assetschools.com

2025 – 2026

MAINSTREAM

ASSETSCHOOLS

World Class Training

Maintenance and Reliability Training to
Build Competency & Develop Capability

For over 25 years, Asset Schools has been sharing the knowledge of subject matter experts to help maintenance and reliability teams build competency and develop capability.

From deep, technical skills training to strategic asset management concepts, we've got you covered with public, onsite, or online courses. Courses are interactive and founded in extensive case history. Participants gain practical insights and tools that can be immediately applied to their work.

The recognition of our courses for Continuing Professional Development (CPD) participation ensures that the time invested in Asset Schools contributes to career advancement, ongoing professional growth, and development.

ASSETSCHOOLS

Training Courses

- Planners' School Level 1
- Planners' School Level 2
- Supervisor School
- Asset Management School
- Asset Management Masterclass
- Shutdown School
- Human Factors in Maintenance
- MRO School
- Precision Maintenance School
- Reliable Assets School
- Lubrication School Level 1
- Lubrication School Level 2
- RCM School
- FMECA School
- Apollo RCA School
- Vibration Analysis Level I
- Vibration Analysis Level 2
- Vibration Analysis Level 3
- CMRP Exam Preparation Course

Private Training

Whether you have 15 or 1500 people to train, we can tailor onsite training that works for you. Benefits include:

Customisation

Training can be tailored to meet the specific needs of your organisation. Content, examples, and case studies can be customised to align with your industry, culture, and strategic objectives.

Relevance

Onsite training can focus on topics that are directly applicable to your organisation's operations and industry. This ensures that the training content is highly relevant to the employees' day-to-day work.

Cost & convenience

Onsite training is always more cost-effective compared to public training, especially when a large number of employees requires training. Your company can save costs associated with travel, accommodation, and registration fees.

Confidentiality

Onsite training allows for open discussions and sharing of sensitive or confidential information. Employees can freely discuss their challenges, experiences, and specific issues related to their work.

Productivity & engagement

Onsite training provides an opportunity for employees to participate in training sessions together, fostering teambuilding and collaboration. By sharing a learning experience, employees can strengthen relationships.

Long-term impact

Onsite training has a lasting impact on culture and performance. Since the training is specifically designed to address the organisation's needs, it can contribute to long-term changes in behaviour, processes, and practices.

Planners' School

LEVEL 1

Level 1 (Fundamentals of Work Management) is an introductory level, suitable for planning practitioners who are starting out or for those wanting to brush up on the basics.

8 Core Modules

- Work Management and Business Imperatives
- Identifying Work
- Maintenance Planning
- Maintenance Scheduling and Dispatch
- Maintenance Work Execution
- Spares Management
- Transitioning From Breakdown Maintenance
- Performance Assessment and Measurement

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days
	Online	15 hrs self-paced

Planners' School

LEVEL 2

The course builds on Planners' 1 and explores why and how we plan and how work delivery can be optimised with existing teams, systems, and approach to work management. It explains the quality expectations of planning and scheduling which supports the field teams to help them deliver a great job. This includes consistency, tracking performance and ensuring people understand the expectations of their role.

8 Core Modules

- The Enterprise Asset Management System
- Master Data Management
- Configuration Management
- Budget Management
- Planning Standard
- Schedule Management
- Team Coordination
- Performance Measurement

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Supervisor School

This course assists supervisors of maintenance teams with their dual purpose: to ensure that work by the maintenance teams is delivered safely on time and with requisite quality; and to provide immediate advice back to the organisation on equipment-based risks which can lead to operational downtime. The first is an essential leadership role and the second recognises that supervisors must have the appropriate technical knowledge and experience to understand the equipment their teams work on. Participation in this course will help supervisors balance their time between administration duties that support their team and its workflow with walking the sites, observing potential problems and driving continual improvement.

8 Core Modules

- Leadership in Work Management
- Managing New Work
- Supervision in Maintenance Workflow
- Reporting for Supervisors
- Delivering the Maintenance Strategy
- Workplace Observations
- Improving the Team
- Personal Improvement

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Asset Management School

Asset Management School will assist individuals who wish to understand how to prioritise their expenditure, set up teams for both strategic and tactical success, and ensure they work well with other stakeholder groups associated with the overall business performance of the assets.

