

Date: 07/11/2024

### To Whomsoever It May Concern

This is to certify that CSIR-IMMT Bhubaneswar has conducted pilot runs and tested the Iron removal media (KT-20) of M/s KYNREM Technology Pvt Ltd. No. 4/1, First Floor, Dum Dum Road, Nagar Bazar, Kolkata-700074, West Bengal, India.

The Iron removal plant filled with KT-20 media supplied by M/s KYNREM Technology Pvt Ltd was tested for feed Iron concentration upto 20 mg/L. The filter system was able to reduce iron in treated water within the Indian standard drinking water specification permissible limit i.e 0.3 mg/L (BIS 10500-2012).

The experimental results are the outcome of the pilot cycle trials and treated water quality testing & evaluation undertaken for the above mentioned filter unit during September-October 2024 operated under specified set-up and operating conditions in terms of cycle run, capacity, media properties and water characteristics & flow rate during filtration.

In order to achieve the full efficiency back wash/regeneration of plant is required whenever necessary. Further to note that, KT-20 media treated water shows increase in water pH, which need pH correction before use.

**This Certificate supersedes any earlier certificate (if issued earlier) and effective from signing date.**

N:B-This is only applicable to M/s KYNREM Technology Pvt Ltd. No. 4/1, First Floor, Dum Dum Road, Nagar Bazar, Kolkata-700074, West Bengal, India.

*R. Boopathy*

Dr. Boopathy Ramasamy  
Senior Scientist, Project Leader  
CSIR-IMMT, Bhubaneswar

डॉ. आर. बूपथी / Dr. R. BOOPATHY  
वैज्ञानिक / Scientist  
सीएसआईआर-खनिज एवं पदार्थ प्रौद्योगिकी संस्थान  
CSIR-Institute of Minerals & Materials Technology  
भुवनेश्वर / Bhubaneswar-751013