

# **Doble Protection Training**

Training in the area of relay protection has caught the utmost attention of utilities, testing companies, industrial and power plants. Its importance is being realized due to the impact an untrained workforce of technicians and engineers can have on the financial performance of related companies.

## **What is Driving the Need for Accelerated Training**

So what are the factors that are driving companies to train their relay protection technicians and engineers so vigorously?

1. Technology is advancing leaps and bounds making relays very sophisticated and complex.
2. Microprocessor relays are implementing protection that is both dynamic and adaptive
3. Workforce is shrinking with fewer people entering the field than are leaving
4. Very few universities have power system programs
5. Very few community colleges are teaching the trade of testing relays
6. Regulation is coming down very strong on relay protection applied at utilities. The regulators want very rigorous testing.

## **What does Doble Protection Courses Provide**

When we consider all of the above listed factors we see that the workforce involved with relay protection needs training at a very fast pace and with the right type of curriculum.

Doble Protection trainings are designed around the six factors listed above; it is a one stop shopping in terms of training that is provided.

## **Key Features and Advantages of Doble Protection Courses**

1. Doble protection courses teach both theory and hands on testing. This provides tremendous leverage in the sense that the theory can be substantiated and both engineers and technicians can benefit from seeing the bridge that connects the two--unique

2. The courses use Doble test sets and Doble testing software. This is a big advantage since the students in all likelihood will encounter Doble test sets and Doble software at their place of work. So, if you have Doble test sets and Doble software at your workplace, there is no sense in attending courses offering relay theory and testing methods using either manual testing. Even if automated testing is taught the software and test sets used will not be the ones you will encounter at your workplace. We provide a complete, sensible and pragmatic package.
3. The courses include training on use of microprocessor relays and electromechanical relays. This is a very advantageous since the knowledge about the relays, the test set and testing software is all combined and the students will encounter the same relays, test set and the software at their workplace.
4. Unlike some manufacturers who teach about their relays do not provide training on performing automated tests, which you will have to perform at your work place. Manual testing taught by manufacturers will not suffice.
5. Doble courses are graduated into Basic, Intermediate and advanced levels. This allows catering to the needs of different groups of technicians based on their experience levels
6. Doble also offers courses for engineers covering the theory and application of relays applied on transmission lines, industrial facilities and power plants. Experienced technicians can also benefit by taking these courses
7. CEUs are provided
8. Doble courses are recognized by NETA and hence technicians working in testing companies can earn appropriate CTDs needed for advancements.
9. Doble Protection courses are offered at our facility and at customer locations.
10. Courses offered by Doble can be custom designed to meet specific needs of your company.
11. From a cost perspective our courses are extremely competitive.
12. We have worked with the training departments of different utilities to draw up a custom program that aligns itself with the overall training goals of the utilities.
13. We conduct courses both in US/Canada and have the ability to conduct courses in other countries.

14.The feedback we have obtained for our courses is excellent. A list of commendations is available upon request.

With so much to offer, you are bound to get the most out of the money you spend on Doble Protection courses/training. The result will be a well trained staff of technicians and engineers at your company ready to take on all the challenges posed by a dynamic field.