

Relex University Courses: Relex FRACAS Best Practices

Learn to Establish an Efficient and Valuable Corrective Action Process Using Relex FRACAS

This three-day training class presents a best practice approach for implementing Corrective Action processes using Relex FRACAS (Failure Reporting, Analysis, and Corrective Action System).

The Relex FRACAS Best Practices class lays the groundwork for a successful Corrective Action system by helping you understand all the choices, implications, and challenges inherent in establishing an effective FRACAS process. Following a presentation of the theoretical framework, Relex FRACAS is used to model a best-practice FRACAS implementation. The broad, flexible feature set available in Relex FRACAS is demonstrated to its full potential, helping you learn how Relex FRACAS can meet your unique Corrective Action needs.

Key Benefits

General Course Content

- Learn how to overcome the challenges facing an effective FRACAS implementation, like disparate procedures and process control mechanisms across departments and decentralized data
- Study the core principles necessary in establishing a comprehensive, effective closed loop process
- Engage in hands-on exercises based on real world examples to practices using the Relex FRACAS toolset to address these issues
- Work step-by-step through a best practice approach to designing, developing, and deploying an effective FRACAS

FRACAS Topics Covered

- Sound, proven strategies in FRACAS design, development, and deployment
- The Relex FRACAS Web-based interface, Workflow, Incident Analysis, FRB (Failure Review Board) and Corrective Action
- Audit Trail History and Reporting, Relex Administrator Module, Group Permissions, Workflow, and Data Transfer
- Using FRACAS with other Relex modules, such as Relex Weibull



Relex University offers this course via live, instructor-led training at many locations throughout the country, or onsite at your facility.

Experienced Course Instructors

- Relex courses are developed and taught by engineers with years of experience in reliability engineering and software applications
- Many Relex instructors are ASQ (American Society for Quality) Certified Reliability Engineers with advanced engineering degrees
- Instructors are well versed in all aspects of reliability engineering principles and bring a wealth of knowledge and experience from working with many clients across diverse industries

Additional Benefits

- Immediately benefit from this comprehensive curriculum, and gain knowledge to use in your reliability tasks the very next day
- Question-and-answer time is offered throughout the class to help ensure you gain the knowledge relevant to your unique needs
- Regional training courses offered at many sites around the country mean there is sure to be a training class near you
- Onsite training can be provided at your facility and can be tailored to your organization's specific needs

Course Agenda

Day One: Introduction and Basics

- Introduction to FRACAS
 - What is a FRACAS? Benefits and Practical Applications
- Introduction to Relex FRACAS
 - Using the Web Interface
 - Understanding Workflow
 - Recording and Analyzing Incidents
 - FRB (Failure Review Board) and Corrective Action
- FRACAS Best Practices
 - Overview of Best Practices
 - Eight Steps for a Successful FRACAS
- FRACAS Implementation
 - The 4D Process
 - Data Entity Relationships
- Relex FRACAS Basics
 - Startup, Terminology
 - Using the Project Navigator and Understanding Projects
 - Using Lists
 - Defining Your FRACAS

Day Two: Interface and Analyses

- Relex FRACAS interface
 - Customizing the User Interface
 - Table Format Files
 - Using the Format Builder
 - Designing FRACAS Forms
 - Using Lookup Tables
 - Adding Custom Formulas
 - Filtering Data, ad hoc Filtering
- Relex FRACAS Data Analysis
 - Understanding Built-in Calculations
 - Performing Calculations
 - Generating Reports, Supplied Reports
 - Customizing a Report, Designing Your Own Report
- Relex FRACAS Data Output
 - Generating and Modifying Graphs

- Saving the Graph Image
- Creating Custom Graphs, Using the Graph Wizard
- Using Meter Readings
 - Creating a Weibull Data Set

Day Three: Workflow and Administration

- Relex FRACAS Tracking Features
 - How do Alerts Work?
 - Creating Custom Alerts
 - Using Audit Trails and Audit Trail History
 - Audit Trail Report
- Relex Administrator Module
 - Defining Groups
 - Assigning Group Permissions
 - Adding a User
 - Assigning Users to Groups
 - Interfacing with Microsoft® Active Directory
 - E-mail Settings
- Relex FRACAS Workflow
 - Understanding Workflow
 - Customizing Workflow
 - Workflow Messages
- Relex FRACAS Data Transfers
 - Importing and Exporting Data
 - Scheduling Automatic Data Transfers
 - Connectors
- Conclusion
 - Resources and References

For More Information

For more information or to schedule a class, please visit
www.relex.com/services/training.asp

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