8 Core Modules

- The Application Of Asset Management
- Understanding The Organisation
- Specifying Asset Management Strategy
- Using Asset Management Plans
- Condition Assessments, Life Cycle Costs and The Capital Plan
- Feasibility Studies, Commissioning and Life Cycle Implications
- Operations, Maintenance and Reliability
- Continual Improvement In Asset Management

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Asset Management Masterclass

This short course describes how an effective asset management system allows an organisation to best utilise its physical asset portfolio to achieve its business objectives. It describes expectations that the organisation's teams must meet including risk-prioritised planning, quality management of asset life cycle process and requirements for continual improvement. Importantly, it identifies the strategic functions and systems in which the organisation must invest to realise its required operational outcomes.

This course is specifically aimed at those teams who work adjacent to or alongside the Asset Management and Maintenance teams. The purpose of the course is to educate teams such as those in finance, projects, engineering, procurement, supply chain on the key asset management considerations. A fundamental understanding of the Asset Management System thinking employed by the organisation will foster better collaboration between these teams and the Asset Management organisation.

5 Core Modules

- Overview of Asset Management
- Specifying Asset Management Strategy
- Risk-Optimised Asset Planning
- Work Delivery
- Ensuring Asset Management Capability

	Public	7.5hrs over 1 day
	Onsite	7.5hrs over 1 day

Shutdown School

Designed to assist maintainers, operators, supply officers, engineers and managers understand work associated with the delivery of shutdowns and turnarounds.

8 Core Modules

- Establishing The Shutdown
- Develop The Shutdown Organisation
- Shutdown Control Protocols
- Preparation
- Detailed Work Planning
- Scheduling
- Delivering Work
- Close-Out Of Shutdown

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Human Factors in Maintenance

Maintenance errors are preventable, but human error is inevitable. This comprehensive course transforms maintenance operations by revealing the human factors behind equipment failures and safety incidents.

Introduction to Human Error in Maintenance

- What makes maintenance different to other types of work?
- Common maintenance problems related to maintenance error
- The different types of errors and procedure violations
- Two approaches to error management
- Why do maintenance errors occur?
- The Dirty Dozen: Twelve conditions that produce error

Managing Maintenance Error: Non-technical Skills for all Personnel

- Communication skills for maintenance personnel
- Best practices for handovers and effective task briefings
- Replacing negative norms with positive norms
- Assertiveness
- Managing pressure, distractions and interruptions
- Awareness of error-producing traps built into equipment design
- Best practices for decision-making

Managing Maintenance Error at the Level of the Organisation

- Documentation
- Barriers to protect systems from maintenance errors
- Fatigue and management of fatigue for maintenance personnel
- Safety Management Systems (SMS) and safety culture
- Removing the barriers to reporting
- Disciplinary policies and individual responsibility
- Just culture policies and how to make them work

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

MRO School

Bringing maintenance and supply chain practitioners together. While maintenance is focused on reducing risk, supply chain practitioners are goaled at lowering costs. These world views are hard to reconcile and cause friction. This course gets cross functional teams to think and act beyond their silo. It covers both the strategic focus providing context for 'why' as well as the tactical or operational focus teaching the 'how to.'

7 Core Modules

- Begin With The END In Mind! What Good Looks Like – MRO Supply Chain
- What Gets Measured, Gets Improved!
- Master Data
- Warehouse Operations
- Inventory Management
- Purchasing
- Procurement Overview

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Precision Maintenance School

This intensive two-day interactive workshop is intended to prepare plant technicians, engineers and managers to take dead aim at Precision Maintenance (Fasteners, Lubrication, Alignment and Balance) in the plant and significantly improve the operational reliability of plant equipment and the plant processes they serve. The course also equips them with instructions to properly design, justify and implement a Precision Maintenance initiative.

9 Core Modules

- The Business Case For Precision Maintenance Management
- Taking A Microscope Look At Precision Maintenance Fundamentals – An Introduction
- The Physics Of Machine Failure
- Modern, Machine Condition Monitoring – A Must For Precision Maintenance Management
- Reliability Engineering Methods For Precision Maintenance Management
- Fasteners
- Lubrication
- Alignment
- Balance

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Reliable Assets School

Where data and reliability engineering meet planning, maintenance, and work management. Designed to assist in your understanding of the total approach to ensuring assets deliver their required level of reliability and performance throughout their operational life. This course will assist individuals who wish to understand more about improving the performance of their assets and deliver long term, sustainable benefits.

