



## ISO14001 PERIOD RENEWAL AUDIT COMPLETED

*Kiryu, Japan*

**F**or four days last quarter, Lloyd's Register Quality Assurance remotely conducted the periodic audit for ISO14001. According to the sampling, there were no non-conformities to the standard requirements. There were 35 good comments and 9 suggestions for improvement. From the suggestions for improvement, the following three are the main areas:

### 1. Document Management

It was noted there was an operation example in which a ledger was printed on paper and an approval stamp was used. However, digitation (paperless) is preferred because of better efficiency and less waste.

### 2 Compliance

It was noted that some older substances on the compliance list have not been deleted, so the compliance list needs to be updated to not only include newer substances but also to delete any that should no longer be on the list.

### 3 Competence

Educational materials for the ISO14001 requirements have been divided into beginner, intermediate and advanced levels. Currently, the emphasis is on implementation, but in the future it would be effective to also incorporate feedback from the students so the effectiveness of the education can be more completely evaluated.

The other comments will be reviewed by each department and the improvements will be implemented to further strengthen the management system.●

## SUPER TAIKYU RACING RESULTS

*Okayama, Japan*

**T**he Super Taikyu Race in Okayama was the final race of the Super Taikyu Series and it was held last quarter. The Toyota Corolla with the hydrogen engine manned by the Rookie Racing team attracted a lot of attention. However, this time Toyota Motor Corporation's President Akio Yoyoda invited a Mazda vehicle with a diesel engine to the race. This car and engine uses a biofuel, and it was the first time that this car raced. It attracted as much attention as the carbon neutral Toyota hydrogen race car. Both these cars, use a racing clutch made by Ogura. The Toyota Corolla with the hydrogen engine came in second place in the ST-Q Class of Group 2 and the GT Supra came in first in the ST-Q Class of Group 1.●



*Corolla with  
Hydrogen Engine*



*Mazda Car running  
on bio-fuel*



*Rookie Racing Second Place  
Finish*



*1st Place Finish for  
GT Supra Team*

## Ogura Employee Profile

### Tomomi Okada Accounting Assistant

**H**i, my name is Tomomi Okada and I joined Ogura as an accounting assistant in January 2022. I also work as a contact person for J-SOX and financial reporting with Ogura Japan. Being able to handle financial statements in English and Japanese is a great learning experience for me. In the accounting team, I am learning the accounting process with the support of Supal Patel and Louisa Kinoshita.



*Tomomi Okada (right)  
pictured with  
her daughter, Rina*

After graduating from high school in Tokyo, Japan, I went to study in the United States. After earning a master's degree in finance in Boston, I came to New Jersey for my first job.

I worked as a data analyst dealing with market information, such as financial statements, companies' earnings, and index information. I also started to learn bookkeeping to help my husband's small business.

I believe that OIC is the right company to perform my knowledge and to learn new things about the accounting process.

I have a 14-year-old daughter, Rina, and a 9-year-old son, Takuma. Balancing work and housework are difficult, but I spend every day happily with my family. I love Japanese tea and I have a certificate for Japanese tea advisor. I would like to spread the goodness of Japanese tea in the United States. ●

## FAREWELL TO JUNICHI EBISAWA

*Somerset, NJ*

**M**r. Ebisawa "Ebi" joined Ogura in 1973 and after 49 years with the company, has officially retired this quarter. Ebi came to the United States in 1983 to lead the engineering group and to help support Ogura sales through what was the Kanematsu Goshō Trading Company at the time. During his time in the US, Ebi had two children and he was always proud to say, "they were engineered by Japanese, but made in the USA."



*Junichi Ebisawa*

When Ogura spun off from Kanematsu and formed Ogura Industrial in 1998, Ebi assumed additional management roles and became a corporate officer. As the years went on, he ascended to a Director's position.

Ebi will be returning to Japan the second quarter of 2022, but hopefully he will return from time to time to visit current employees and old friends. *"I want to thank all of the great customers and sales reps that I have gotten to know over the years. I have enjoyed working with all of you and seeing many different parts of this great country. It has been my pleasure to work along side you and to help your products help improve the world. Again, thank you all and I wish you health, happiness and success in the future."* ●

## 2022 OIC PROMOTIONS

*Somerset, NJ*

The following Ogura Industrial personnel have been promoted as follows:

Rudy Kiefer, Operations Manager and Corporate Officer (Secretary)

Brian Mather, Sales and Marketing Manager

Nancy Kisijara, Senior Customer Account Manager

Marlo Iaione, Senior Customer Account Manager

Jim Andes, Application Engineering & Warranty Administration Manager

Supal Patel, Accounting Manager

Congratulations everyone! ●



*Rudy Kiefer*



*Brian Mather*



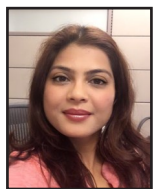
*Nancy Kisijara*



*Marlo Iaione*



*Jim Andes*



*Supal Patel*



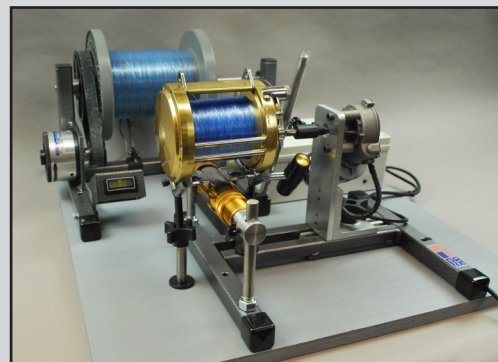
# Application Story

## ***Don't Play Loose with a Big Fish***

**F**ishing is one of America's most popular leisure activities. For some, it's a weekend getaway with family or friends. For others, it's a career. Regardless of where one might fall in this spectrum, there are two necessities to engage in this sport – a rod and a reel. Whether fly fishing a stream in Montana or trolling for sailfish far offshore, dependable equipment is a necessity for a successful and enjoyable outing (along with bait of course).

