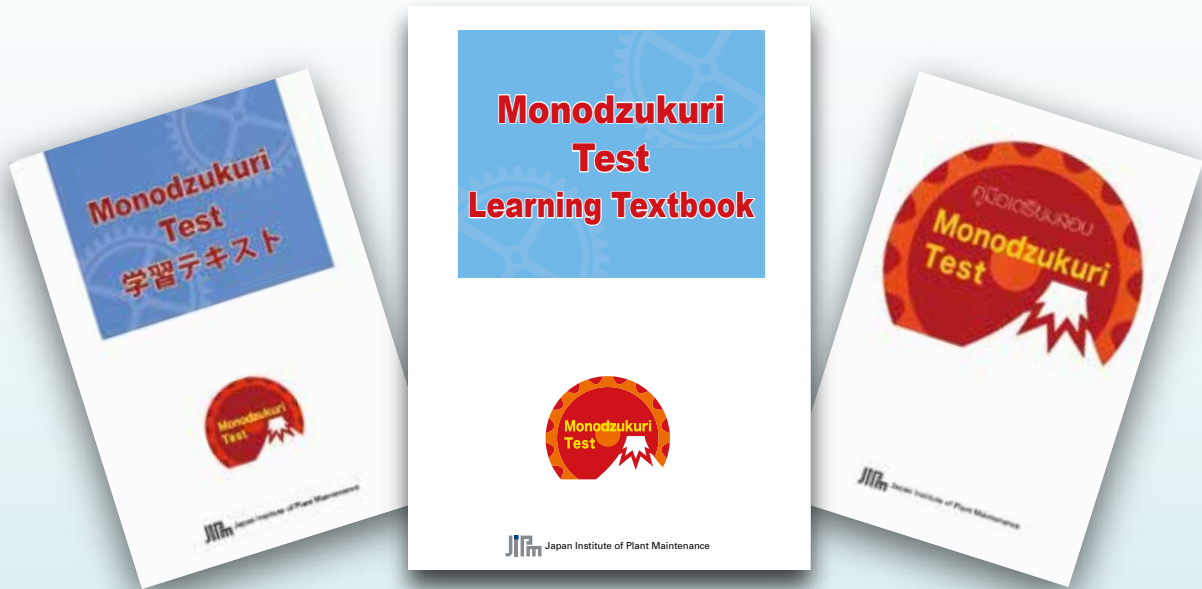




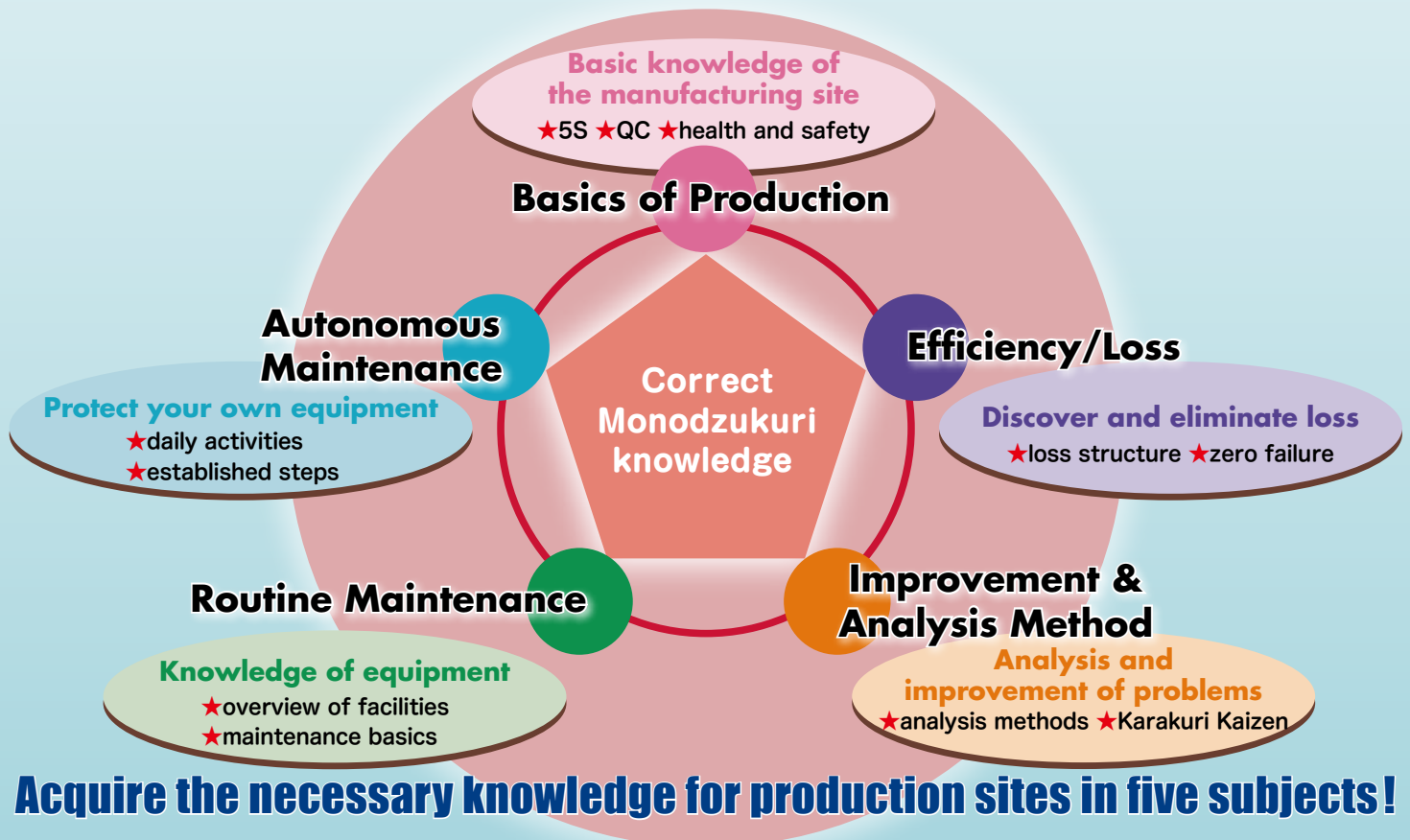
# English Version of Monodzukuri Test Distribution Notification