8 Core Modules

- Work Management and Reliability Improvement
- Reliability and Continuous Improvement
- Operator Care
- Improving The Maintenance Approach
- Inventory Analysis and Obsolescence
- Condition Monitoring
- Handling Data
- Defect Elimination

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Lubrication School LEVEL 1

Lubrication School Level 1 provides the essentials of proper lubricant application while instilling proven industry methods for selecting, storing, filtering and testing lubricants for improved machine reliability. You will move beyond the dated methods of vague, non-specific lubrication procedures to understand what to do and why there is a right way to do it.

By completing the course, you'll gain a solid understanding of the crucial relationship between lubricant health and machine reliability, as well as understand how doing simple tasks or inspections right will significantly extend machine life and cut costs. You will also gain better understanding of oil analysis, allowing you to align your efforts with those of maintenance professionals or oil analysis experts.

15 Core Modules

- Establishing the Importance of Good Lubrication
- Lubrication Theory
- Raw materials (Base Oils, Additives & Thickeners)
- Manufacturing Lubricants
- Lubricant Properties
- Selection of Lubricants
- Storage and Handling
- Application of Lubricants
- Maintenance of Lubricants
- Contaminant Removal
- Degradation of Oil
- Machine Wear
- Used Oil Sampling
- Testing of Used Lubricants
- Analysis of Used Lubricants

	Public	24 hrs over 3 days
	Onsite	24 hrs over 3 days
	Online	24 hrs self-paced

Lubrication School

LEVEL 2

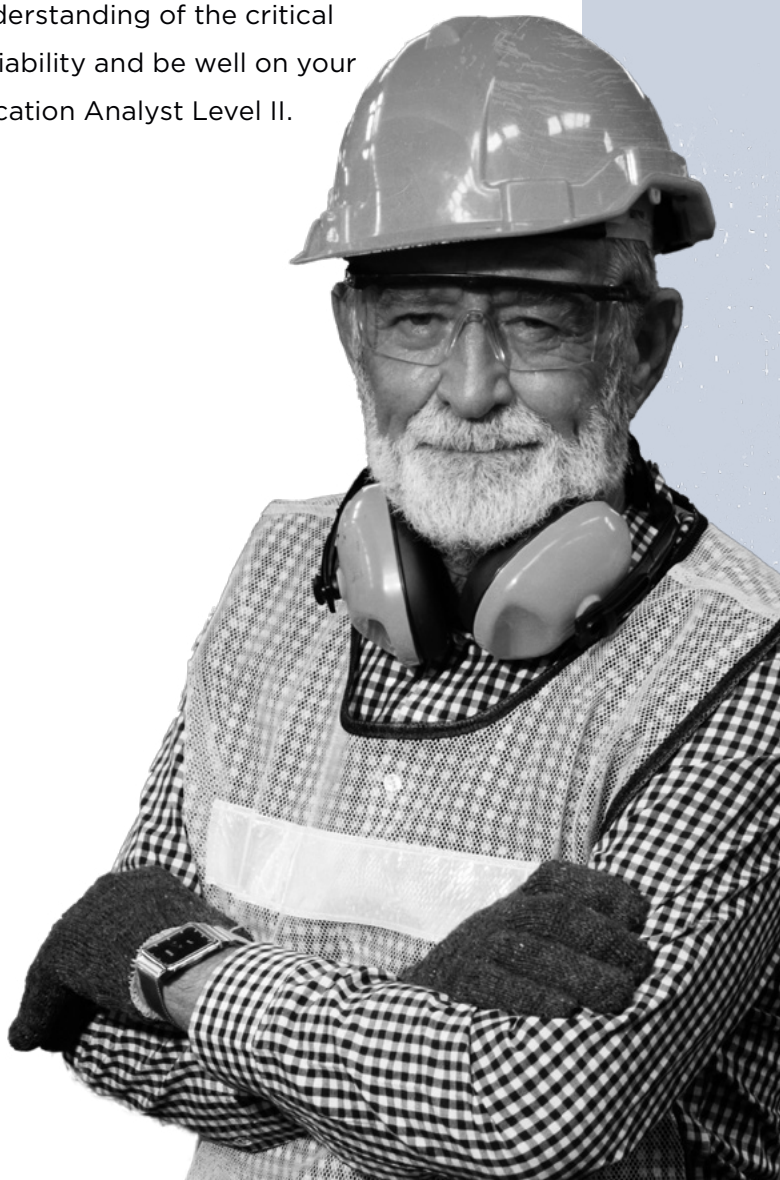
This course is designed to elevate your understanding and skills in the field of machinery lubrication, aligning with both the International Council for Machinery Lubrication (ICML) requirements for MLA II certification and the relevant ISO standards.

