



# Injection Section

## *Page 2*

**A Note from  
Steve Rogers**

**Birthdays and  
Anniversaries**

**Prototyping with  
Seelye Plastics**

## *Page 3*

**Joining in Five Decades  
of Frisbee Flinging Fun**

**Employee  
Spotlight**

## *Page 4*

**The Road to  
ISO 9001: A  
Certification Journey**

**Cooking  
Corner**



# A NOTE FROM STEVE ROGERS

What an amazing difference a year can make. One year ago we were looking at the worst sales in company history, to presently being back to our 2008 sales, which was a record year for us.

A lot of new, exciting things are happening at Anchor Plastics, such as new projects from old customers along with new projects from new customers. Almost all of our established customers have one new project with us for the coming year.

We are especially excited about working with our newest addition to Anchor's family of customers, Dapper Enterprises.

Our projected sales for 2011 are shaping up to be a 20% growth over 2010 and we are contemplating an increase in our staffing for the New Year. As our business expands we need superior employees to grow with it to help increase the quality of our services for our customers.

I would also like to give special congratulations to Chad Martens and our ISO team for securing our ISO 9001 Certification in November. Through their hard work and determination we were able to meet our goal deadline.

Again, we want to thank all of our customers, suppliers and employees for a great year and we expect 2011 to be even better. Thank you for your continued patronage and I hope you have a happy holiday and New Year.

Steve Rogers  
President  
Anchor Plastics, Inc.

ZERTIFIKAT • CERTIFICATE • 認証証書 • CERTIFICADO • CERTIFICAT



## CERTIFICATE

The Certification Body of  
**TÜV SÜD AMERICA INC.**

hereby certifies that

**Anchor Plastics, Inc.**  
8105 Lewis Road  
Golden Valley, MN 55427 USA

has implemented a Quality Management System  
in accordance with:

**ISO 9001:2008**

The scope of this Quality Management System includes:

Manufacturer of Custom Injection Molded Components

Certificate Expiry Date: November 21, 2013

Certificate Registration No: 951 10 5621

Effective Date: November 22, 2010



*G. Minks*  
Gary W. Minks  
VP, Regulatory Affairs



TÜV SÜD AMERICA INC • 10 Centennial Drive • Peabody, MA 01960 USA • [www.TUVamerica.com](http://www.TUVamerica.com) TÜV®

## BIRTHDAYS AND ANNIVERSARIES

### January

- 8th - Brandon Johnson's Birthday
- 16th - Scot Sorenson's Birthday

### February

- 10th - Kathy Coan's  
8 Year Anniversary

### March

- 2nd - Carly Sparpana's  
2 Year Anniversary
- 2nd - Chad Martens'  
2 Year Anniversary

## PROTOTYPING WITH SEELYE PLASTICS

Prototyping is to make something similar to a final design or finished part. It is a design concept to be tested, evaluated, and modified, if necessary, before the final design is completed.

Prototypes should be similar in form, fit, and function to the final design. They are a cost effective way to evaluate a design prior to spending a lot of money on permanent tooling.

Seelye-Eiler Plastics uses "Solid Works", a 3-D modeling program, to program a single part with accuracy or to run hun-

dreds of parts with repeatability. Seelye-Eiler Plastics has a complete CNC machining center that includes mills, lathes, routers, panel saws, as well as laser cutting. In addition to machining, fabrication and assembly of machined components can be achieved using hot air welding, cementing, and forming.

CNC machining is a cost effective way to manufacture prototype parts from stock shapes prior to permanent tooling being made for production runs such as injection molding. Thus, saving time and money for both the customer

# JOINING IN FIVE DECADES OF FRISBEE FLINGING FUN

The Frisbee turned 53 this year, but Phil Kennedy said the concept is at least 10 years older.

