

# MANUFACTURING PLANTS FOR TWIN CITY FAN COMPANIES

## DAVENPORT, IA PLANT

Twin City Holland, a castings foundry formerly called Holland Industries, was purchased in 2002. The facility specializes in sand cast, no bake and permanent mold aluminum castings for a number of ANSI registered alloys. With the ability to cast its own propellers and components, Twin City Holland has given the organization the capability to be more vertically integrated, which is a cornerstone of TCFC's business model. Our vertical integration allows us to control our costs, quality and delivery to ensure quick product turnaround.



### KEY FACTS ABOUT THE CITY

The City of Davenport is part of the Quad Cities, a region of five cities in both Iowa and Illinois. The current population is about 102,085 people. Davenport was founded in 1836 by Antoine Le Claire and was named for his friend George Davenport, a former English sailor who served in the U.S. Army during the War of 1812. Davenport is the home of Otto Frederick Rohwedder, the inventor of mass-produced sliced bread. Another claim to fame in town is Palmer Chiropractic College, which is where the first chiropractic adjustment took place. Davenport is also internationally known for the Bix Beiderbecke Memorial Jazz Festival, which includes the Bix 7 (a 7-mile foot race).

### FUN FACT

If the years of service for all of our Davenport Plant employees were to be combined, it would be equal to 107 years of experience. That's a lot of knowledge for 11 employees!

### EMPLOYEE ACTIVITIES

Here at Twin City Holland, we only have 11 employees, but we still try to make a difference in the community. We donate to Toys for Tots, as well as to local food drives.

### CAPITAL INVESTMENTS

We are invested in making great strides in our business. This means investing in improvements at our manufacturing plants. In Davenport, we added a sand molding line.

## PLANT SPECIFICATIONS:

### SQUARE FOOTAGE

30,000 sq. ft.

### NUMBER OF EMPLOYEES

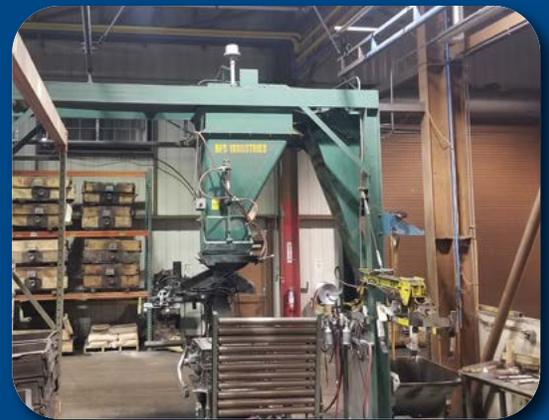
Manufacturing and Office – 11

### MANUFACTURING AREAS

Two Grinding Booths, Saw Department, Multiple Molding Stations (Squeezer, Loose Piece, Permanent Mold, Cope and Drag, and Roto Lift), Pattern Shop

### PRODUCTS MANUFACTURED

Aluminum Castings and Aluminum-Based Alloy Castings



TWIN CITY FAN COMPANIES, LTD.

### Davenport Plant

9105 N. Zenith Ave. | Davenport, IA 52806

Phone: 563.388.5410 | Fax: 563.323.2027

DESIGNERS OF AIR MOVING EQUIPMENT

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## 5S METHODOLOGY AT OUR PLANTS

In simple terms, the 5S methodology helps a workplace remove items that are no longer needed (**SORT**), designate a place for everything and put everything in its place (**STRAIGHTEN**), clean the area in order to more easily identify problems (**SHINE**), implement color coding and labels to stay consistent with other areas (**STANDARDIZE**) and develop behaviors that keep the workplace organized over the long term (**SUSTAIN**).

### WHY IMPLEMENT 5S?

- Enables everyone to “see” waste
- Creates discipline in processes
- Enables productivity gains
- Enables quality improvements
- Enables safety improvements
- Enables delivery improvements
- **ESSENTIAL** to sustaining workplace organization



### BENEFITS OF 5S

- Each aspect of 5S can lead to both immediate and long-lasting benefits.
- 5S addresses safety by making a workplace neater and more orderly. This reduces the risk of injuries, in both the short and long term.
  - A neat workplace means that frequently-used tools are stored close to hand, resulting in less time wasted searching for misplaced items.
  - Optimized workflow should also result in quicker operations.
  - Morale is improved as workers and managers take greater pride in a clean and orderly workplace.

Our 5S program is being used in addition to other Lean Manufacturing initiatives.



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## 5S PRINCIPLES AT WORK



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