

ATTAINING MAINTENANCE OBJECTIVES



CONSULTING DIVISION

ACHIEVING EXCELLENCE THROUGH SYSTEMATIC ORGANISATION



STRATEGIC APPROACH TO IMPROVING THE TOTAL OPERATION OF THE ASSET MANAGEMENT / MAINTENANCE FUNCTION IN THE ORGANISATION

The success of an industrial organisation is dependent on its production equipment being reliable, operationally ready when needed, and maintained well. This can only be achieved if the Asset Management / Maintenance function in the business is operationally purposeful, founded on soundly working strategic and tactical processes, and supported by a well trained and motivated workforce.

DELIVERING VALUE TO THE ORGANISATION

ISO 55000, the Asset Management standard, identifies value creation as being one of the major contributions of excellence in practicing Physical Asset Management.

M-Tech's consulting work is consequently directed towards this lofty goal. No work will suffice if the organisation that we serve does not experience a significant increase in value delivered by its Asset Management / Maintenance function.

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OUR LATEST SUCCESS STORY

Over the last four years our consulting team performed a maintenance improvement project at DMS Powders in Meyerton with exceptional results.

A quote from DMS in relation to the project:

"Based (on this project's results) we sincerely recommend M-Tech to any prospective company that wants to improve their asset management / maintenance situation. They are a highly professional team, who go to the utmost to effect relevant transformation in the business".

A quote from an external auditor¹ associated with the South African Asset Management Association after the latest audit:

"The fact that DMS Powders is approaching full ISO 55001 compliance across-the-board is interesting, and a rare occurrence. This can only be achieved when a comprehensive and sound systems road-map is used to guide the development process, senior management is in full support of the process, and good buy-in from all staff has been obtained."

M-Tech employed a three phase process, executed as follows:

Phase 1 - Basic improvement - Mid 2011 to end 2012.

Phase 2 - Intermediate improvement - January 2013 to mid-2014.

Phase 3 - Advanced improvement - started January 2015, completion mid-2016.

¹ Mr Jan Myburg of *Integrated Physical Asset Management* (i-PAM)





DEVELOP NEW PROCESSES

M-TECH'S HOLISTIC APPROACH TO MAINTENANCE CONSULTING HAS LED TO SUCCESSFUL CONSULTATION PROJECTS IN THE FOLLOWING AREAS

PHYSICAL ASSET MANAGEMENT

RELIABILITY CENTRED MAINTENANCE (RCM), ROOT FAILURE CAUSE ANALYSIS, STATISTICAL FAILURE ANALYSIS, and FAULT FINDING.

MAINTENANCE STRATEGIC MANAGEMENT

MAINTENANCE ORGANISATIONAL IMPROVEMENT, ASSET MANAGEMENT SYSTEMISATION, MAINTENANCE EXCELLENCE

MAINTENANCE AUDITING

M-Tech has developed an excellent audit model, which measures maintenance performance against World Class Standards. Such audit is often used by organisations as starting point for maintenance improvement projects and as measure to test to what extent World Class standards have been attained.

TRAINING

M-Tech provides World Class Asset Management Training through our Terotechnica Maintenance College.

PUBLISHING

Publishing is through our Maintenance Publishers subsidiary.

CONSULTING

This brochure is devoted to our Consulting activities. Visit our website (see back of brochure) for more information.



It is amazing what results can be achieved by an integrated asset management approach.

*ISO 55000 identifies **VALUE ADDED** as perhaps the greatest benefit of such an integrated approach. This is exactly what we find in practice - see our latest success story on the left page.*



We have always prided ourselves in our double motto:

People with a passion for Maintenance and

We are driven by a passion to empower maintenance people.

We believe that this will be your experience when you engage with us.

M-Tech was formed in 1987 as an engineering consulting firm specialising in maintenance and mechanical engineering consulting. Today the focus is solely on physical asset management.

OUR MISSION

It is the mission of M-Tech to play a key role in improving the level of physical asset management practice in Southern Africa specifically, and as far as is practical worldwide, through being instrumental in formalising maintenance management theory, imparting that knowledge to maintenance practitioners and assisting maintenance organisations in achieving excellence through systematic organisation.

OUR TRAINING BUSINESS: TEROTECHNICA MAINTENANCE COLLEGE

M-Tech wishes to be instrumental in improving the level of Physical Asset Management and in particular Maintenance Practice.

As such, we develop and formalise maintenance management theory and impart that knowledge to Maintenance Practitioners.

This is done through the Terotechnica Maintenance College in Pretoria, which was established in 1992.

More information is available at:
<http://www.terotechnica.com>

Our expertise: YOUR SUCCESS



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