

English TPM Glossary

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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

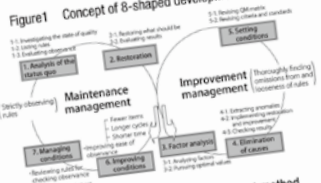
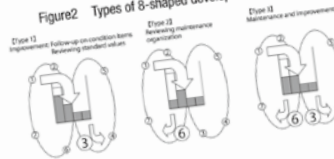


Figure2 Types of 8-shaped development method



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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.

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JIPM Japan Institute of Plant Maintenance

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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.

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

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