

AQUASOURCE

CASE STUDY

BREWERY, Madagascar



Economical Safe Energy efficient Eco-friendly

Ecoskid™ INEA™ 800 m3/day

Raw water origin : network



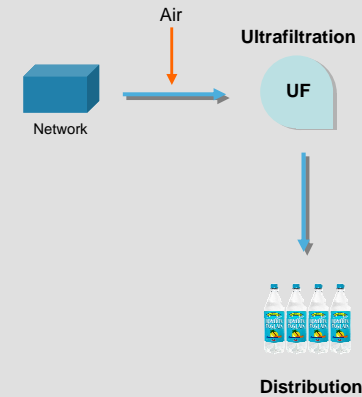
BREWERY, Madagascar

1 Ecoskid™ 8 modules INEA™ AC364

The Star breweries (the only Malagasy brewery) had been brewing beer for more than 15 years under the Three Hours Beer brand.

The network water has to reach high and constant quality all the time in order to be used a new soft-drinks production line.

Two other production sites on the island (west and south) are also using Aquasource's Ultrafiltration units.



2006

• The water:

Turbidity : < 5-10 NTU
Iron : 0.25 mg/L
Manganese : 0.02 mg/L
TOC : 2.4 mgC/L
pH : 6 to 7.5
T : 25 °C average

• Treatment objectives:

Elimination of turbidity and microbiological retention.
 • < 0,1NTU 100% of time
 • > 7 log bacteria removal



• The system:

Ecoskid™ is a "dead-end" standard automatic and autonomous Ultrafiltration unit equipped with all equipments required for its operation

- Pumps,
- PLC,
- Chlorination system,
- Prefiltration,
- Compressor,
- No treated water tank needed,
- ...

Its production varies from 10 to 200 m³/hr.

Partnership



AQUASOURCE

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