



The Starcevic Distillation System™

Inland developed the Starcevic Distillation System™ [SDS] to offer turnkey glycol recycling services to clients in various sectors.

This scalable system is a two-stage plant that processes a 50% raw-grade glycol up to 99.8% virgin-quality glycol product.

The SDS can be used in conjunction with Inland's patented Glycol Concentrator and other treatment systems to offer closed loop recycling. This includes the production of our aircraft de-icing fluid from re-manufactured glycol, DuraGly™ and other glycol products.

Our re-manufactured glycol meets or exceeds the technical specifications for a range of industrial markets.

In order to achieve such a high quality product, a multi-step process is used, including polishing of the 99.8% glycol to remove trace contaminants.

Features

This system was designed based on refining used glycols from industrial settings and easily manages contaminants from well sites and other settings.

- The plant has a low profile [8.5 meters], and can be set up using a semi-portable configuration.
- It can operate on a variety of fuels, including bio-fuel.



Inland purpose-engineered the Starcevic Distillation System™ for glycol recycling.

- The distillate water meets stringent environmental guidelines.
- Emission standards meet or exceed all North American regulations.

Background

This system was designed and developed by Inland's long term engineer, Momcilo Starcevic and is named in his memory. Momo passed away in December of 2010, shortly after the prototype was completed.

The Starcevic Distillation System™ Specifications

Capacity [mid-sized airport]	7000 lpd [scalable system]
Two Stage Processing	50% to 85%; 85% to 99.8%
Fuel	Natural gas or others
Height	8.5 m
Footprint	7 m x 10 m
Distillate quality	1000 mg/L of glycol
Energy	20% less than similar systems

