

Frequently Asked Questions about Manufacturing Insights Skills Training®

1 Why is employee training necessary?

Without training, your employees do not understand the process or the equipment around them. A company will be in a better position to succeed if their entire workforce is trained to perform their job effectively.

2 Why is technical training important?

The inclusion of technical training will ensure your technical staffers are not left out from your company human capital development plan. While non-technical training trains the employees in managing people, things or process but technical training will train them to become technically inclined who can create, design, improve, manufacture & troubleshoot products & productivity problems in a more efficient & predictable manner.

3 Do we need in-depth technical competency to solve manufacturing problems?

Quality control inspection may be able to detect manufacturing defects. In order to avoid recurrence of similar defect, we need a broad technical knowledge to find out the root cause of the problem from the large number of manufacturing parameters & to understand how they interact and cause preceding & existing wrong doing. A highly trained knowledgeable technical workforce can suggest effective solution to overcome a production problem. It is better to solve the problem forever rather than to fix it temporary.

4 Why do we need to study other technical knowledge which is not in our scope of duty?

Employee is often assigned to a specific task & tends to overlook other variables which are outside their responsibility. Often, many of these preceding and external parameters can give direct or indirect impact on the product quality & productivity issues. Technical personnel must first understand the associated parameters and how they affect the process in order to process with confidence. A highly trained multi-skilled & multi-discipline technical staff can tackle the quality & productivity problems in a more efficient & controllable manner. In view of the increasing competition and complication of manufacturing technology, it is necessary to develop knowledgeable workforce to transform our labour-based economy into knowledge-based economy.

5 Is it necessary to train all technical staff?

Virtually all technical employees (including engineers, supervisors and technicians) want to perform a good job, but most have never received the skills and confidence building tools necessary to do so. Human resources development is a long term capital investment program. Investing in continuous professional training demonstrates a commitment to your staff, enhances company loyalty and morale, as well as reduced staff turnover. A commitment to develop employee competence is also an impressive selling point for both your current and future customers.

Please call Tel: 03-80751529 or Email at training@metalloy.com.my for further information

6 What is the payback time to invest in technical training?

Attending a short technical competency upgrading program will not yield immediate gain. The application of technical concepts, procedures & processes learnt from our MIS training series requires management and staff's long term support & commitment in order to implement a new technical solution, to monitor, and to evaluate the testing results. Engaging a trainer for a day or two technical training services is not considered a training commitment.

7 Do you offer technical training that is specific to our process?

Currently MIS training series offer more than 32 technical topics covering precision engineering, injection moulding, sheet metal stamping, die casting, forging, semiconductor assembly, and materials engineering to give the insight of manufacturing activities. We have more than 120 technical sub-topics for customers to select and can be customized to reinforce your particulars.

8 Is it necessary to study the theoretical side of the manufacturing?

Manufacturing should be regarded as a science but not a magic. A solid understanding in theory will introduce science & engineering procedures to the manufacturing process by removing the uncertainties and give a consistent and repeatable result. Versatile employee with a strong theory is able to explain logical reasoning on a manufacturing issue rather than depend on guesswork. Certainly in a real production world there are inherent variations & constraints found in the manufacturing process which can limit the theoretical perfection, but many have shown that higher quality levels can be attained by those willing to put engineering principles into the effort to improve quality. MIS offers applied engineering theory (not general theory) to give a solid understanding of how's and why's of many engineering practices & procedures. The training classes are taught by former industry practitioners. Each trainee is supplied with a comprehensive manual that will become a valuable reference tool.

9 Do you organize public event for all MIST topics?

We only select a few MIST topics to run as public training programs in a calendar year. Should public training not be scheduled for a non-selected topic, we will consider opening an ad hoc public training class if you've a minimum of five (5) guaranteed participants to enrol a topic at your choice.

10 What is the benefit of in-house training?

In-house training saves time, money, and meeting your targeted participants scheduling needs. We can run in-house training on weekdays or weekends without additional cost. Our trainer is capable to conduct training in Bahasa, English, and Mandarin or use combined languages to ensure full understanding for course participants from all levels.

11 What if we train them and they leave the company after that?

Train one employee and they may leave, train your entire workforce and you will always have competent employees to run your operation.

12 Why technical training fee is more costly than non-technical?

Compared to the hundreds of thousands of dollars that companies lose annually from manufacturing rejects as a direct result of their poorly skilled employees, the cost of training your technical workforce is significantly lower. Training fees are priced differently depend on credential of training provider, the practical usefulness of training topic, and trainer's qualification.