

# SIRF Rt – Root Cause Analysis

2 Day Course

RGC-SIRFRT02



Rylson Group

Course Outline

SIRF Rt – Root Cause Analysis	
<b>Objective</b>	To provide people in industry with a methodology and the application skills to engage in effective problem solving as individuals and in teams.
<b>Benefits</b>	<ul style="list-style-type: none"><li>▪ Improved productivity, teamwork, use of resources and morale</li><li>▪ Improved problem solving and analytical skills</li><li>▪ Reduction in recurring problems</li><li>▪ Improved job satisfaction</li></ul>
<b>Who Should Attend?</b>	<b>Engineers, Plant Managers, Operational Supervisors, Team Leaders, Operators and Tradespeople</b> who will be actively involved in problem solving activities.
<b>Course Outline</b>	Introduction to theoretical and practical aspects of Root Cause Analysis using the RCA Rt process including application of the RCA Rt process to a current workplace problem, distinguish between different types of problems in the workplace and provides problem solving methodologies and focuses on the RCA Rt three-stage process of 'Focus, Find, Fix Forever'.



## 1.0 WELCOME AND INTRODUCTION

Welcome and introductions  
Course overview

## 2.0 STAGE 1 FOCUS

Define the goal  
Pick the target  
Put a peg in the ground  
Confirm containment  
Workshop 1

## 3.0 STAGE 2 FIND CAUSES

A good practical look  
Patterns and comparisons  
Brainstorm for causes  
Build a cause tree  
Workshop 2

## 4.0 STAGE 3 FIX FOREVER

Select a change  
Prepare and execute  
Did it work?  
Make it stick  
Workshop 3



## 5.0 APPLICATION AND TEAMWORK

Review day one

Visual tools: data analysis principles

Workshop 4

Summary and wrap-up

## 6.0 APPENDIX

Asking and listening

Extra clues for causes

Check list

Root cause work sheet

Reminder questions

Root cause reminders