

# Application story

  
**WANNER™**  
**HYDRA-CELL® PRO**  
SEAL-LESS PUMP TECHNOLOGIES



## Metering Nitric Acid

**Location** Indonesia (Installation: March 2013)

**Hydra-Cell model** G25EKSJCCTTB

**Type of application** Metering Nitric Acid

**Flow rate** 3700 L/hr (977 GPH)

**Liquid** Nitric Acid

**Pressure** 45 bar (653 psi)

**Application details** This global leader is an innovator and provider of water, hygiene and infection prevention solutions, and manufacturers of Pharmaceuticals.  
For this constant duty manufacturing process, Nitric Acid (58%) is used in the process of mixing ANFO and emulsion agent for use as an explosive raw material.

The blended Nitric Acid with the ANFO will be used for mining explosives and blasting services with leading players in Indonesia's mining industries.

The customer previously installed a 38 stage Horizontal Multistage pump for this process.

**Advantages of Hydra-Cell pump on this application**

- Seal-less, packing-free design
- Compact footprint
- Low energy consumption

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