



Eco-friendly separation solutions  
for the mining and minerals industry

# SEPARATION SOLUTIONS FOR MINING & MINERALS APPLICATIONS



Customer: PMC, South Africa



## APPLICATION

Magnetite dewatering

## OUR SCOPE

Three continuously operating horizontal vacuum belt filters.

## WHY ANDRITZ

- Local presence
- Clear solution with low maintenance cost and high durability

## BENEFITS

- Reduced environmental risk and less downtime
- Improved tailings capacity
- More efficient use of recycled filtration water



HORIZONTAL VACUUM  
BELT FILTER

## SOLUTION

Turn-key system for magnetite ore dewatering.

# SEPARATION SOLUTIONS FOR MINING & MINERALS APPLICATIONS



Customer: Itaminas, Brazil



## APPLICATION

Iron ore tailings

## OUR SCOPE

Four overhead filter presses 2500 x 2500 mm including a Metris addIQ Prime control system and Metris addIQ Connect.

## WHY ANDRITZ

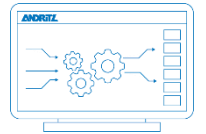
- Local presence
- One of the largest filter presses on the market
- Future-proof automation system

## BENEFITS

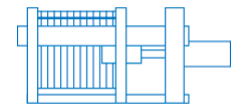
- Stackable tailings, sustainable solutions
- Optimized operation
- Lower OPEX and less water consumption

## SOLUTION

Iron ore tailings dewatering system.



METRIS addIQ  
CONTROL SYSTEM



FILTER PRESS

# SEPARATION SOLUTIONS FOR MINING & MINERALS APPLICATIONS



Customer: Dandy Premix, Australia

## APPLICATION

Tailings treatment in a sand wash line

## OUR SCOPE

Complete thickening and dewatering solution, consisting of

- Custom Thickener
- Gravity belt table
- Heavy-duty belt press equipped with Metris addIQ RheoScan

## WHY ANDRITZ

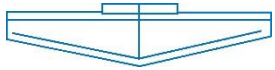
- One of the markets broadest portfolios for tailings treatment
- Global network combined with local presence
- Smart automation solutions

## BENEFITS

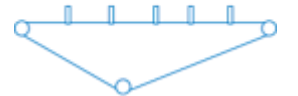
- Reduced polymer consumption (Metris addIQ RheoScan)
- Significant lower OPEX
- Solution tailored from a broad range of dewatering equipment

## SOLUTION

Complete tailored tailings treatment line



THICKENER



GRAVITY BELT TABLE



HEAVY-DUTY BELT PRESS  
(ENHANCED BY METRIS addIQ  
RheoScan)