



BHARTI IRON REMOVAL PLANT

Bharti Iron Removal Plant is a CSIR, GOI tested and approved treatment plant which works on oxidation based media technology from the USA. The maximum amount of iron in water in India is 19.96 PPM . The permissible limit of iron in water is less than 0.3 ppm as per BIS 10500. We also make hand pump attachment units. CSIR, Government of India has given very positive report on our product after vigorous testing of our product as per all the desired criteria.

Iron Removal Plant for Tube Wells, Pump Houses, Overhead Tanks and Solar Pumps

BHARTI IRON REMOVAL TECHNOLOGY



Our Advantage:

- Tested & Approval from CSIR, GOI
- Our plants remove iron upto 20 ppm from water and are available for capacities of 1000LPH to 200000 LPH
- Units converts ferrous to ferric state in water and requires no aeration tank.
- 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 iron removal media is 4 years and the life of the unit is more than 10 years
- Plants come with auto backwash technology using PLC (program logistic control) based system for auto back wash

Application:

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

IRP UNIT WITH AUTO BACK WASH WITH TREATED WATER MDWS AND NEERI APPROVED



Iron Removal Media

Granular media in black color which works on catalytic oxidation and filtration principle. It can handle iron up to 20 PPM and can bring down the iron content to less than 0.3 PPM as per IS10500 standards. No chemical addition is required and just simple back washing is sufficient.

Color	:	Black
Bulk Density	:	35-40 lbs/cu.ft.
Effective Size	:	0.48 mm
Life of Iron removal media	:	about 4 years.

IRON REMOVAL MEDIA



Working process of Iron Removal Media are as under:

- Iron removal media works on oxidation process
- Ferrous is oxidized to ferric state and gets filtered in the filter bed
- This ferric is removed from the media while back washing
- No addition of chemicals is required. No regeneration is also required

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ISO 9001: 2008



certificate no. 1100117056K
ISO 9001: 2015
Quality management



certificate no. 1100117057K
ISO 14001: 2005
Environment Management



certificate no. 1100117059K
ISO 22000: 2005
Food Safety Management



certificate no. 1100117058K
OHSAS 18001: 2007
Occupational Health & Safety Management