



Training Program:

TRICONEX- Tristation ESD System

INTRODUCTION:

THIS COURSE IS DESIGNED TO EXPLAIN THE FOLLOWING:

THIS TRAINING WILL FAMILIARIZE THEM WITH THE HARDWARE AND SOFTWARE COMPONENTS OF THE TRICONEX ESD SYSTEM. IT WILL DEVELOP STRONG SKILLS IN PROCESS ALARM TROUBLESHOOTING AND ANALYSIS OF THE CONTROL CODE.

ENABLE YOU TO WORK AND MEET RIGOROUS PROFESSIONAL AND TECHNICAL STANDARDS. MAINTENANCE COSTS, PROVIDING SAFETY, AND MAXIMIZING PLANT UPTIME.

WHO SHOULD ATTEND?

- MAINTENANCE, C&I "ENGINEERS, SUPERVISORS & TECHNICIANS"
- TECHNICAL DEPARTMENT, ENGINEERS, SUPERVISORS
- PROJECT & COMMISSIONING DEPT, ENGINEERS, SUPERVISORS
- OPERATION DEPT, PROCESS ENGINEERS, SUPERVISORS

COURSE OUTLINE:

TRICONEX: CRITICAL CONTROL AND SAFETY SYSTEMS

✓ **HARDWARE**

- **Tricon Introduction**
- **Principal of Tricon Design**
- **Tricon System Components**
- Power Supply Modules
- Main Processors
- Input & Output Modules

- Input & Output Terminations
- Communications Modules

- **Installing The Tricon Software**

- ✓ **SOFTWARE**

- **TRISTATION 1131 SOFTWARE**

- GENERAL OVERVIEW
- CREATE FIRST PROJECT, SECURITY OPTIONS, TRISTAION COMUNICATION HARDWARE DEFINITION, DB DECLARATION
- WRITE FISTE PROGRAMME PROGRAMMING BY (FUNCTIONS BLOCKS, LADDER, MATRIX)
- TEST AND DEBUG LOGIC PROGRAM
- BUILD TRISTATION 1131 PROJECT
- EMULATION
- PROGRAM LOADING DLC, DLA...
- ADVANCED: CREATE & IMPORT FUNCTION BLOK

- ✓ **TROUBLESHOOTING**

- **CONFIGURATION OF DIAGNOSTIC PANEL**
- **ENABLING, DESABLING & FORCING POINTS**

- ✓ **MAINTENANCE**

- **REPLACING MODULES**
- **MAINTENANCE PROCEDURES**

- **SEQUENCE OF EVENTS (SOE)**
- **PROJECT REPORT**
- **TROUBLESHOOTING**