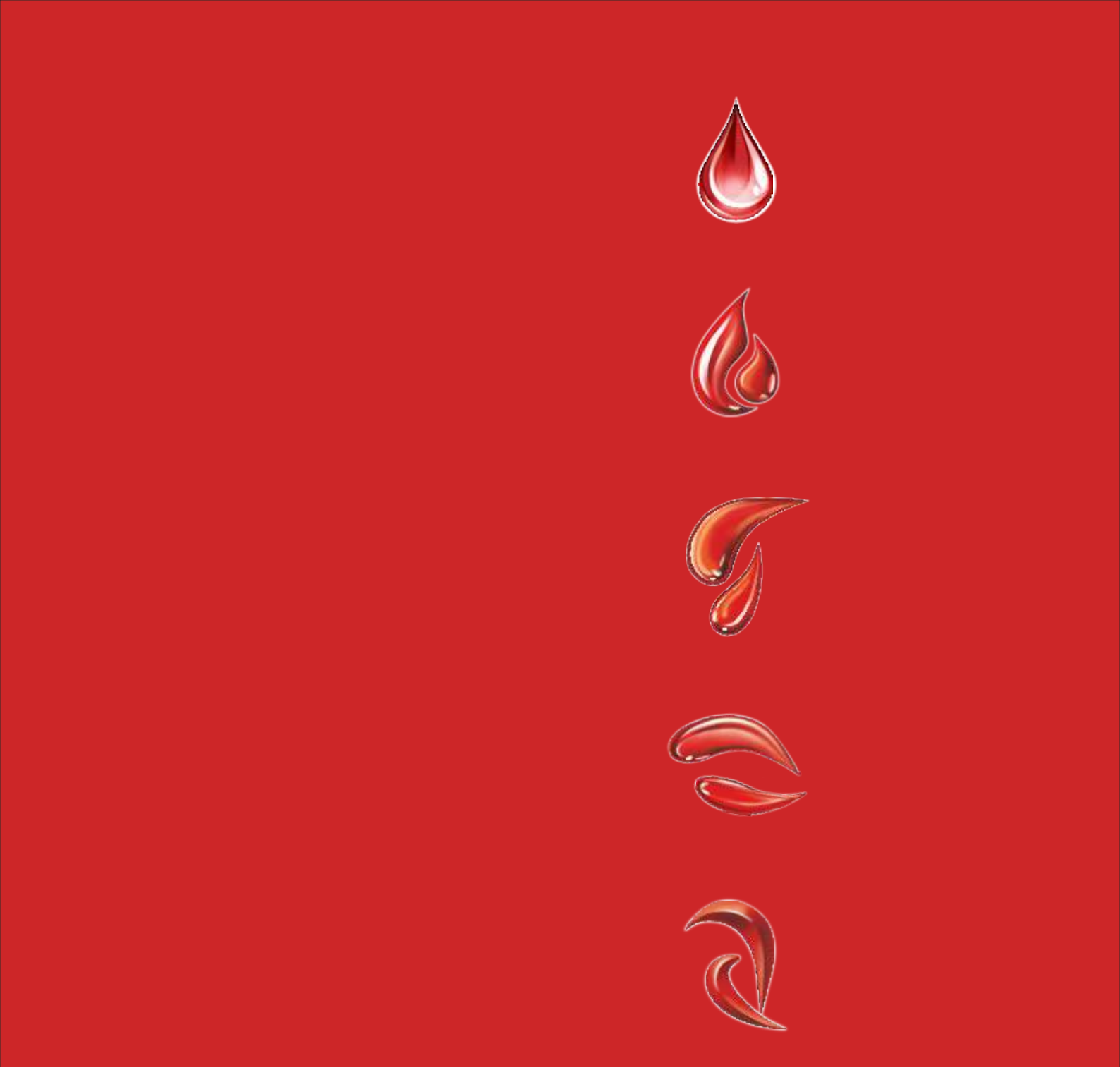


RAKIRO

Create...Innovate...Deliver!

Rakiro Biotech Systems Private Limited
www.rakiro.net

About Us

Rakiro provides solutions for testing, measurement and water treatment for the process Industry. In past few years we have made a mark in the field of testing and have a strong presence in India as well as other parts of the world with a wide network of dealers & distributors. Also with a vast experience in the field of water treatment our chemical division specializes in chemical formulations required in the smooth running of various processes and helps improve the efficiency of production. We are truly invested in understanding our clients' needs and working with them to deliver high quality solutions, with continuously reviewing and improving our way of working. All our products are evaluated and approved by major institutes and authorities in India.

