



Do you need to:

- **Improve** operating profit?
- **Reduce** production costs?
- **Reduce** maintenance costs?
- **Increase** productive output?
- **Improve** operational reliability?
- **Reduce** plant breakdowns?
- **Ensure** Project Success?

Ross Francis Consulting Pty Ltd provides independent professional consulting services to Manufacturing Industry, Mining and service industries specialising in Business Improvement, Asset Management, Maintenance Management & Maintenance Technology and Project Management.



Explore the following pages to see how we can help you:

- **Sharpen** business processes
- **Ensure** systems work for you
- **Improve** technological application
- **Build** strong operational teams
- **Increase** planned & scheduled work
- **Utilise** planned shut time effectively
- **Develop** technical & management skills
- **Implement** strategic processes
- **Manage** Maintenance & capital projects



Maintenance is no longer a burden, but a business opportunity

Contact Ross Francis Consulting now to discuss your business improvement requirements:

Email: info@rossfrancis.com.au
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Mobile: 0417 390 742
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Doncaster Heights
Victoria 3109



Profile – Ross Francis

Ross Francis is the Principal Consultant and Owner Director of Ross Francis Consulting Pty Ltd. The Company commenced operations on 1 September 1999.

Prior to commencing his own practice he managed the Siemens Maintenance Consulting Group undertaking maintenance consulting and condition monitoring services throughout Australia and consulting services internationally.

Previously Ross was Marketing and Business Development Manager for maintenance technology and maintenance contract outsourcing for Siemens and Silcar Maintenance Services and responsible for the detailed preparation of tenders and proposals.

This followed a term as the Mill Maintenance Manager for Silcar Maintenance Services at the Burnie Mill of Australian Paper, having overall responsibility for the mobilisation and implementation of an innovative outsourced maintenance contract at three pulp and paper manufacturing sites.

Prior to joining Siemens / Silcar Ross was Development Manager at Australian Newsprint Mills at Albury, (now Norske Skog), and was responsible for the feasibility study, detail design, equipment purchase negotiation, construction technical direction for the Recycling Plant (RCF). He was then commissioning manager for the project, which was recognised for having very effectively incorporated operational and maintenance requirements. This followed a term as Engineering Manager of the ANM Albury Mill controlling all maintenance and capital development.

This was preceded by an extensive and varied career in BHP culminating in the position of Chief Mechanical Engineer for the Whyalla Steelworks, managing a department comprising extensive manufacturing workshops, mobile service and purchase and specialist technical services. Included a period as acting Engineering Manager for the steelworks.

During his career Ross has managed very large departments (up to 950 employees in BHP), as well as working with small project teams and working independently. Significantly he has had three separate and significant involvements in team development and cultural change activities.

The principal, Ross Francis, is recognised in the areas of maintenance technology and maintenance management resulting in invitations to present papers on a range of topics. Relevant papers written and presented by Ross Francis cover maintenance strategy and plan development, computerised maintenance management system implementation, outsourced maintenance and establishing maintenance business measures.

Ross is a qualified Mechanical Engineer and maintains affiliation and involvement with:

- Institution of Engineers Australia (IEAust)
- Maintenance Engineering Society of Australia (MESA)
- Australasian Pulp & Paper Technical Association (Appita)



Training

Asset Management & Maintenance

Do you need to:

- **Reduce** break down maintenance?
- **Improve** operational reliability?
- **Reduce** maintenance & production costs?
- **Develop** staff capabilities to match business goals?
- **Build** production and maintenance teamwork?
- **Ensure** ongoing productive capacity & asset integrity?

Learn how Ross Francis Consulting can make a difference to your plant performance through a range of asset management and maintenance **training, coaching and mentoring** programs.

You can choose between our proven high intensity interactive workshops or our specific in-house programs that are tailored to suit the organisational requirements.

Participants from these workshops will take away:

- *A sound understanding of applicable maintenance theory*
- *Understanding (and buy-in) of their in-house procedures and processes*
- *Skills in developing applicable business processes & procedures*
- *Understanding of production & maintenance total involvement*
- *Individual and team Continuous Improvement action plans*

Customer Benefits



- *Increase Profit*
- *Increase Plant Output*
- *Improve Plant Availability*
- *Minimize Break-in Maintenance*
- *Increase Planned & Scheduled Work*
- *Build Strong Operational Teams*
- *Make Systems work for You*

Request program information on our two most popular courses:

- [Planning & Scheduling](#)
- [Plant Shutdowns](#)

Request the following supporting articles for these two important topics

- *Men at War -Planning & Scheduling for Maintenance & Production*
- *Implementing & Monitoring Shutdown Performance Improvement*

Contact Ross Francis Consulting now to discuss your training requirements:
info@rossfrancis.com.au



Training - Planning & Scheduling



About the Course

This highly participative and intensive one-day in-house course is aimed at providing participants with improved knowledge, new skills and takeaway strategies and methods to improve to improve departmental relationships and improve plant efficiency through better maintenance planning & scheduling and work control.