The piece of flying plastic now known as the Frisbee was invented by Walter Frederick Morrison (known as Walt or Fred), who was born in Richfield, Utah, and now lives in Monroe, Utah. Morrison designed the first concept model in 1947. Wham-O Inc. in Emeryville, California, first used the Frisbee name in 1957.

Kennedy and Morrison co-authored a book, *Flat Flip Flies Straight! True Origins of the Frisbee*. Kennedy, who lives in Wethersfield, Connecticut, still is an avid player at age 60, and a Frisbee historian. His son, Shawn, was the 1988 World Junior Frisbee Champion.

"I started playing with it and can't put the thing down," Kennedy said. "I grew up with it. It went to college with me. I started competing. I shared it with my son."

He boasts a collection of about 1,000 Frisbees.

The concept got started with a popcorn can lid. Morrison first flipped a lid in 1937 at a Thanksgiving dinner at his girlfriend's house. Then, "they discovered that cake pans flew even better," Kennedy said.

Morrison had joined the Army, serving in World War II as an Army Air Corps pilot. When he returned home after the war, he discovered how popular plastics had become. Morrison had an injection molder in California make a disc, dubbed the Flyin-Saucer, in 1948.

In 1955, Morrison designed the Pluto Platter, which looked and performed better than the Flyin-Saucer. The Pluto Platter had four parts to its mold.

Wham-O bought the rights to the design in 1957. By 1964, Wham-O had hired a marketing guru who remolded the Frisbee and called it the Pro-model, Kennedy said. That version

was popular with college students on campuses. In the mid-1970s, people

started games, canine sports and free-style Frisbee.



"Things started getting organized as a sport in the 1970s," Kennedy said. "There's been a lot of experimentation with different types of plastics that will make discs perform the

way the user wants them to perform. As plastics have evolved, they've been adapted to various types of flying discs."

The polymer processing has been adapted to make discs that won't cut the mouths of dogs, for example. And for disc golf, a player carries around different types of discs that perform in certain ways.

Joining in on the fun is Anchor Plastics, Inc. They recently met with a Frisbee manufacturing company to quote pricing for their lines of Frisbees. This particular company manufactures one standard size, but in multiple colors for all tastes in Frisbee personality.

After being awarded the project, Anchor is planning on having the tooling for the project transferred to its facility in the Spring of 2011 to begin production.



... Prototyping with Seelye Plastics continued ...

and the manufacturer.

Seelye-Eiler Plastics is also a stocking distributor of industrial plastic sheet and rod which insures a fast turnaround for prototypes that have to be evaluated quickly.

Scott Favre  
Seelye-Eiler Plastics  
<http://www.seelyeplastics.com>



## EMPLOYEE SPOTLIGHT

Anchor Plastics, Inc. is pleased to introduce **Chad Martens** as the Quality Manager.

Chad came to Anchor Plastics with over five years of experience in the injection molding field, having spent time running a press as an operator, installing a mold as a mold technician or qualifying product as the Quality Manager. He has spent time in most aspects of the industry.

After starting with the company in March 2009 as a mold technician, he was promoted to the Quality Manager's position in July 2009. Here he split time on the production floor as well as integrating himself into the Quality Manager's position.

In December 2009, Chad was given the goal of prepping the company for ISO 9001 certification by the end of 2010. The company has since completed the Stage Two audit with favorable results and received its certification this past November.

With the New Year brings new goals and one of them is increasing the effectiveness of the training program. Chad continues to excel with any project assigned to him and looks forward to any challenge presented to him. As a member of multiple teams within the Anchor family he is always ready to share his knowledge with everyone.







# THE ROAD TO ISO 9001: A CERTIFICATION JOURNEY

## ANCHOR PLASTICS, INC.

8105 Lewis Road  
Minneapolis, MN 55427

Phone: 763.546.2401  
E-mail: sales@anchor-plastics.com

<http://www.anchor-plastics.com>



When Anchor Plastics, Inc. decided in December of 2009 that it was going to be ISO 9001 Certified by the end of 2010, it had a daunting task in front of them. While Anchor's processes and procedures have been in place for over 40 years, it was a matter of compiling and organizing them to meet ISO's standards.