As with any sport or activity, the proper preparation of the gear being used is critical to the enjoyment and in many cases, the success of the specific outing. Prior to ever leaving the house to get to the fishing hole of choice, one must ensure that the rod and reel are in tip-top shape. With a fish on the line, the fisherman (or woman) must have confidence that the fish hooked can be reeled in with no issues.

Before ever getting out to the lake or ocean, a new reel must be fitted with the correct line. For larger deep-sea reels, winding over 1500 yards (that's almost a mile) of line correctly can be a daunting task. That's where the Ogura product line of slip and tensioning clutches and brakes comes in. Numerous companies manufacture what are called "line spoolers", which assist in transferring the line from the manufacturers' spool to the reel. Many of these are simple stands in which the spool of line is mounted to a shaft and allowed to turn freely while the operator is winding the reel. Too much or too little tension when winding the line can result in line breakage or "bird's nests", where the line becomes entangled in itself during operation.



*PHT-10D providing tension to the spooler*



*Ogura PHT  
Permanent Magnet Brake*

The addition of the Ogura PHT line of permanent magnet hysteresis clutches or brakes to the spooler provide the ideal tension for any size reel. Mounted to the output shaft of the spooler, the PHT provides constant line tension to the reel as it is being wound. This guarantees the smooth discharge of line when casting or reeling in.

Since torque is produced magnetically, not through friction, torque is accurate and dependable. The PHT units work by having two opposing sets of permanent magnets facing each other with a hysteresis disc in between. The disc does not touch the magnets, however, magnetic flux is transferred into the disc and since the disc is attached to the shaft, creates drag. Changing the position of the discs so they are aligned or opposed gives a variable torque from min to max. Torque is also constant regardless of speed, so there are no concerns with any variations while winding the line. Each PHT clutch/brake also features easily adjustable torque settings, so depending upon the size of the reel and line thickness, the proper tension can be applied. Finally, since the PHT is composed of permanent magnets, no external power is required.

This application is one of many in which the PHT can be utilized. Other applications include capping operations, paper feed as well as wire and web tensioning. For more information on the Ogura PHT line as well as other tensioning products, visit us at [www.ogura-clutch.com](http://www.ogura-clutch.com) •



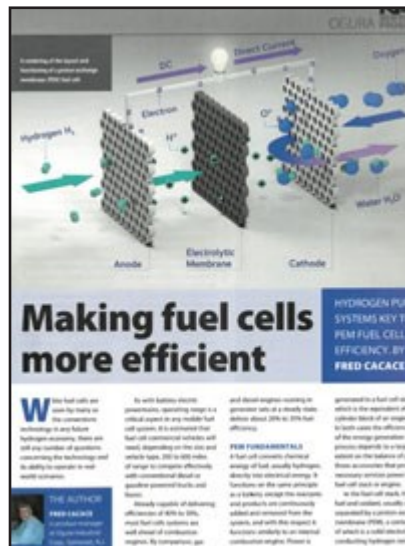
## Ogura in the News

# MAKING FUEL CELLS MORE EFFICIENT

New Power Progress Magazine

**T**his quarter, an article was published in New Power Progress highlighting Ogura's modified air blowers for use in fuel cells. The article highlights how Ogura's efficiency is paying off by having more electrical energy output in a variety of fuel cell applications.

Wet hydrogen is very corrosive for some components, but Ogura's modifications have allowed fuel cell vehicles, that are running Ogura pumps, to achieve tens of thousands of hours of operational life. ●



Article in New Power Progress

# 2022 LEADERSHIP IN ENGINEERING

Design World Magazine

**I**n January, Design World published their 2021 winners of the LEAP awards where Ogura took bronze in the mechanical category. The magazine also featured the Leadership in Engineering section where Ogura's capabilities for clutches and brakes in automotive, industrial, construction and outdoor power equipment were featured as well as Ogura's air blowers that are growing in popularity for their use in fuel cells. ●



Ogura's profile page in Design World

# SPECIAL LECTURE AT GUNMA UNIVERSITY

Kiryu, Japan

**I**n the US, there are 50 states. In Japan, there are 47 prefectures. Ogura's hometown of Kiryu is located in the Gunma prefecture. Last quarter, at the request of the Faculty of Science and Technology of Gunma University, Ogura was asked to give a lecture on "Global Environment and Corporate Compliance". Ogura personnel focused on industry pollution (air/water) and the effects of climate change. Ogura personnel used specific examples of how Ogura was reducing its overall environmental footprint and how the ISO14001 guidelines were implemented.

Because of the coronavirus, the event was held remotely. Although Ogura personnel touched on many issues, attendees were primarily interested in global warming and CO2 reduction measures. ●