



## INDUSTRIAL WATER REUSE GLASS FABRICATION INDUSTRY

### The Challenge:

Glass fabrication uses a high volume of water for edging and glass grinding. This is typical to many fabrication industries. Glass particulate accumulates in the water causing damage to machines and product as well as safety and environmental concerns for disposal and for employees.

The existing Centrifuge technology used by the glass cutting industry for wastewater treatment could not eliminate particles below 45 microns and was not feasible due to bottlenecks created in the production line from the limited capacity and manual operation requirements.

### Econse Solution:

Econse designed and installed a modular system combining several processes for removing the glass particles from the wastewater, and allowing water to be reused and glass “sludge” to be safely disposed.

**Our durable membranes are the perfect solution to filter abrasive materials and our fully automated modular system is applicable to other industrial applications such as metal & water jet cutting factories.**

### The Results:

3rd party lab tests proved that the ECONSE solution removed ultra fine particles to below 0.1 microns and produced wastewater suitable for reuse by the glass industry.

**Please contact ECONSE if your company is interested in a demonstration.**



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