





INTERNATIONAL OPERATIONS & MAINTENANCE CONFERENCE IN THE ARAB COUNTRIES

UNDER THE THEME

"MANAGING MAINTENANCE WITHIN INDUSTRY 4.0"

CONICIDE WITH THE 16TH ARAB MAINTENANCE EXHIBITION

STEPS OF MAITENANCE CONSULTANCY

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Content















Introduction

Main business

Consulting structure

Software

Value adding

Introduction of our Consultancy









Strategy



Take root into factory Serve factory Promote factory

Mission

VisionTo be the leader of smart maintenance



Focus to maintenance, create value for enterprise through consulting +software service.





Quality Policy

Scientific, deliberate accurate service

Respect, Identity, Caring, Sharing, Gratefulness, Responsibility

Our Consulting Team



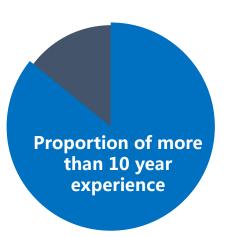




100% full-time consultant;

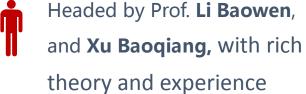
More than 40% with 20 years plant experience;

More than **90%** consultants with more than 2 different backgrounds



80%

More than 30% with **English consulting** experience





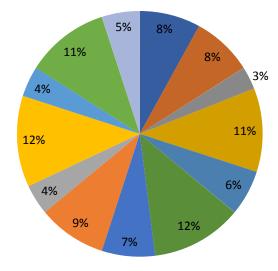
Service Scale







Proportion of trades



- Association Electronic Metallurgy & steel Industrial service Metro Mechanic Energy Petrochemical Food & Beverage,
- Tobacco & Pharmacy □Instrument

Cover 31 provinces, more than 300 cities

Some Clients









中国烟草 CHINA TOBACCO

































玉 漠















Some Clients









































Others























中核集团秦山核电有限公司













Our Academic Partners









China Mechanical Association



European Maintenance Associations





Guangzhou University



International Maintenance
Association



O & M in Arabic Countries

A penetrating study on maintenance issues is the precondition for an excellent maintenance consultancy





We publish 1 or 2 books each year

Works on Maintenance

- ✓ Published more than **50** books on maintenance
- ✓ Total publish quantity up to 1 million copies ;
- 《The Man-Machine System of Enterprise》 was published by American Academic Publisher, in English.

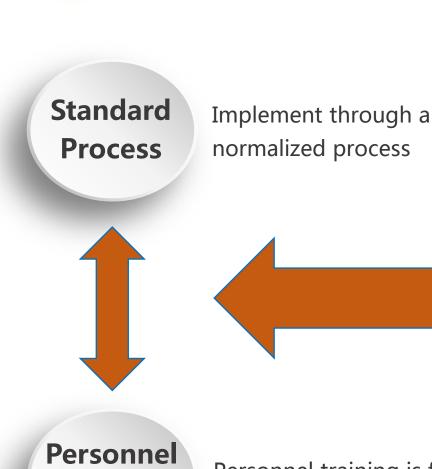


The Main Structure to put our Commendation or System into Practice

Training









Improve KPI is the target

Main Steps of consultancy



2.Framework Design

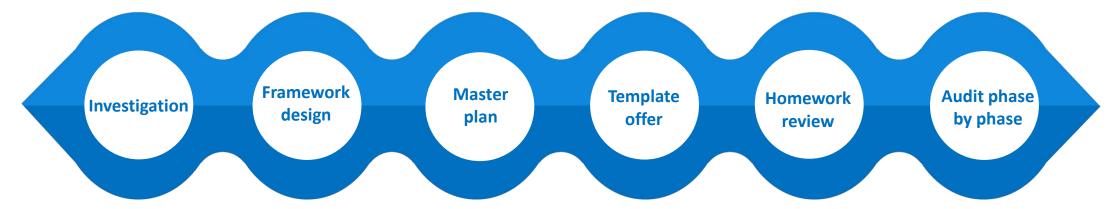
Analyze the data, different options, recommend the most appropriate options or solutions along with an implementation roadmap and expected outcomes, and obtain an acceptance decision by the client.

4.Template Offer

The clients are divided into 3 levels, for the lowest, the consultant should offer some feasible tools or template to help them carry out the issue of management such as standard, process, diagram or flow chart. For the highest, some creative space should be remained for them.

5.Homework Review

In each phase of service, the consultant should assign some homework for clients to fulfill, and make a review, check the progress next time. If some changes or difference appear, the consultant should solve them by sufficient communication and resource calling.



1.Investigation

To understand the business and environment of the client;
To understand the client's current problem and concern.

