

Bharti Nanotechnology based Arsenic Removal Water Treatment Plants

Bharti Waters is one of the leading water technology and chemical manufacturing companies in India. Our company has solutions for ground water contamination (Iron, Arsenic, and Fluoride) removal, next generation water disinfection chemicals like chlorine dioxide powder, package sewage treatment plants, surface water treatment plants and water treatment chemicals and filter media and resins. All our technologies are approved in Category-I from MDWS, GOI (Ministry of Drinking Water and Sanitation), E-in-C's branch, Military Engineer Services (Ministry of Defence)

For Tube Wells and Piped Water Supply Schemes:

Bharti Nanotechnology based Arsenic Removal Water Treatment Plant is a CSIR, GOI tested and approved treatment unit which works on nanotechnology based media. The permissible limit of arsenic in water is less than 10 ppb (0.01ppm) as per BIS 10500 and WHO standard. The first step removes the iron from water and the second and third filtration steps remove arsenic from water.

Available Capacity: 500 LPH to 5 Lakh LPH

Benefits

- Tested & Approved from CSIR, Government of India, Dr. R.A. Mashelkar Committee (Ministry of Drinking Water and Sanitation)
- Our plants remove arsenic upto 2000 ppb (2PPM) from water
- Technology Tested and Approved from Arsenic Task Force headed by Prof. K.J.Nath, Chairman
- Arsenic Removal Plants have a 3-step filtration mechanism for precise arsenic removal
- Plants have TLCP certification/ Leaching certification from CSIR, GOI thus making the arsenic media very environment friendly
- Units are completely online and can work with solar pumps, overhead tanks and tubewells
- Does not require any electricity for working and can work on a very wide range of ph in water
- No addition of chemicals is required and the life of the Bharti Nano arsenic removal media is 5 years (depending on arsenic contamination in water) and the life of the unit is more than 10 years
- The back wash water has no arsenic contamination
- Can remove Turbidity, Iron, and Arsenic in a continuous mode as per BIS & WHO standards



20m³/hr Plant installed in Munger, Bihar