

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



Iron Ore Thickener



Coal Thickener



Belt Press for 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

Collector & Frother: Enhances recovery & reduces froth carryover to downstream



Dust Suppressant on Coal Pile



Haul Roads

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



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



Coal Bucket Wheel Excavator



Lose Coal - Free Movement

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

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



Foam in Mineral Process

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



Foam in Mineral Process

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



Total Environment Solutions

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