3.Master Plan

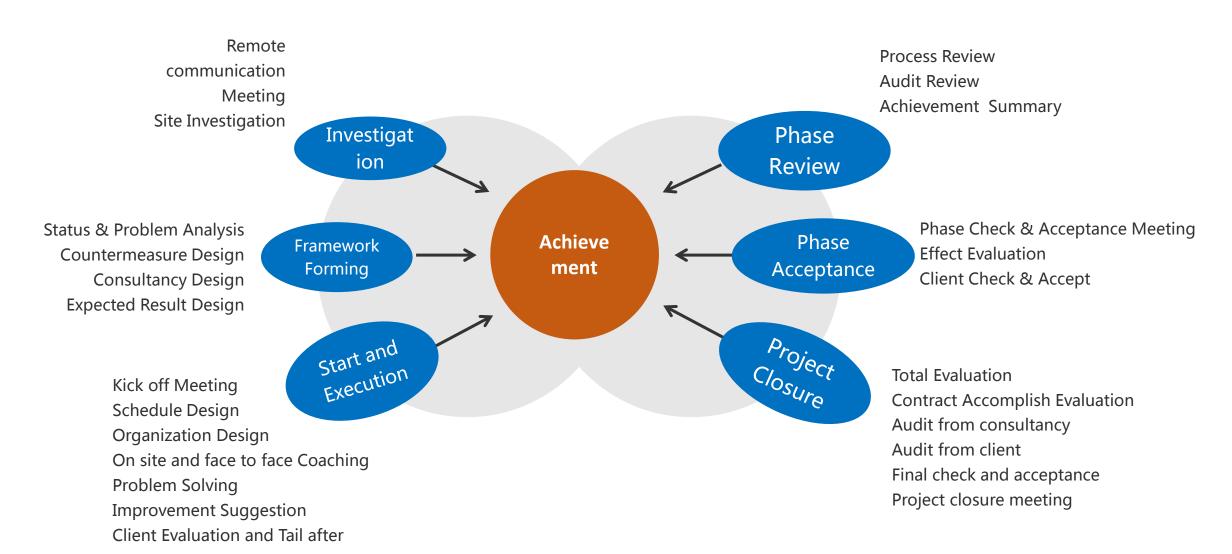
Includes execution roadmap, schedule, process execution content, mile stones, phase audit, resource commitment, responsibility of constancy and clients, change control, risk and quality management, KPI outcomes measuring.

6.Audit Phase by Phase

After each consulting phase, including the closure of the project, following content should be audited: phase target fulfilled, process or plant effectiveness, team performance, client satisfaction, as well as the innovations.

Mature Project Execution Flowchart

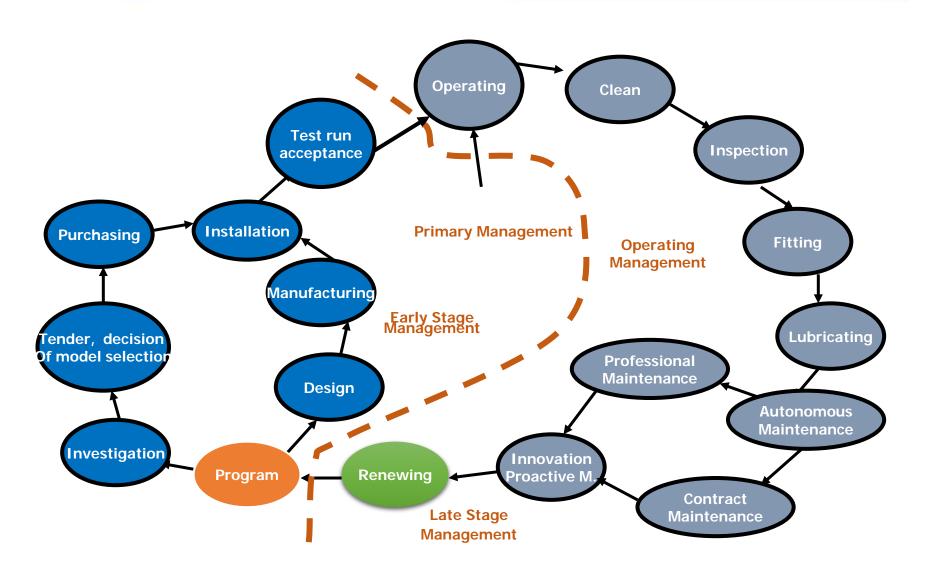




Main Business: Direct the Life Circle Maintenance Management







Main Business: Implement TnPM System



Total

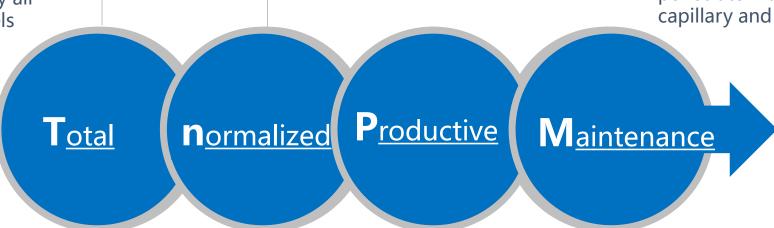
The foundation of TnPM

Life circle maintenance management involved by all departments and all levels TnPM——20 Years Practice, 20 years Innovation