Our Infrastructure

Our pragmatic workforce & state of the art manufacturing facility produces a wide range of Instruments & Field Test Kits for both microbiological & chemical analytical parameters. Our ERP system based operations help us to make majority of the product range available of the shelf. This helps all our clients in enhancing the pace of onsite Testing or Treatment & thus efficiently monitor a running process. We understand the importance of systems and processes for smooth functioning and thus we follow system driven operations. We have aquired ISO 9001:2015 certification for our Quality Management System (QMS).



Automized Production

Instrument Assembly





Quality Control

R&D Laboratory



Our Team

For us leadership is not about glorious crowning acts. It's about keeping your team focused on a goal and motivated to do their best to achieve it.



AGNISOL
Fire-Side Chemicals

FIRESIDE ADDITIVES






The primary aim of combustion is to obtain maximum amount of energy from each unit of fuel. But impurities in fuels and operational problems are limitations to achieve maximum output from burned fuel. The impurities in fuel can lead to formation of slag in furnace, clinkers on the fuel bed and the presence of sulphur can lead to the cold end corrosion. It is possible to improve the combustion of fuel and reduce un-burnt carbon in the ash. Our fireside additive plays an important role in complete combustion of fuel along with a control on corrosion deposits, slagging clinker formation, reduction in air borne pollution emission as well as inhibition of fouling.

SOLID FUEL ADDITIVE

Our Multipurpose Solid Fuel Additive is a free flowing powder treatment designed primarily for treating coal, wood, bagasse, biomass and other solid fuels. It acts as combustion catalyst and thereby loss due to unburnt fuel gets minimized resulting in improved combustion efficiency. It has an anti–fouling agent that helps to keep heat transfer surfaces clean and thus improves the steam generation for same heat transfer area. It softens the hard clinker and reduces the tendency of hard clinker formation, thus helps in reducing the maintenance & provide ease in cleaning and increase the boiler availability for long term operation. It promotes smoke free combustion at lower excess air levels, resulting in improved fuel economy.

Sr	Product Code	Product Description	Standard Packing
1	AGN6100	Coal Fuel Additive	25 Kg / 50 kg
2	AGN6200	Bagasse Fuel Additive	25 Kg / 50 kg
3	AGN6300	Wood Fuel Additive	25 Kg / 50 kg
4	AGN6400	Biomass Fuel Additive	25 Kg / 50 kg

ADVANTAGES OF USING FIRESIDE ADDITIVES

Combustion Process without Additives		Combustion Process with Additives
Incomplete Combustion of fuel	→	Complete Combustion of Fuel
Slag & Clinker Formation	→	Reduced Slag & Clinker Formation
Corrosion of surface & Cold Corrosion	→	Minimizes Corrosion & Cold Corrosion
Acid Smut Formation	→	Reduces Acid Smut Formation
Unburned Carbon in Ash	→	Decrease in Unburned Carbon in Ash
Increase Fuel Consumption	→	Reduces Fuel Consumption
Decrease in Furnace Efficiency	→	Increase in Furnace Efficiency
Increases Particulate Matter from Stack	→	Decreases Particulate Matter from Stack

Our Clients


Aban Offshore Limited
adani
asianpaints
ADM
Ambuja Cements
BASF
Balrampur Chini Mills Ltd.
Camlin
Crescent
INTRON
Clariant
Castrol
CENTURY
Cipla
Caring for life
CUMI
DOMS
DUCOL
ESSAR
STEEL
EMERSON
Climate Technologies
FUCHS
THE LEELA
GNFC
GeM
Godrej
ADITYA BIRLA
TAJ
HITACHI
Inspire the Next
HYATT
Akshaya Patra
HIKAL
VEOLIA
APAR
IndianOil
INDIGO
INTAS
ipca
IPOL
JSW
Steel
INDO RAMA
Jupiter Hospital
LODHA
BUILDING A BETTER LIFE
LUPIN
Mercedes-Benz
Mahindra
NALCO
NPCIL
ONGC
PATANJALI
HARDCASTLE PETROFER
PEPSI
Piramal
Pfizer
praj
RAMADA
Radisson
Reliance
REXAM
Ruchi
GROUP
SAINT GOBAIN
SANDOZ
Think Generics
sesa sterlite
SOUJANYA
SUN
PHARMA
TATA
TATA TRUSTS
THERMAX
TEVA
Pidilite
telabs
UltraTech
CEMENT
UPL
TATA
VALUE HOMES
Vasu
CHEMICALS
vedanta
Vaddal
MABAG
wipro
YKK
Quality Inspires
Zydus

Our Network



RAKIRO

RAKIRO BIOTECH SYSTEMS PVT LTD

R466 MIDC Rabale Navi Mumbai 400701 INDIA
Email: sales@rakiro.net Tel No: +91-22-47804040

ISO 9001:2015 Certified Company

www.rakiro.net