ISO 9001 was initially published in 1987 and specifies the necessary components of a quality management system and the basic requirements of the quality function for all industries. Today, more than 90 countries are members and there are over 700,000 ISO 9001 certified companies around the world, all demonstrating a commitment to continual improvement in quality.

Like most larger-scale initiatives, there are a number of steps to take prior to the certification to minimize cost, reduce risk of failure and maximize value.

**STEP ONE: Management Commitment.** A commitment from senior-level management is a driving force in this initiative and employees must understand and embrace corporate vision.

Commitment also involves assigning responsibility and authority for quality initiatives, planning, problem identification, solution implementation and control.

**STEP TWO: Planning.** Companies should appoint a task force responsible for creating the implementation plan. This includes roles, responsibilities, deliverables, time lines and budget.

**STEP THREE: Documentation.** ISO 9001 documentation standards are very clear and this is an area that requires attention to detail, commitment to effective implementation and to maintenance. It is recommended that a company separate its documentation into tiers, with each tier representing a different level of detail.

- Tier One: Quality Manual. Identifies the strategies and policies of an organization and answers the question, "Why does your business do what it does?"
- Tier Two: Processes and Procedures. Details such aspects as what should be done, when and where it will be done and who will do it?
- Tier Three: Work Instructions. Provides details on how specific tasks or operations, as identified in Tier 2 Processes and Procedures, are to be performed.
- Tier Four: Quality Records. Includes forms, charts, illustrations or checklists that are used on a daily basis.

ous levels in the organization.

3. Reviewing documentation and evaluating quality records.

The auditor collects evidence that the company has implemented a quality management system in compliance with the ISO 9001 standard and that the practices match the descriptions captured in the quality documentation. All must be aligned to ensure overall success and continuous improvement.

A closing meeting is conducted at the audit's completion and all identified problems are reviewed. If all goes well, the company will be recommended for certification and issued an ISO 9001 certificate. If nonconformances are identified, the audit team will confer and agree upon the required follow-up actions.

Following the certification audit, an auditor will return periodically (once or twice a year) for routine surveillance visits. This ensures that the management system continues to comply with ISO requirements and continuously improves. The auditor will evaluate portions of the quality system for evidence that the system's original baselines are still being followed.

Anchor Plastics met their ISO goal by receiving their certificate from the auditing company TÜV SÜD in November 2010, over a month ahead of schedule.

All of their hard work has paid off and Anchor can now begin spreading the word about their big accomplishment.

**STEP FOUR: Auditing.** The process begins with an informational meeting between your company and the auditor. The auditor summarizes their role and explains the auditing process. During the initial meeting any specific issues that need to be resolved prior to the actual audit will be identified. A quality manual review is also done prior to the audit.

After all the planning and preparation comes the actual audit. The length of the audit depends on the size of the business. Being a smaller business, Anchor's audit was completed in two days. Audits are typically performed by:

1. Touring the facility and observing ongoing operations.
2. Interviewing employees working at vari-

... with featured chef: Tony Boire



Recipe For:

Cheesy Snugglers

Ingredients:

Directions:

- 1 - 8oz package of shredded cheddar cheese
- 2 - 8oz cans of Pillsbury refrigerated crescent dinner rolls
- 1 - 1lb package of cocktail-sized smoked link sausages (approximately 48)

1. Unroll dough and separate into triangles. Cut each triangle lengthwise into 3 narrow triangles.
2. Sprinkle cheddar cheese across triangles and gently push into dough.
3. Place one sausage on the shortest side of each triangle. Roll up each and place point side down on two ungreased cookie sheets.
4. Cook according to biscuit directions, or until golden brown.

Yields Approximately 48 Servings