

BHARTI ARSENIC REMOVAL PLANT

Bharti Arsenic Removal Plant is a CSIR, GOI tested and approved treatment plant which works on nano-technology based media. The maximum amount of arsenic in water in India is 1.5 PPM. The permissible limit of arsenic in water is less than 0.01 PPM as per BIS 10500. Iron and Arsenic coexist in ground water. Our Bharti arsenic treatment plants also remove iron from the water. The first step removes the sludge and iron from water and the second and third filtration steps remove the arsenic from the water. We also make hand pump attachment units. The back wash water from the plant has no arsenic contamination which is a very important for the environment. CSIR, Government of India has given very positive report on our product after vigorous testing of our product as per all the desired criteria. **Arsenic Removal Technology Approved From CSIR Vide Report Letter No. TSP 003/08/17/698 Dated 22/08/2017.**

[Arsenic Removal Plant for Tube Wells, Pump Houses, Overhead Tanks and Solar Pumps](#)

BHARTI NANO TECHNOLOGY ARSENIC REMOVAL PLANT



Our Advantage:

- Tested & Approval from CSIR, GOI
- Our plants remove arsenic up to 2 ppm from water and are available for capacities of 1000LPH to 5000 LPH
- 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 removal media very environment friendly
- Units are completely online and can work with solar pumps, overhead tanks and tube wells
- Does not require any extra electricity for working and can work on a very wide range of ph in water
- No addition of chemicals in required and the life of the arsenic removal media is 3 years and the life of the unit is more than 10 years
- No sludge formation and the backwash water has no arsenic contamination
- Can remove Turbidity, Iron, and Arsenic in a continuous mode as per BIS & WHO standards

Application:

- Water Supply Scheme, Tea Gardens, Industries, Irrigation, Agriculture

ARSENIC REMOVAL HAND PUMP UNIT APPROVED FROM MDWS AND NEERI





Properties

Our Media is a reliable adsorbent for the removal of Arsenic (III) and (V). The media does not release any substances into the water. The special production and drying procedure of the granulate makes it very robust, stable, long lasting and makes it highly reactive. The advantage of Bharti Media over other Medias is the large adsorption-surface. This makes the media more effective than small-surface Medias. Whereas competitors use fine particles to achieve effectiveness, the Bharti Media is highly effective not because of fine particles, but the nanosized and porous surface structure of the media. This media is ideal for large applications with thousands of m³ a day. The media is very stable and does not create clumps. If the water is pre-filtered, backwashing is not necessary for up to 1 month.

The media is not soluble in water.

➤ PPM = Parts per million	➤ PPB = Parts per billion	➤ FRP = Fiber Reinforced Plastic	➤ MPV = Multi-purpose Valve	➤ NTU=Nephelometric Turbidity Units	➤ NM = Nano Meter
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