

# Equifactor®

## Equipment Troubleshooting & TapRoot® Root Cause Analysis

### 2 Day Course



**Do you need to efficiently and effectively find the root causes of equipment failures to improve your facility's equipment reliability?**

Imagine the downtime prevented and money saved NOT having repeat equipment failures. If this sounds interesting (and worthwhile), then this completely revised course is for you.

The [Equifactor® Techniques](#) are based on the work of noted equipment reliability expert [Heinz Bloch](#).

In two days, you will learn how to use [Equifactor®](#) to troubleshoot equipment issues and find out what is leading to failures. Then you will learn to use the [TapRoot® System](#) to organize the information you collect, identify the Causal Factors of the failure, and find the fixable root causes of the failure. Finally, you will learn to develop effective fixes to stop future equipment failures.

The tools you will learn include:

- [Equifactor® Troubleshooting Tables](#) – a systematic guide to troubleshooting common equipment problems.
- [SnapCharT® Diagram](#) – visualize and organize the information you collect to make what happened understandable.
- [Root Cause Tree® Diagram and Dictionary](#) – find the real, fixable root causes of human performance and equipment issues.
- [Corrective Action Helper® Module](#) – provides suggested corrective actions to help you develop effective fixes.
- [Safeguard Analysis](#) – helps define Causal Factors and develop effective corrective actions.
- [Change Analysis](#) – collect and understand information about problems caused by changes or differences in system, equipment, or people.

The tools can be used by maintenance personnel, equipment reliability specialists, maintenance managers, or investigators who don't have an extensive understanding of equipment engineering.

In addition, the [Equifactor® Techniques](#) can be used to develop proactive equipment performance improvement initiatives and equipment troubleshooting procedures.

The course materials we provide for the 2 Day [Equifactor®](#) course include:-

1. The book, 'Using Equifactor® Troubleshooting Tools and TapRoot® Root Cause Analysis to Improve Equipment Reliability', - includes a complete set of Heinz Bloch's troubleshooting tables.
2. TapRoot® Root Cause Tree®,
3. Root Cause Tree® Dictionary,
4. Corrective Action Helper® Guide

Upon completion of the course, attendees will receive a certificate of completion and a 90-day subscription to TapRoot® VI Software, our dynamic cloud-based software that computerises the Equifactor® and TapRoot® Techniques.