Topics covered include:

- 8 Steps— Identification, Assessment, Planning, Scheduling, Allocation, Execution, Tracking, Feedback
- Best Practice Planning & Scheduling – Why we do it
- Asset Management, maintenance & business goals
- Material & labour logistics—control or confusion
- Production vs. Maintenance – What can we do?
- Operational Reliability—Short & longer term
- Planning & Scheduling total involvement
- Processes & procedures development
- Measuring maintenance performance
- Meetings, forums & communication
- Process simulation for production
- Systems, tools & techniques

Who should attend?

All stakeholders in plant maintenance including Management, Maintenance Management, Production Management, Engineers, Production Superintendents, Maintenance Supervisors, Planners & Schedulers, Contractors, Tradesmen and Service providers will benefit from this workshop.



Previous participants said the most valuable part of the Planning & Scheduling training was:

"Learning the expectations and requirements of a maintenance scheduler"

"Experience of the presenter"



Ross Francis (Ross Francis Consulting) is one of the most experienced people available to impart learning on this critical industrial topic. He has direct maintenance management experience, both in-house and as a contract manager. He has recently conducted training, coaching and mentoring assignments on this and related topics as part of in-house improvement programs.

Participants from all Industries (Pulp & Paper, Iron & Steel, Petro-chem, Mining, Minerals Processing, Cement, Water, Services) will benefit equally from this learning experience.

Contact:

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Training - Plant Shutdowns



About the Course

This highly participative and intensive one-day in-house course is aimed at providing participants with improved knowledge, new skills and takeaway strategies and methods to improve to improve departmental relationships and improve your plant efficiency through better shutdown planning, management and execution.

Topics covered include:

- 4 Phases— Initiation, Preparation, Execution, Termination
- Shut Determinants & Policies – fixing the goal posts
- Shutdown Management – Who “owns” the shutdown?
- Best Practice Planning & Scheduling – Why we do it
- Projects vs. Shutdowns & Projects in Shutdowns
- Asset Management, shutdowns & business goals
- Production vs. Maintenance – What can we do?
- Material & labour logistics—control or confusion
- Emerging work – In control or out of control?
- Operational Reliability—Short & longer term
- Meetings, forums & communication

Who should attend?



All stakeholders in plant shutdowns including Management, Maintenance Management, Production Management, Engineers, Production Superintendents, Maintenance Supervisors, Project Engineers, Planners & Schedulers, Contractors, Tradesmen and Service providers will benefit from this workshop.

Previous participants said the most valuable part of Shutdown Workshop was:

*Understanding everyone's role to get a better result
Structure set for production & Engineering
Experience of the presenter*

Ross Francis (Ross Francis Consulting) is one of the most experienced people available to impart learning on this critical industrial topic. He has direct shutdown management experience, both in-house and as a contract manager. He has recently conducted training, coaching and mentoring assignments on this and related topics as part of in-house improvement programs.



Participants from all Industries (Pulp & Paper, Iron & Steel, Petro-chem, Mining, Minerals Processing, Cement, Water, Services) will benefit equally from this learning experience.

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Asset Condition Assessment

Through our proven process we can assist you:

- **Define** asset condition for a total plant
- **Detail** required refurbishment actions
- **Relate** condition to criticality & duty
- **Develop** asset risk management strategies
- **Define** asset integrity compliance plans

Key Features:

- Process applies equally to manufacturing, mining, & infrastructure assets
- Condition assessed by cumulation of a number of age, functional and operational factors
- Asset Condition (at Maintainable item level) graded into 4 Levels
- Comparisons between current, required and design condition
- Details of specific condition monitoring or assessment requirements
- Assess condition from perspectives of Physical, Functional, Availability, Serviceability
- Use of Design data, Maintenance & Operations history
- Detailed report with actions required to restore to required condition

Benefits

- **Budget for known asset condition**
- **Contain costs for required condition**
- **Align operations with plant condition**
- **Benchmark for maintenance contracts**
- **Plan & control equipment risks**



The Asset Condition Assessment audit can be undertaken in conjunction with a [Maintenance Operations Review](#).

In this way management will have a complimentary report on the systems and processes required to keep the assets in the required operating condition on a continual basis.

Request further information on these complimentary audits for your plant & processes:

**[Asset Condition Assessment](#)
[Maintenance Operations Review](#)**

The Asset Condition Assessment can be readily extended to form part of a total strategic approach by combining asset condition, production performance, costs and long term forecasts through the application of the Asset Life Management System (ALMS) available from [AssetFuture](#).

*Contact Ross Francis Consulting now to discuss your Asset Management requirements:
info@rossfrancis.com.au*



Occupational Health, Safety & Environmental Policy



Ross Francis Consulting maintains in-house quality procedures appropriate for the conduct of a small consulting business to ensure the principal consultant, associates, subcontractors and employees conduct themselves in a safe and environmentally friendly manner at all times.

A minimum standard is compliance with the applicable State and Territory Occupational Health and Safety and Environmental Law, Regulations and Licences, and to request that site inductions be undertaken and training conducted appropriate to each customer site assignment.

The prime objective of Ross Francis Consulting is to **comply, uphold and promote the Occupational Health, Safety and Environmental policies, procedures and systems and the Quality Assurance Procedures** of all customer sites visited.

This policy shall extend to pro-actively assist customer organisations, within the bounds of each assignment, to enhance their OHS&E and QA procedures and practices and to improve plant performance through hazard identification, risk control and responsible environmental management.



Signed: Ross C Francis
Director & Principal Consultant
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