

Optimum performance  
**management**

for the manufacturing sector



**PBM** inc



## We make your data **talk** HOW ?

The completion of a rigorous analysis of maintenance operations and performance records (Data Mining) lets us show our clients how to prioritize their improvement efforts correctly.

## We help your **maintenance staff** OUR ROLE

- Achieve efficient, effective production equipment operations so as to increase availability and improve reliability.
- Data mine all available, pertinent information accumulated daily in different work reports.

## Continuous improvement process

Optimum performance management of production equipment should take into consideration the consequences of failure on production, operating expenses and the health and welfare of workers.

We also put in place a **continuous performance improvement management process** perfectly adapted to the context and constraints of our clients' workplaces.

We believe in the creation and development of a maintenance tasks portfolio, thus bringing added value to the maintenance activities of the company.

## Perfect integration

The performance management tools we propose **integrate perfectly** into all the improvement initiatives already in place throughout the company.

They do not require major changes in the work habits of the maintenance staff



# WHO ARE WE?

We are an engineering consulting company, specializing in the optimum performance management of production equipment. (See page 4)



# WHO BENEFITS?

Our customers are manufacturing companies that are already well aware of the importance of rigorous management of equipment reliability and how it benefits productivity.

These companies usually already have a management

information system for maintenance operations recording (GMAO), or are about to acquire such a system.

Plus, they often have a great deal of information already recorded but do not really know how to mine it successfully.

## APPROACH USED

Our approach integrates the main concepts found in Total Productive Maintenance (TPM), Total Quality Management (TQM) and Reliability--Centered Maintenance (RCM).

There are two main parts to this approach:



## Company benefits

- Increase in the reliability and availability of equipment
- Prioritization of improvement efforts
- Continuous equipment performance management
- Improved allocation of human and financial resources
- Reduction in operating costs
- Enables strategic planning on the possible impact of a breakdown on performance indicators

## Service offerings

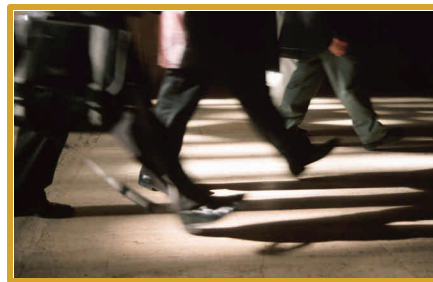
- Equipment and critical task identification
- Data extraction and treatment (data mining) so as to analyze reliability and maintainability needs
- Strategic equipment performance and maintenance activity analysis
- Performance indicator development
- Maintenance period optimization
- Creation of a FMECA (Failure Mode, Effects, and Criticality Analysis)
- Implantation of management and performance improvement processes
- Development of analysis and decision-making tools for continual performance management
- Reliability concept and performance analysis techniques training and coaching

## Our role in the company.

**PBM inc.** is an engineering consulting company specializing in reliability and maintainability issues.

We employ rigorous analysis techniques to exploit all the data available from the different information systems within the company, so that our customers can achieve optimum global performance management in their manufacturing and production facilities.

Mastery of your  
information is  
essential!



After rigorous performance analyses of all maintenance operations, undertaken during a predetermined timeframe, we enable our clients to continually prioritize their improvement efforts as regards ongoing problems.

We promote and support the creation and validation of a maintenance activity portfolio to bring added value to company maintenance activities.



## PBM inc. PRESIDENT Stefan Pleshoyano, Eng.

Electrical engineer (UQTR, 1989) and B.Sc. in Physics (McGill, 1987), experienced reliability specialist with more than thirteen years at Hydro-Quebec. Responsible for equipment reliability at the Gentilly-2 nuclear reactor plant from 1989 to 1993.

From 1994 to 2002, he managed equipment operation analysis at the TransEnergie transportation network under the direction of the DESTT.

Founder-President of PBM inc since 2002.

During the last seven years, he has developed a new approach to maintenance management based on the acute observation of equipment performance in various operating environments.

**Stefan Pleshoyano, Eng.**

**President**

Reliability & Maintainability specialist

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We can show you.

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