To maximise the benefit of this course, it is recommended that participants have a basic knowledge of machinery lubrication and oil analysis (MLA I level or equivalent experience). A commitment to engage in interactive sessions, case studies, and practical exercises. And finally, the willingness to complete reading assignments and participate in discussions.

By the end of this course, you will have a deeper understanding of the critical role of lubrication in machinery maintenance and reliability and be well on your way to becoming an ICML-certified Machinery Lubrication Analyst Level II.

9 Core Modules

- Lubricant Roles & Functions
- Maintenance Strategies
- Oil Sampling
- Lubricant Health Monitoring
- Particle Contamination Control
- Water Contamination Control
- Air Contamination Control
- Glycol, Soot & Water Control
- Wear Debris Monitoring & Analysis



	Public	24 hrs over 3 days
	Onsite	24 hrs over 3 days
	Online	24 hrs self-paced

RCM School

This course teaches participants how to develop proactive asset management strategies using best practice Reliability Engineering principles, with practical exercises and access to Isograph Availability Workbench™ software.

Participants will explore the application of Asset Maintenance Strategy Development and Optimisation, Maintenance Strategy Simulation, and Work Management practices to make optimised maintenance and reliability decisions. With access to Isograph Availability Workbench™ reliability modelling software, practical exercises are also undertaken by the class to incorporate reliability principles and methods.

The course is ideal for leaders and engineers in various roles looking to improve the reliability and efficiency of their Asset Management Strategies. Upon completion, participants will be equipped to forecast spares, resources, budgets, and risks, and run maintenance strategy optimisation simulations.

Course Outline

- Introduction to Reliability Engineering
- Asset Maintenance Strategy Optimisation
- Asset Maintenance Strategy Simulation
- Work Management – Planning, Performance and Productivity

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

FMECA School

This course teaches participants how to develop and conduct their own FMECA studies, enhancing the reliability of their assets through practical exercises and core facilitation skills.

This intensive two-day course provides advanced knowledge and skills in Failure Modes Effects and Criticality Analysis (FMEA/FMECA). Participants will learn how to develop and facilitate their own FMECA studies, exploring key elements such as failure modes, causes, and criticality ranking. The course includes practical exercises in small groups to apply these principles and establish facilitation ground rules.

Ideal for leaders and engineers in various roles, this workshop aims to improve the reliability and efficiency of asset management strategies. Upon completion, participants will be equipped to use FMECA outputs for further analysis and decision-making.

Course Outline

- Introduction to FMEA/FMECA
- Setting Up For FMECA
- The FM ECA Process
- Functions
- Functional Failures
- Failure Modes and Causes
- Failure Severity and Effects
- Criticality Ranking
- Mitigating tasks

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Apollo RCA School

Participate in our instructor led training course to become a certified Apollo RCA™ facilitator. This course lays down the foundations and practical application of the Apollo methodology while teaching you how to lead and facilitate group problem-solving efforts in your organisation. This instructor led course is an ideal option for individuals who facilitate RCA and problem-solving investigations.

Gain the knowledge and skills to facilitate RCA and incident investigations utilising Apollo RCA™ methodology and RealityCharting® / RC Pro® software.

Course Outline

- Understanding Cause and Effect Principles
- Applying the Apollo RCA™ Four Step Methodology:
  - Step 1: Define the Problem
  - Step 2: Develop the Cause & Effect RealityChart™
  - Step 3: Identify Effective Solutions
  - Step 4: Implement and Track Solutions
- Develop group facilitation skills to lead teams through High Level complexity RCA Analysis
- Develop detailed understanding of RealityCharting® / RC Pro® software application
- Learnings are reinforced with instructor facilitated “hands-on” exercises that allow students to apply the Apollo RCA™ process to real world problems, and in doing so demonstrate their facilitation skills

	Public	15 hrs over 2 days
	Onsite	15 hrs over 2 days

Vibration Analysis

LEVEL 1 : ENTRY

The ‘Entry’, or ‘Junior Level’ Mobius Institute™ Category I course is intended for personnel who are new or have 6 months vibration monitoring and analysis experience. The course focuses on periodic, single channel data collection and analysis for condition-based maintenance programmes. A foundation is established for in-depth understanding of spectrum and waveform relationships.

