JIPM News

■JIPM-Subscribers service has commenced.
JIPM began a new service called “JIPM-Subscribers” in April, 2015 with the aim of transmitting accurate information about Monozukuri including TPM and we have started recruiting members. Subscribers will receive the latest information from JIPM, interviews and serializations by TPM Awards Assessors and showcase examples of companies every other month by e-mail. By not only providing information from JIPM but also receiving information from subscribers, we believe that we will be able to further enhance this service provided overseas.

■The TPM Awards 2014 ceremony was held.
The TPM Awards 2014 ceremony was held on 18th March, 2015 at Kyoto International Conference Hall. A total of 460 people including TPM Awards Assessors attended as well as 88 companies who received awards.
After the conferment of commemorative shields by Assessors at the ceremony, there was a keynote speech from ARÇELİK A.Ş.ELECTRICAL MOTOR PLANT (received Advanced Special Award), Tetra Pak (Kunshan) Co., Ltd (received Advanced Special Award) and Grupa Żywiec S.A. Browar Żywiec (received Special Award) who talked about company activities up to the receipt of this award.
Images of the awards ceremony can be viewed on YouTube. (https://www.youtube.com/channel/UCJ3cXvFG4K1KfpKfSvprQQA) In addition, the day after the ceremony, TPM Seminar was held as titled “Next Step for Advanced/World Class”. There was a lecture from Mr Sakaguchi, one of the TPM Award assessor, and a speech from Takaoka Chemical Co., Ltd and 44 people including 2014 award-winning companies attended.

■We started the Monozukuri Test in Thailand.
JIPM established the Monozukuri Test in 2014, a test that recognizes qualifications targeted at overseas employees. We consider that the spread of knowledge and concepts of Monozukuri...
(manufacturing/craftsmanship) links to support for resolving issues at production sites and we are developing this test not simply as a means to evaluate knowledge levels through the acquisition of qualifications but also to create educational materials and build systems in order to achieve this. The 1st test was held in Thailand in November, 2014 and 397 people from 31 companies took part.

This is JIPM's first attempt of this kind and it is being deployed in Thailand first of all but once the basics are in order, the objective is to expand to other regions.

For more details see the information on the JIPM website (mostly in Japanese or Thai).

Monodzukuri Test Website URL > http://www.jipm.or.jp/business/training/monodzukuri.html

■ We will hold the Karakuri KAIZEN® Exhibition 2015.

We will hold the Karakuri KAIZEN Exhibition 2015 in Nagoya from 1st to 2nd October, 2015. There will be exhibits of ‘fun work improvements which are superior in creativity without high cost or energy’ at the production sites of each company and this year will be the 20th anniversary of this exhibition.

Karakuri Kaizen is a technology that supports Monodzukuri and with the recent gathering of focus as an effective trump card on the path to Low Cost Automation, there is an increase in the number of exhibits and participants from overseas.

Drucker states the following about the roles of management.

All kinds of organizations including companies are institutions in society. The reason why organizations exist is to fulfill social goals. There are 3 roles that organizations themselves play in contributing to society: 1) companies achieve economic performance, 2) achieving performance engages self-actualization and 3)
1. Introduction

Takaoka Chemical Co., Ltd. was established in 1918 as a business segment in charge of manufacturing transformers within the former Takaoka Electric Manufacturing Co., Ltd. and demerged from it in 1982 to focus thoroughly on epoxy molded products. Our work has included research, development, product design, manufacturing and quality assurance. Presently, we are focusing on expansion through the promotion of original operating activities.

The progress of our company and the characteristic products that we have produced are shown in Figure 1. We developed and delivered the nation’s first flame-resistant oil less mold transformer 43 years ago, in 1971. In 1997, we expanded into the ceramic product field, with offerings such as ceramic condensers and zinc oxide element arrestors. In 2002, we commercialized insulating parts applicable to 800 kV, the world highest system voltage at the time. Currently we are the only manufacturer in Japan able to produce extra-high voltage FRP insulating rods applicable to 1,100 kV. Also, in 2004, we started the production of hydrogen generators, which are environment-related products targeting general customers.

Our main products are largely classified into transformers, insulating parts and environment-related products, as shown in Figure 2. Among them, our mold transformers (MTRs) are the products upon which we have focused the most. Our MTRs are flame-resistant and can withstand fire because they do not use electrical insulation oil. They also have the merit of being maintenance-free. Owing to these characteristics, the use of our MTRs has expanded to high rise buildings, hospitals, subways, data centers and semiconductor factories. We have increased our share in the MTR market over the years by developing products with new specifications catering to our customers’ needs. Thus, our MTRs are the products that...
Tags are attached to the points of nonconformity found during cleaning or inspection, "efu" (tag) indicating the content of conformity. The tags attached are removed only after improvement steps are completed. Applying tags, designed to mark the points of nonconformity detected, also helps remind people of making improvements and preventing them from going unattended for a long time.

There are two kinds of "efu": white and red. White efu is used as the mark calling for rectification by operators in "Jishu-Hozen", while red efu is an indication of the need to call on specialists, such as maintenance men for correction.

Removed efu should be retained and sorted out. It is suggested that a record should be kept of the number of nonconformities and improvement cases, and what kind of nonconformities were corrected by how much and of how many failures and defects could be prevented in advance.

*Reference Information*

JIPM sells Efu / Tag in English, Spanish and Portuguese and Thai. If you are interested, please contact the secretariat.

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