

# SOLUTIONS

from Gasser

WINTER 2011 / VOL. 22

## ISO POLICIES ASSURED AT GASSER

Following the rules and regulations of ISO is a very serious matter at Gasser & Sons and all of us are proud of our ISO 9001:2008 certification. To keep us on our toes, two of our people, Victor Kawiecki (NC Machining Department) and Drew Wilensky (Purchasing Department) recently completed the ISO course for internal audits. The comprehensive program, held over a 2-week period, covered many integral aspects of internal ISO auditing.

"The course began with a discussion of how to approach people in the company with regard to the audit," said Victor. "Many think it's a 'witch hunt' and feel they're going to undergo something as unpleasant as a root canal at the dentist. We learned how to put them at ease and let them know its purpose is to help them become better at what they do and help our company be of greater value to our customers. After that, we concentrat-

ed on what to look for in each department and what questions to ask about operations performed and the paper work and documentation needed for ISO compliance."

"For example," said Drew, "in the warehouse we check on the records for incoming raw materials including certification from the mill, documentation of heat treating to specified tempers and accuracies of thicknesses and tolerances. In the deep drawing, stamping and machining departments, we document the first article and every 'Nth' piece thereafter for the entire production run. These report cards travel with the job. The operators on the floor as well as our inspectors in the Quality department are checking accuracies and tolerances. Gauges and instruments used for inspection are checked for calibration and documented accordingly."

"Training is another aspect that is audit-

ed," adds Victor, whether it is training on a machine tool on the production line or a forklift in the warehouse, the schedules and training steps are documented and certified. We also have training on our computerized system for workflow throughout the company. In the purchasing department, for instance, we train people on how to enter purchase orders, track them, order and track materials, and so on, with every step of training documented along the way for accuracy and verification."

Both Victor and Drew agree that one of the major benefits of ISO is the assurance of job coverage. Because the paperwork and documentation of each job is so complete, if someone is out for any reason, another employee trained in the operation can step in and do a particular job by following the step-by-step instructions that are estab-



Victor Kawiecki (L) and Drew Wilensky (R) have received ISO internal audit course certificates of completion.

lished for that job. Having completed the course, Victor and Drew will join others at Gasser in performing several internal audits each year. At the annual external audit, ISO will also examine the paperwork generated by these internal audits in addition to all other facets within the broad scope of ISO certification.



## GASSER AWARDED ITAR REGISTRATION

Gasser & Sons, Inc. has been awarded ITAR registration by the United States Department of State. Any person who engages in the United States in the business of either manufacturing or exporting defense articles or furnishing defense services is required to register and keep their registration current pursuant to ITAR (International Traffic in Arms Regulations). An article or service may be designated as a defense article or defense service if it:

(a) Is specifically designed, developed, configured adapted, or modified for a military application, and

(i) Does not have predominant civil

applications, and

(ii) Does not have performance equivalent to those of an article or service used for civil applications; or

(b) Is specifically designed, developed, configured, adapted, or modified for a military application, and has significant military or intelligence applicability such that control is necessary.

Precision deep drawn, stamped and machined components from Gasser are found in missile guidance and targeting systems, bomb fuses and missile skins, as well as instrumentation, flight control and life support systems in aircraft.

GASSER & SONS, INC.  
440 Moreland Road  
Commack, NY 11725

### THIRTY-SIX YEARS AFTER GASSER'S 1916 FOUNDING, IN 1952:



1/9/52

Marines give notice they will recall Ted Williams to active duty

11/26/52

First modern 3D movie, "Bwana Devil," premieres in Hollywood



12/3/52

First TV broadcast in Hawaii



## TRADE SHOWS

We look forward to welcoming you to our booth at these upcoming shows:

**Design-2-Part Show**  
March 16-17  
Atlanta, GA

**Design-2-Part Show**  
April 13-14  
Phoenixville, PA

**Design-2-Part Show**  
5/3-4  
Schaumburg, IL

**Design-2-Part Show**  
5/18-19  
Santa Clara, CA

**Design-2-Part Show**  
6/14-15  
Covington, KY

## ABOUT GASSER...

- Founded in 1916, owned by the founding family's third generation.
- Providing deep drawn, stamped and machined precision parts to industries ranging from medical X-ray, electrical and electronic, to laser, electro-optical, defense, aerospace and semiconductor.
- Equipped with mechanical, hydraulic and transfer deep drawing presses, as well as machining and turning centers.
- "People" resources, with a staff of over 100, that include degreed engineers, tool & die makers, machinists, CNC operators and programmers, a quality control team and the backing of ISO 9000:2008 certification.
- Computerized manufacturing and warehousing systems to schedule and track your job from raw materials, through the manufacturing cycle, to finished parts and coordinated delivery.

