

OWNER'S ENGINEER

Our approach

The design, management, and operation of water and tailings storage facilities are complex, high-stakes endeavours. Achieving optimal outcomes while minimising costs and risks requires a highly skilled team. However, engaging fully qualified in-house experts may not always be feasible or practical. Additionally, the growing number of standards and guidelines has made storage facility management increasingly demanding, inadvertently exposing owners to the risk of inefficient processes.

HATS is dedicated to supporting responsible storage facility management through our Owner's Engineer services, provided globally. We bring the technical expertise, experience, and independent perspective needed to safeguard the owner's interests—whether as a dedicated engineering representative or a complement to an in-house team.

As an Owner's Engineer, HATS offers strong engineering capabilities, deep knowledge of relevant acts, regulations, and standards, and a transparent, reasoned approach to decision-making. Our active contributions to national and international guidelines give us unique insight into current best practices.

Additionally, in HATS we familiarise ourselves with all relevant internal and external requirements - including regulatory standards, internal policies, standards, management plans and procedures - ensuring that the owner's integrity remains uncompromised.

Our services

Our Owner's Engineer services include:

- Preparation of technical scopes of work
- Development and management of design and construction projects
- Tender and construction support
- Technical reviews of deliverables on behalf of the Owner
- Preparing and implementing dam management systems, processes and documentation
- On-the-ground operation and management support for storage facilities
- Management systems development and implementation

Beyond these Owner's Engineer services, HATS can offer guidance to streamline, rationalize and optimise overarching design, management, and operational processes.

Our experience

Our team's background includes acting as both in-house and external Owner's Engineer for water dam owners and mining companies, including Water Corporation (Western Australia) and Rio Tinto Iron Ore.

Contact HATS at connect@hatsconsult.com to discuss how we can support your team with expertise in Owner's Engineer services and strategic guidance for your water and tailings storage projects.