6 Core Modules

- Maintenance Practices
- Condition Monitoring
- Principles Of Vibration
- Data Acquisition
- Equipment Knowledge
- Basic Vibration Analysis

	Public	25 hrs over 3.5 days
	Onsite	25 hrs over 3.5 days

Vibration Analysis

LEVEL 2 : INTERMEDIATE

The VA Cat 2 may be suitable for those who either have: completed a VA Cat 1; a degree in Mechanical Engineering or; have significant vibration analysis experience, including an understanding of vibration theory and terminology. The course provides an in-depth study of machinery faults and their associated spectrum, time waveform and phase characteristics.

11 Core Modules

- Review Of Maintenance Practices
- Review Of Condition Monitoring Technologies
- Principles Of Vibration
- Data Acquisition
- Signal Processing
- Vibration Analysis
- Detailed Fault Analysis
- Equipment Testing and Diagnostics
- Corrective Action
- Successful Condition Monitoring Program
- Acceptance Testing and ISO Standard

	Public	35 hrs over 4.5 days
	Onsite	35 hrs over 4.5 days

Vibration Analysis

LEVEL 3 : ADVANCED

For candidates who are committed to reliability through condition monitoring, and who have at least two years vibration analysis experience. It is ideal for those who lead a vibration team or take a pivotal role in diagnosing faults and making final recommendations. This course will give the analyst all of the skills and knowledge necessary to solve all fault conditions, run a successful condition monitoring program and drive a reliability culture.

9 Core Modules

- Principles Of Vibration
- Data Acquisition
- Signal Processing
- Vibration Analysis
- Equipment Testing and Diagnostics
- Fault Analysis In Detail
- Corrective Action
- Successful Condition Monitoring Program
- Acceptance Testing and ISO Standards

	Public	40 hrs over 5.5 days
	Onsite	40 hrs over 5.5 days

CMRP Exam Preparation Course

Our three-day Maintenance and Reliability Excellence workshop provides in-depth training on key reliability principles and aligns with the Society for Maintenance and Reliability Professionals (SMRP) Body of Knowledge. Designed to enhance expertise in asset management and reliability, this instructor-led course equips participants with the knowledge and strategies needed to successfully complete the Certified Maintenance and Reliability Professional (CMRP) exam.

Course Outline

Day 1 – Introduction to Reliability Excellence

- Introduction to Reliability
- Lubrication Management
- Defect Elimination
- Threats and Vulnerabilities
- Design for Reliability
- Reliability Leadership
- Asset Strategy Optimisation
- Condition Monitoring
- Work Management
- The Reliability Journey

Days 2 & 3 – SMRP Body of Knowledge

- Pillar 1 – Business and Management
- Pillar 2 – Manufacturing Process Reliability
- Pillar 3 – Equipment Reliability
- Pillar 4 – Organization and Leadership
- Pillar 5-Work Management
- CMRP Overview and Practice Examinations

	Public	24 hrs over 3 days
	Onsite	24 hrs over 3 days

Meet Our Instructors

Drew Troyer

**Principal Director,
Bootleg Advisors**

30+ years of expertise in sustainable manufacturing, asset management, energy & reliability engineering. Renowned author & keynote speaker. Certified Reliability Engineer & Energy Manager.

Gary Tyne

**Founder,
Pro-Reliability Solutions**

Founded Pro-Reliability Solutions. Four decades of maintenance and reliability expertise across UK, Ireland, Australia, US, Thailand, Turkey, and the Middle East. Author of 40 Years, 40 Lessons. Global conference speaker and reliability consultant.

Peter Durrant

**Adjunct Principal,
Covaris**

Navy veteran, diverse maintenance career. Senior roles in Navy, mining, and resources. Maintenance consultant. Expert in work management, sustainable change. Dip Eng & MBA Tech Mgmt.

Shane Scriven

**Lubrication Specialist, Data Scientist,
AI/ML, Asset Mgt Consultant**

20+ years experience combining knowledge of lubrication, cutting edge technology and holistic asset management approaches to deliver well-rounded solutions.

Dr Bob Platfoot

**Principal and Managing Director,
Covaris**

30+ years in maintenance & asset management across diverse sectors. PhD in fluid dynamics & life assessment. Founder of Covaris, driving asset management transformation & ISO 55001 implementation.