*Celebrating*  
**95**  
YEARS  
1916 - 2011

### FOREIGN EXCHANGE RATES

As of 2/16/11 Per US \$

Canadian Dollar	.98
British Pound	.62
Chinese Yuan	6.58
Euro	.74
Japanese Yen	83.73
Swiss Franc	.96

### GASSER & SONS, INC.

440 Moreland Road  
Commack, NY 11725  
(631)543-6600

Fax: (631)543-6649

E-mail: [sales@gasser.com](mailto:sales@gasser.com)

[www.gasser.com](http://www.gasser.com)

**CERTIFIED**  
**ISO 9001:2008**

## FIRST PASSENGER JET FLIGHT

In the timeline section of our last issue, we erroneously reported that 1951 heralded the first jet flight with paying passengers and depicted a Boeing 707. We have since received an email from David F. Wagoner, a designer with Northrop Grumman Corporation, giving us the correct flight information. David tells us that the "first" was a DeHavilland DH 106 Comet and was flown by BOAC. It took off on May 2, 1952 as the world's first "jetliner" flight with fare-paying passengers, beginning scheduled service to Johannesburg, South Africa. Pan Am was the first airline to fly the Boeing 707 and that aircraft's first commercial flight was from New York to Paris on October 26, 1958. David also told us that the photo we had used in our timeline was the prototype of the Boeing 707 that is now at the Smithsonian. He remembers watching that prototype fly into Baltimore, Maryland's Friendship International Airport (now named, Baltimore/Washington International Thurgood Marshall Airport) as part of Boeing's advertising campaign.

Thank you, David. Reader input is always appreciated.



**Ooops!**

## WE THINK GREEN AT GASSER

Throughout the various departments at Gasser, we do our best to make sure that recycling is standard operating procedure. Blue bins, for example, are conveniently located for depositing waste paper for bundling and regular pickup. In our machining departments, rows of milling machines, lathes, machining centers and turning centers are busy producing two things...precision parts and loads of chips. In the metalworking industry, these machine tools are frequently referred to as "chippers." It is not uncommon to remove 30% or more of a piece of raw material to result in a finished component after all the milling, turning, drilling, boring, chamfering and threading operations are completed. In the press department, although careful planning assures optimum use of plate and strip materials for deep drawing and stamping of precision components, a certain amount of scrap is inevitable. Barrels are located in each production department and labeled for each type of material, such as aluminum, steel, stainless steel, nickel, copper, monel, kovar, brass, etc. and are collected on a scheduled frequency by an outside metals recycler. Keeping our "left-overs" out of landfills and back into product materials is good for our company, our customers and our planet.



Filling a recycling bin with aluminum scrap in the press department.

## MILESTONE

In this issue we celebrate **Tebiel Aujour's** 18 years of service with Gasser & Sons. Tebiel is a machine operator in our press department. Whether deep drawn or stamped, the parts leaving his station have his personal attention to quality. Thank you, Tebiel, for your many years of service.



Nickel alloy chips are poured into the appropriate barrel for recycling in the NC machining department.

## \$OLUTION \$EARCH.

The correct solution to last issue's puzzle is: 2 days. The winner of the drawing of the correct answer is Danny Lambert of Rolls-Royce Test Equipment. Enjoy your \$100 Home Depot gift card, Danny!

## HERE'S THIS ISSUE'S BRAIN TEASER:

You attend a carnival that has five fortune tellers. The first fortune teller's prediction has 78% chance of being correct. The second has 57% chance of being correct, the third 44%, the fourth 29%, and the fifth 6%. In order to get the best prediction of your future, which fortune teller would you go to?

Send your answer, along with your name and address to [sales@gasser.com](mailto:sales@gasser.com) and have your correct answer entered into a drawing for a \$100 Home Depot gift card. Good Luck!

