2018

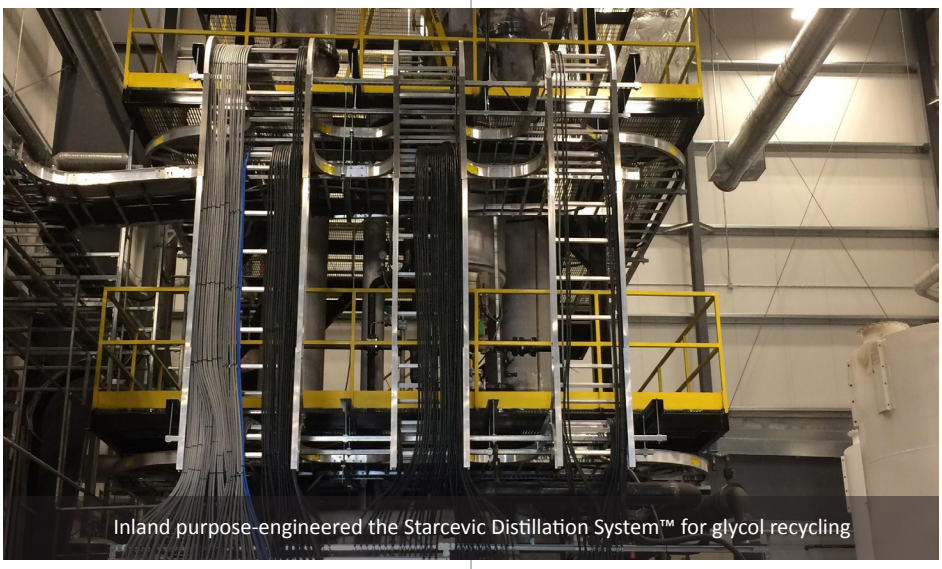
The Starcevic Distillation System™

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+% virgin-quality glycol product. 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+% glycol to remove trace contaminants.

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 ADF from re-manufactured glycol, Inland Type I [DOW Equivalent], SafeTemp® ES, and other glycol products.



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

Features

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

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.

Inland has distillation facilities in Halifax, NS, Calgary, AB, Denver, CO, and Portland, ME.

Starcevic Distillation System™ Specifications

- Capacity: 7000 lpd [scalable system]
- Two stage processing: 50 - 85%, 85 - 99+%
- Fuel: Natural gas or others
- Height: 8.5m
- Footprint: 7 x 10m
- Distillate quality: 1000 mg/L of glycol
- Energy: 20% less than similar systems