm
3. Pipe Cutters from 80 to 600mm
4. Pipe Cutting Machines from 80 to 1500mm diameter
5. Hydraulic Testing Machines
6. Proportional type Bulk Flow Water Flow Meters from 40 to 1500mm diameter
7. Raw Water Flow Meters from 80 to 1500mm diameter
8. Woltman type Bulk Flow Water Flow Meters 50 to 500mm diameter
9. Digital Flow Meters from 80 to 1500mm diameter
10. Meter Testing Equipment for testing meters up to 1500mm
11. Leak Detectors
12. Material Handling Equipment
13. Water Works Fittings/ M.S. Tanks etc
14. Filter Equipment
15. Water Treatment Plants
16. C.I. Castings
17. Electro Magnetic Flow Meters
18. Non-ferrous castings upto 200 kg
19. Water Level Indicators
20. Open Channel Gates

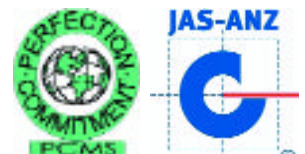
Our Esteemed Clients

Aaditya Agencies, Nashik
Angelique International Limited, New Delhi
APS Water Industries, Goa
Asea Brown Boveri Ltd., Calcutta, W. Bengal
Atul Ltd., Valsad
Banswara Syntex Ltd., Banswara
Bharat Heavy Electricals Ltd., Bhopal
Bharat Vijay Mills Ltd., Kalol, Gujarat
Brooke Bond India Ltd., Paper Division, Bilaspur, M.P.
Canara Engineers Pvt. Ltd., Mumbai
Cement Corporation of India, Nayagoan
Datta Prasad Const. Co., Kolhapur
Diamines & Chemicals Ltd., P.O. Petrofils, Baroda, Gujarat
Digvijay Cement Co. Ltd., Ahmedabad, Gujarat
Gondwana Engineers (P) Ltd., Nagpur
Hero Cycles Ltd., Ludhiana, Punjab
Hindustan Copper Limited, Malajkhand
I.T.C. Ltd., Tribeni Tissues Division, Chandrahati, Hooghly, W.B.
IVRCL Infrastructure and Projects Ltd., Hyderabad
J.K. Cement Works, Nimbahera, Rajasthan
J.K. Power Chittorgarh, Shambhupura, Rajasthan
Jindal Steel and Power Ltd., Angul
JSW, Raigarh
K.C.T. & Bros (C.S.) Ltd., Distillery Division, Unao, U.P.
Kanoi Paper Industries Ltd., Calcutta, W. Bengal
Kesoran Cement, Hyderabad A.P.
KINFRA Export Promotion Industrial Parks Ltd., Cochin
Kochi Refinery, Cochin
Larson & Toubro Ltd., Powai Works, Bombay, Maharastra
IPCA Laboratry Ltd. Indore, M.P.
Mahavir Spinning Mills Ltd., Hoshiarpur, Punjab
Maihar Cement, Sralanagar, M.P.
Mid India Ltd., Mandsaur M.P.
Nirlon Ltd., Mumbai
Paras Fab International, New Delhi
Petrofac Ltd., UAE
Prestige Group of Industries, Indore, M.P.
Raghunath Dye-Chem Pvt. Ltd., Kurnool
Rajaram & Bro. Starch Factory, Mandsaur M.P.
Richardson & Cruddass Ltd., Chennai
Shreyas Construction Co., Vadodara
Star Paper Mills Ltd., Saharanpur, M.P.
Swaraj Mazda Ltd., Rohar, Punjab
Tata Yodogawa Ltd., XLRI Comp. Centre, Jamshedpur, Bihar
The Ravalgaon Sugar Farms Ltd., Ravalgaon
Triveni Engineering and Industries Ltd., Noida
Western Railway, Ratlam



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