To meet great demand, the **Monodzukuri Test study guide has been translated into English!**

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**Acquire the necessary knowledge for production sites in five subjects!**



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# What's Monodzukuri Test ?



The Monodzukuri Test originated in Japan ! It is a certification test for overseas manufacturers. The test was established in 2014 and is currently available only in Thailand, but many company employees in all kinds of industries have taken the test.

We are planning to have tests in other regions in the future, but we have decided to distribute the textbook in English prior to administration of the test.

Please visit our website for more information about the Monodzukuri Test.

⇒ <http://www.jipm.or.jp/en/activity/monodzukuri/index.html>

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# English TPM Glossary

# TPM Glossary

## TPM Glossary

Japan Institute of Plant Maintenance

### 8-shaped development

8の字展開

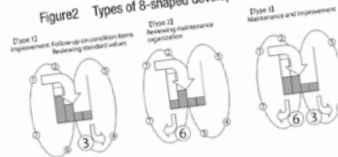
The 8-shaped development method is a means of promoting the activities and organizing quality control systems. The 8-shaped development method basically has seven steps, formed by combining the two fundamental phases (maintenance and improvement) with the PDCA cycle (the basics of management). Figure 1 depicts the concept.

The first step in the maintenance management phase is the analysis of the status quo, in which malfunctions are discovered. The second step is restoration, in which the malfunctions are addressed to restore what is right, and the results are checked and evaluated. Then the path is divided into the third and sixth steps as shown in Figure 2. Following these steps strengthens the system of quality assurance.

Figure1 Concept of 8-shaped development method



Figure2 Types of 8-shaped development method



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### equipment failure loss

設備故障ロス

Time loss that results from sporadic plant stoppage where plant or equipment ceases to function as specified.

53

**Recommended for  
on-site training  
and communication at  
overseas plants!**

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**Filled with terms**

**used on the production site!**

**"How can I explain it in English?"**

**Terms that come in handy during times  
like this have been collected together  
in this compact textbook.**

- Optimal compact size for on-site activities
- Over 350 terms selected from TPM/maintenance-related terminology
- Each term is carefully explained in English

**Terms learned with the Monodzukuri Test textbook are also included.**

※ Please look on the reverse side for details of the Monodzukuri Test

Monodzukuri  
Test  
Learning Textbook



JIPM Japan Institute of Plant Maintenance

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# Total Productive Maintenance Training Textbook

English Text

The image shows the cover of the 'Total Productive Maintenance Training Textbook' on the left. The cover is yellow and features the JIPM logo, the title, and the TPM Award Committee logo. To the right is a detailed diagram titled 'Loss Structure During Production Activities (16 Major Losses)'. This diagram is a flowchart showing the flow from 'Manager Efficiency' through 'Equipment Efficiency' to 'Losses'. It includes categories like 'Operating standards', 'Working hour', 'Loading standards', 'Loading time', 'Operating time', 'Performance loss', 'Defective quality loss', 'Input energy', 'Input materials', 'Effective energy', 'No. of qualified products', and 'Weight of qualified products'. A red box labeled 'Loss Structure' points to this diagram. Below the diagram, a red box labeled 'Step-by-step implementation system' points to a 'Preparation (Step 0)' checklist. Another red box labeled 'Cover all basics of the TPM activity with this book' points to the same checklist. The checklist includes items like 'Understanding purposes', 'Why "Jishu Kaizen" now?', 'Observation of equipment in operation', 'Meetings', 'Circle members', 'Circle leaders', and 'Managers and supervisors'.

**Loss Structure**

**Step-by-step implementation system**

**Cover all basics of the TPM activity with this book**

Total Productive Maintenance  
Training Textbook  
—Appendix Total Productive Maintenance  
for Process Industries

**TPM**

TPM Award Committee  
Japan Institute of Plant Maintenance

This is the official textbook of the TPM Award covering the basics of activities. With B5 size, a volume of 515 pages, you can learn the TPM overview, and how to advance each pillar.  
\*This book is written in English.



I would like to start TPM activities from now !

Activity is stagnant for a while.  
Is it correct by how to advance now?



I want good text to study TPM!



公益社団法人 日本プラントメンテナンス協会  
Japan Institute of Plant Maintenance

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