

INDUSTRIAL MAINTENANCE Training Course

TR1663/102/001

APPLICATION FIELD - TARGET GROUP

Study of Industrial Maintenance activity which usually refers to the repair and upkeep of the different types of equipment and machines used in an industrial setting.
General knowledge to expertise in identifying the problems in mechanics, electrics, welding and perform their preventative maintenance with use of suitable tools.

This training module is devoted to improve the basic knowledge of field technical persons with refreshing of the know-how and verification of learning results.

TOPICS

Introduction to Industrial Maintenance activity which usually refers to the repair and upkeep of the different types of equipment and machines used in an industrial setting.

Basic introduction to the following five categories: general knowledge, mechanical knowledge, electrical knowledge, welding knowledge and preventative maintenance in order to expertise in identifying the problems.

Survey of general knowledge for understanding of tools, blueprint reading and safety, identification of the correct tools and the comprehension of how to use them.

Introduction to general mechanical knowledge of how machines function, including familiarity with concepts such as mechanical power transmission, fluid power, piping systems, pumps, and compressors.

Concepts and expertizing of preventive maintenance as important part of the modern industrial machinery to ensure the upkeep of the investment and machinery safe functioning.

SKILLS

Expert in Industrial Maintenance with acquired general knowledge to repair and upkeep the different types of equipment and machines used in an industrial setting.

Basic knowledge of preventative maintenance for mechanical, electrical, welding, industrial systems in order to expertise in identifying the problems.

DURATION

60 hours

SESSION OF COURSE

Classroom: 15 session of 4 hours each
Laboratory: 5 session of 4 hours each

ENTRY REQUIREMENTS FOR PARTICIPANTS

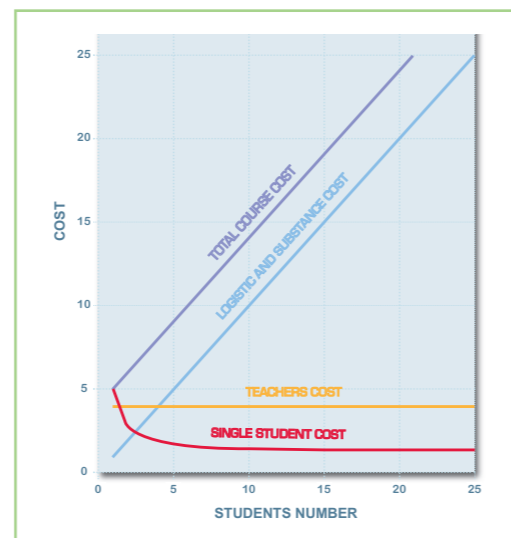
Vocational schools or high schools diploma of electrical or mechanical science. At least short employment experience.

MAXIMUM NUMBER OF STUDENTS PARTICIPATION

As you may see from the diagram, the costs of the course have their best efficiency with a number of participants ranging from 10 up to 25 units.

It is consequently suggestible to perform a teaching course with a minimum of 8 students up to a maximum of 25.

The diagram on the side is only indicative



LABORATORIES / TOOLINGS / INDIVIDUAL EQUIPMENTS



➤ Set of sectioned industrial components and demonstrative models



➤ Instruments and tools for industrial maintenance



➤ Set of didactic panels on the conservative, preventive and extraordinary, maintenance techniques



TEACHING & LEARNING MATERIALS / ASSESTMENTS METHODS / CERTIFICATES



- Theory manuals,
- Workbooks,
- Users manuals.
- Schematics presentations and tables.



Evaluation questionnaire at the end of the course



Certificate of attendance at the end of course



RECEPTION PACKAGE

WELCOMING SERVICES FEES:

- Visa issuing, consular expenses for entrance to Italy and residence permit (issued by Ministry of Interior Affairs) for study purposes
- Flight ticket to Italy and return

BOARDING AND ACCOMMODATION SERVICES

- Reception at the organized lodging facilities hotel
- Board including: breakfast, lunch and dinner, drinks included

TRAINING COURSE ANCILLARIES SERVICES:

- Laundry service
- Daytime service of fixed telephone through operator at Prodit premises
- Mobile prepaid telephone service - 50 Euro/month for each student
- Shuttle service from hotel to Prodit Engineering training center and return;
- Service of initial care for illness or injuries, available during the course time;
- Individual ordinary life and accident insurance, and national health service

TRAINING COURSE PACKAGE

DIDACTIC ACTIVITIES for 5 (five) days per week, as follows:

- Theoretical activities performed in classroom
- Practical activities performed in workshops and laboratories, equipped with didactic equipment
- Individual endowment for the student made up of text books, stationery and backpack
- Periodical tests for assessing student's learning
- Final examination
- Attendance Certificate (issued on the basic requirement of a minimum percentage of participation hours, equal to the 95% of the whole duration of the course)



COURSE LOCATION

These courses will be held at PRODIT ENGINEERING training center in Italy.