

## **INDFLOC**® **Complete Mining Process Solutions**

Ion Exchange with over five decades of experience provides total process & environmental solutions for the mining industry. Declining quality /ore grades is a general trend across the mining industry. Ion Exchange's INDFLOC range of products & services are tailor made for various mining applications. These are backed by our state-of-the- art DSIR certified R&D facilities and technology centres manned by competent scientists and manufactured at our ISO 9001, ISO 14001 & ISO 45001 certified manufacturing facilities. Our experts guide you in choosing the right points of applications for optimization of your plant.

## Applications in Mining for Enhanced Efficiency & Productivity: Coal, Iron, Zinc, Nickel etc









**Coal Slurry** 



**Belt Press for** Iron Ore Slurry

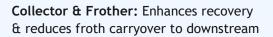
Flocculants & **Coagulants for Thickeners/ Belt** Press: Enhances recovery and improves solid liquid separation



Flotation Cell



**Coal Froth** 





**Dust Suppressant on Coal Pile** 



Dust Suppressants: Effectively reduces dusting along with maintaining compliance and site safety challenges



Coal Bucket Wheel Excavator



Lose Coal - Free Movement

Tailing Management Of Ores: Effectively recovers water & extends life of tailing storage facility

Coal Flow Aid for Wet coal in CHP: Improves the uninterrupted coal flow to bunkers during the rainy season.



Without AO- Manual Stopping of Fire

Antioxidant: Minimizes/eliminates hot spots & spontaneous combustion during storage in stock yards without degrading GHV/GCV



FA for Coal



Diesel Fuel additive for Heavy Earth Moving Equipment



Foam in Mineral Process

Fuel Additives: Diesel, bagasse, coal & furnace oil for better fuel mileage /performance, less maintenance and for a cleaner & healthy engine.

Foam Control: Range of defoamers and anti-foaming agents help improve throughput, productivity & overall profitability.



Value Added Services: Automated Preparation & Dosing systems serviced by mining experts for costeffective and long-lasting solutions

Foam in Mineral Process

## **Total Environment Solutions**

Pre-treatment, recycling and ZLD for reuse, mine water treatment as per specific need/ norms.