Scott Henderson

**Founder / Director / Trainer,
Thermalign**

Scott's reliability journey began with 14 years in the British Army as a senior maintainer of rotary aviation assets. After relocating to Australia and gaining six years of industry experience, he founded Thermalign.

John Searls

**Asset Management
& Resources Executive Leader**

A reliability and asset management engineer at heart, John is an executive leader with more than 30 years of experience leading transformational change, especially to leverage technology and innovation, at both the strategic and hands on implementation and operations levels.

Tim McLain

**PCOO & Global Director, MRO,
Missing Link Supply Solutions**

30+ years MRO/Materials specialist. National & Global roles for top companies. Cross-border project manager & team trainer. US-born, NZ & Aus experienced. Proud All Blacks supporter!

Sanya Mathura

Founder, CEO,
Strategic Reliability Solutions

Registered Engineer with dual engineering degrees. First Caribbean ICML Machinery Lubrication Engineer. First woman globally with ICML Varnish Badges. International tribology board member championing maintenance education access.

Mike Greyling

Adjunct Principal,
Covaris

Seasoned asset management leader with 35+ years in aviation, smelting, mining. Proven excellence in maintenance, reliability, risk management, stakeholder engagement, Six Sigma expertise, SAP leadership.

Richard Jeffers

Managing Director,
Two6 Services

Fellow of IMechE specialising in asset management and reliability. Leads Two6 Services Ltd optimising manufacturing reliability. Advises Ensemble AI on intelligent automation. Applies AI and ISO 55001 for measurable asset performance improvements.

Cliff Williams

Principal Advisor – Asset Management,
Maintenance and Reliability,
Total Maintenance Solutions

Asset management specialist since ISO 55001 ‘s inception. Former Corporate Maintenance Manager and Humber College lecturer. Author of “People – A Reliability Success Story.” Champions people-focused reliability: cultivating human initiative and brain power to drive maintenance excellence across diverse organisational cultures.

Matthew Laskaj

Director,
Project Engineering Management

Chartered Mechanical Engineer and IMechE Fellow with international energy and manufacturing experience. Director of Project Engineering Management Ltd. Delivers ISO 55001-aligned training and improvement projects across oil & gas, renewables, and process industries. PRINCE2 certified practitioner.

Kylie Nash

Principal Engineer,
Provecta Process Automation

30+ years engineer in electricity generation. AGL Macquarie veteran – asset management, reliability, team leadership. Skilled in problem-solving, change projects. BEng & MBA Tech Mgmt.

Rafe Britton

Technical Director,
Lubrication Expert

Independent lubrication specialist and founder of Lubrication Expert. 15+ years across mining, power generation, and transport. ICML Machinery Lubrication Engineer, Chartered Professional Engineer. Serves on ICML Exam Board, STLE Technical Editor, and multiple industry advisory boards. Global consultant transforming lubrication into strategic asset.

Floris Mostert

Maintenance Planning Trainer
& Educator

Former Engineering & Asset Management Manager, City of Cape Town, overseeing R60 billion in infrastructure. Led South Africa’s first PAS55-certified municipal department. Multiple national awards including SABS President’s Award. First in African practitioner to obtain the PAS55 specification of asset management.

MAINSTREAM®

Asset Schools is part of the MAINSTREAM group.

Founded in 1996, MAINSTREAM serves asset-intensive industries with research, information, events, and training courses that celebrate the successes, accelerate the careers, and optimise the performance of Asset, Reliability and Maintenance professionals.

LIVE EVENTS

Unmissable Conferences & Summits with
brilliant content and incredible networking.
Melbourne Conference | Perth Summit | UK Summit

ASSET SCHOOLS

Training courses and capability development for maintenance, reliability, trades, operators, and teams

NETWORK

Online platform offering case studies, content, discussion forums, workshops, and networking round tables.

MASTERCLASSES

Expert-led online masterclasses, including interactive Q&A.

UPSTREAM

Fortnightly community newsletter featuring maintenance and reliability tips, tricks, and case studies.

INFORMATION

Research, polls, surveys, and sentiment reports.

RELIABILITY HERO

Podcast series featuring interviews with global maintenance and reliability leaders and special guests.

MAINSTREAM

ASSETSCHOOLS

World Class Training

www.assetschools.com

Contact Us

Claire Sauerman

Community Leader

claire@assetschools.com

+61 400 553 600

Steve Morris

Asset Schools Private Training

steve@assetschools.com

+61 403 809 312