

# WATER EVAPORATION TECHNOLOGY

#### FLOATING SYSTEMS

VISION • INNOVATION • RESULTS

#### CAPACITY & EFFICIENCY ABOUT MINETEK

Minetek has been providing cutting edge water management solutions to a vast range of clients in the mining, utility and oil & gas industries around the world for over 30 years. Minetek has a well-established network of operations globally that enables us to provide comprehensive site services that ensure high levels of customer satisfaction and cost-effective solutions.

Minetek's founders noticed the need for bespoke mechanical evaporator technology that was designed from the ground up using the first principles of fan engineering and air flow and that was designed to specifically evaporate wastewater in an efficient, cost effective and sustainable way.

The Patented Minetek evaporation technology is long considered to be the world leader in its field. With over 30 years of experience in providing practical and common-sense solutions to every corner of the globe Minetek has a global team that stands behind its reputation as the world leader in mechanical enhanced evaporation technology.



#### WWW.MINETEK.COM

# **DIVERSITY OF APPLICATION**

## THE MINETEK EVAPORATOR

EVAPORATOR APPLICATIONS

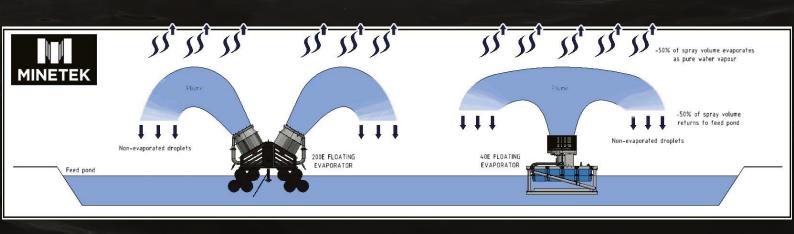
- Brine/Wastewater Disposal
- High TDS Saline Water Evaporation
- Acid/Contaminated Water Disposal
- Pit Dewatering

Process & Produced Water Disposal

Extreme Rainfall Events Causing Flooding

Tailings Water Removal & Dewatering

- Storage Dam Overloading increasing Risk of Failure
- Legacy & Mine Closure Site Waste Water
- Mine Dewatering
- Coal Ash Pond Dewatering
- Leachate Water Management



#### VISION • INNOVATION • RESULTS

# AND WORLDWIDE SUCCESS

### **ADVANTAGES & CAPABILITIES**

- Broad range of volume capacity. Systems operating in excess of 2160m<sup>3</sup>/hour (9600 GPM).
- Unique, specially configured low fouling Minetek nozzles.
- Unique ability to process water with high TDS and high TSS.
- Not susceptible to changes in feed water quality.

DESIRED WIND DIRECTION ZONE

- Proven range of construction materials.
  (Stainless steel, epoxy coating, galvanised)
- Fully integrated Environmental Management System (EMS).

STARTUP

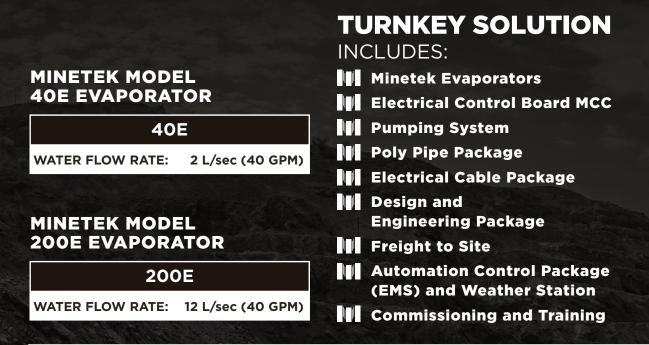
SHUTDOWNLIMIT

0.



SHUT DOWN ZONE

# **TECHNICAL DETAILS**





#### VISION • INNOVATION • RESULTS

# MINETEK

# RANGE OF INNOVATIVE SOLUTIONS AVAILABLE:

Minetek offer the world's largest and most cost-effective water evaporation technology. Minetek installations are worldwide, and we currently have over 250 projects completed right across the globe.

Minetek produce the worlds quietest mining equipment. With over 1200 mining machines sound attenuated, our experienced team will travel to your site for certification and installation of noise attenuation packages.

Minetek's ventilation solutions provide our clients with large cost savings and a guaranteed return on investment. Our state-of-the-art testing complex provides insights into a new world of ventilation.

Minetek help you protect your workers and your assets from the risk of fire. We design & manufacture dual skinned pipework, specialised silencers and heat protection products.

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WATER

SOUND

AIR

HEAT

#### **Minetek USA**

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#### MINETEK GLOBAL LOCATIONS:

AUSTRALIA | NORTH AMERICA | SOUTH AMERICA | EUROPE | AFRICA