Course: Problem Solving Techniques
CEDAC METHOD

INTRODUCTION
CEDAC stands for “Cause-and-effect Diagram with Addition of Cards”. CEDAC is a unique and simple approach for creative, participative problem-solving technique and it is also a tool for continuous Systematic Improvement.

The CEDAC Method was first developed and used in Japan by the Standardization Study Group of Sumitomo Electric Industries and it was introduced and applied in many Japanese, North American and European companies.

COURSE OBJECTIVES
The objective of the training on CEDAC Method is to provide the participants with the necessary skills and knowledge to perform and implement CEDAC problem-solving technique in their workplace.

Participants will learn “Window Analysis” for identifying problem and the principle of CEDAC diagram for analyzing problems and developing standards.

Course Duration
1 Day

COURSE CONTENTS
1. Introduction
   • The need for a creative and participative problem-solving technique
   • What is CEDAC
   • Why use CEDAC
   • When and How CEDAC should be used

2. The role and responsibility of a CEDAC Method
3. 7 Steps to make CEDAC Chart
4. CEDAC Chart samples and examples
5. Elements which hinder CEDAC Method
6. Reporting and follow-up

WHO SHOULD ATTEND
This course is for anyone striving to improve their analytical and problem-solving skills.
   • Quality Manager/Operation manager/Engineering manager
   • Shop Floor Representative/Supervisor

DELIVERY METHODOLOGY AND MEANS
This course utilises a combination of lecture, group discussion and activities. Participants will work in groups using the concepts and techniques to resolve an issue from their own work scenario or a suggested workshop assignment.

Training notes, case studies, exercises, samples and presentation slides are utilized during the lessons. English is the basic medium of instruction.

ABOUT THE COMPANY (Training Provider)
Alpha Consulting and Training Pte Ltd specialize in management systems consulting, coaching and trainings services. These would include quality, environmental, health & safety management systems and engineering faculties.

We also provide services and products that support these subjects, e.g., document control, statistical, process improvement and problem solving software and Information Technology/Systems.