



Consulting Group Pty Ltd

# AMISPlus

Maintenance Management Review

## *Why use AMISPlus?*

An **AMISPlus** Maintenance Management review enables you to assess accurately how your maintenance service matches up against your competitors and to known benchmarks in your specific industry. **AMISPlus** will deliver analysis against which real decisions can be made and provide a platform from which you can improve efficiency, increase productivity and profitability and encourage others within your organization to strive for similar achievements. That is why this very cost effective service is used extensively across all industry sectors and organisations worldwide.

## *The AMISPlus Review Service*

The original AMIS audit was released in 1988 as an initiative of the UK Department of Trade and Industry, who funded the review of some 500 organizations. The **AMISPlus** review has been developed from the experience of the original AMIS audit and many hundreds of subsequent reviews and analysis of information and data. It has now been extended to cover a broader range of management categories and to be consistent with exponential technical, process and management advancements.

The **AMISPlus** program can be conducted by forming an audit panel from within the organisation who consider and compare best practice maintenance management practice statements with the client organisation's existing practices or alternatively MCP can provide a complete and exhaustive validated review independently.

## *Benefits of AMISPlus*

An **AMISPlus** Review will:

- provide a complete assessment of maintenance effectiveness and efficiency.
- provide quantifiable benchmarks of performance against recognized international success criteria inter-company and intra-industry sectors.
- provide benchmark comparisons of key performance ratios.
- pinpoint areas of weakness and brings potential and existing problems to the fore.
- provide a detailed action plan for improvement.
- provide an objective and independent review for Third Party Maintenance and Enterprise Bargaining improvement assessments.

**AMISPlus** is quantifiable, transferable and repeatable



## The Outcomes from AMISPlus

A full and detailed report including:

Management Category	Industry Av. %	Client %	Best Practice %
General Maintenance Standard			
Management and Administration			
Work Order Planning and Control			
Shutdown project Management and planning			
Budgeting and Cost Control			
Spares and Material Management			
Failure Analysis and Improvement			
Workforce Functionality and Improvement			
Workforce Productivity and Effectiveness			
Facilities, Tools and Equipment			
CMMS Optimisation			
Contract Management			
Training, Health, and Safety			
Quality and Performance Controls			
<b>Factor</b>			
Objectives and accountabilities			
Assignment of roles			
Team balance			
Support information			
Work procedures			
Team relationships			
Inter team co-operation			
Skills enhancement			
<b>Ratio</b>			
'Support staff' : Tradesmen			
'Supervisors' : Tradesmen			
Planners : Tradesmen			
Maintenance cost as % of sales turnover			
Maintenance cost as % of asset replacement value			
Labour Cost : Materials Cost			
Unit Maintenance Cost			
Stock Turn			
Stores service level			
Holding cost of spares as % of asset replacement value			
Jobs returned per tradesman per day			
% Planned Work			
% man-hours on Preventative Work			
% man-hours on Emergency Work			
Labour Productivity			
Schedule Compliance			
Backlog (Crew Weeks)			
Maintenance Delays			
Average Repair Time			
Overtime			

## Typical Report Table of Contents

1. Executive Summary
2. General Information
3. Performance Indicators
4. Strategic Review
5. Management Review and Comparison with the Respective Industry and World Class
6. Findings and Recommendations
  - Strategic Recommendations
  - High Priority
  - Medium Priority
  - Low Priority
  - Action Plan

*AMISPlus has been developed from past reviews of:*

3M	Cummins Engines	Mars
Abbott Laboratories	Cyanamid	Mobil Chemicals
Allied Steel and Wire	Duracell Batteries	Monsanto
AMOCO	ESKOM (Electricity Commission)	National Rail Australia
Antara Steel - Malaysia	ESSO	Nestle
Barclays Bank	Four Square(Division of Mars)	Norsk Hydro Fertilisers
Bulga Coal Management	GE	Northern Ireland Electricity
Black & Decker	GEC	Northern Ireland Railways
Blue Circle Australia / America	Goodyear Tyre and Rubber	Pilkington
BOC	Grand Met Brewing	Pirelli
Borg Warner	Guinness	Plessey
BP Chemicals	HJ Heinz	Quaker Oats
Brisbane City Council	Gunawan Steel - Indonesia	Queensland Rail
British Aerospace	Hunter Valley Water Corporation	Rhone-Poulenc
BritishAlcan	ICI	Roche Products
British Nuclear Fuels	J&B Whiskey	Rolls Royce
British Steel	Jaguar	Rowntree Mackintosh Ltd
Cadbury Schweppes	KCT Port - Malaysia	Royal Mail
CS Energy	Kellogs	Royal Mint
Chloride Industrial Batteries	Kimberley-Clark	Scottish Nuclear Power
Coca-Cola	Kodak	Shell
Corning Ltd	Kraft General Foods	Sydney Water
CSL Limited Australia	Land Rover	Water Corp. WA

## *About MCP*

MCP Consulting Group is an Australian company that has engineers and consultants working with clients in Australia, UK, USA, China, Indonesia, Thailand, Singapore, Korea, Malaysia, Cambodia, Brunei, Puerto Rico, Hong Kong and the Middle East. Drawing this extensive network of international consultancy experience in all industry sectors, we are second to none in improving companies' operational and maintenance management effectiveness.

Our services are primarily in Operations and Physical Asset Management and those practices required to achieve *world class*. This includes the following services:

- Strategic asset & maintenance management policies, plans and procedures
- Benchmarking and auditing:
  - Maintenance Management
  - Production / Manufacturing Management
  - Materials Management
  - Project Shutdown Maintenance
  - Team Working
  - Total Productive Maintenance
  - Good Manufacturing Practices
- Maintenance task, procedure, work packages and schedule development
- Outsourcing of services and outsourced contracts
- Training in asset and maintenance management
  - TotalAsset Management
  - Applied Maintenance Management
  - Maintenance Management Concepts & Tools
  - Reliability through FMECA
  - Winning Maintenance
  - TPM
  - Motivated Maintenance Teams
  - Customised in-house training to reflect the clients policies, processes, information systems and objectives
- Spare parts management
- Computerised asset management system selection and implementation
- Production and operational improvement programs
- Reliability Centered Maintenance and Failure Modes Effect & Criticality Analysis
- Total productive maintenance and operator asset care programs
- Project management of maintenance improvement programs



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