SUMMER.

Winger Refurbishment Services



Step 1: Plate Log – Visual Inspection

Every plate is identified, logged, and visually inspected to document the type of fouling.

Photos are taken of unusual wear or visual through defects.

Step 2: Old Gasket Removal

Gaskets are examined for swelling or chemical attack prior to removal. This info is reported to the customer.

Step 3: Plate Cleaning

Plates are cleaned to like-new condition in a chemical bath.





Step 4: Dye Penetrant Test – Every Plate

Every plate is dye tested for cracks and pinholes as standard procedure.

Step 5: Gasket Groove Preparation

It is very important to prep the gasket groove before applying new gaskets. Rolled grooves are the #1 cause of external leakage after regasketing. In many cases, gasket grooves can be repressed instead of having to replace the plate.



Step 6: Gasket Application

Gasket application with suitable bonding adhesive is critical in the regasketing process.

Step 7: Heat Curing

All glued gaskets are heat cured under pressure for three to four hours in an industrial oven. If the adhesive is not correctly heat cured under pressure, gaskets will often fall off during installation resulting in more down-time.



Step 8: Final Quality Control

Before shipment every plate is carefully inspected for gasket straightness, solid bonding, excess adhesive, deformations and plate pack sequence. When drawings are supplied, every plate will be returned in assembly plate sequence allowing for quick and easy installation.

Onsite Assistance

We have service teams in the Midwest, who can reach almost anywhere within 8 hours. We offer everything from onsite regasketing and plate-pack exchange to a simple pressure wash or frame repair. Our service teams have years of experience dealing with plate heat exchangers. We know how your heat exchangers are designed as we likely supplied them to your plant.

Our expertise is available to tackle any issue.

Our service teams are on call 7 days a week 24 hours a day.