Normalized

Carrier of TnPM

From standard to another, from one norm to another, penetrate into the blood capillary and nerve endings



Productive

Main target of TnPM

Related to all KPI, such as OEE, TEEP, MTBF, MTTR, as well as the ROI of maintenance, from input to outcomes

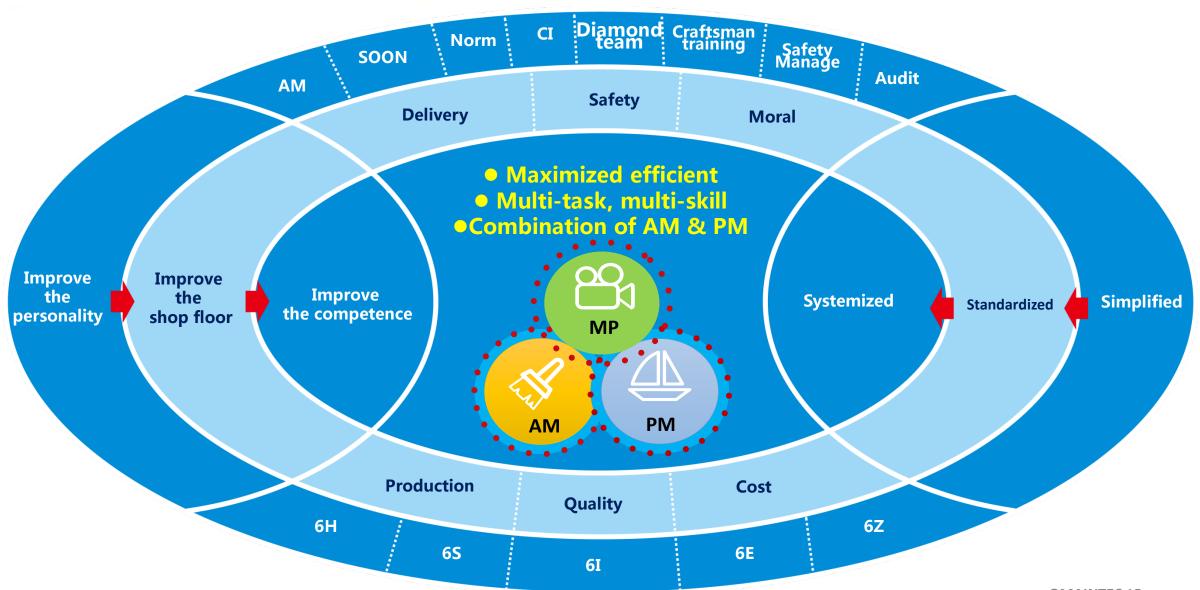
Maintenance

The concept and process of TnPM

-Combination of autonomous maintenance and professional maintenance, combination of internal and outsourced team

Main Business: Implement TnPM System

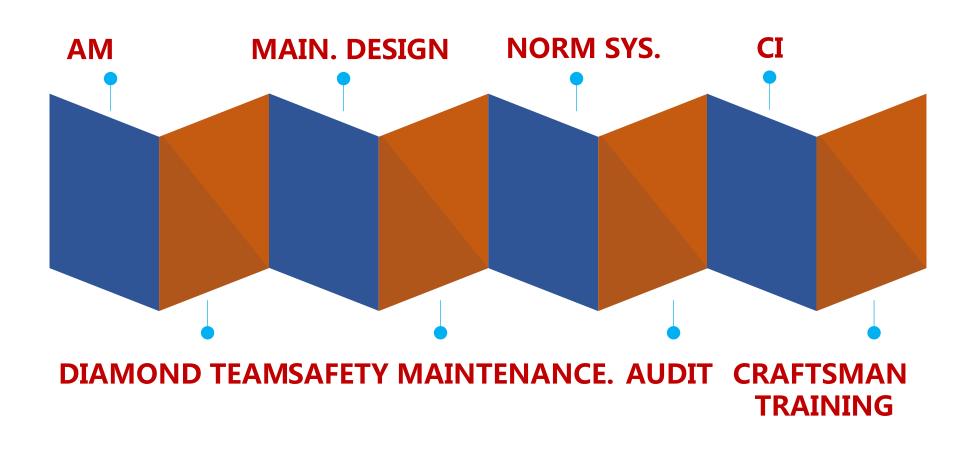




Main Business: Implement TnPM System

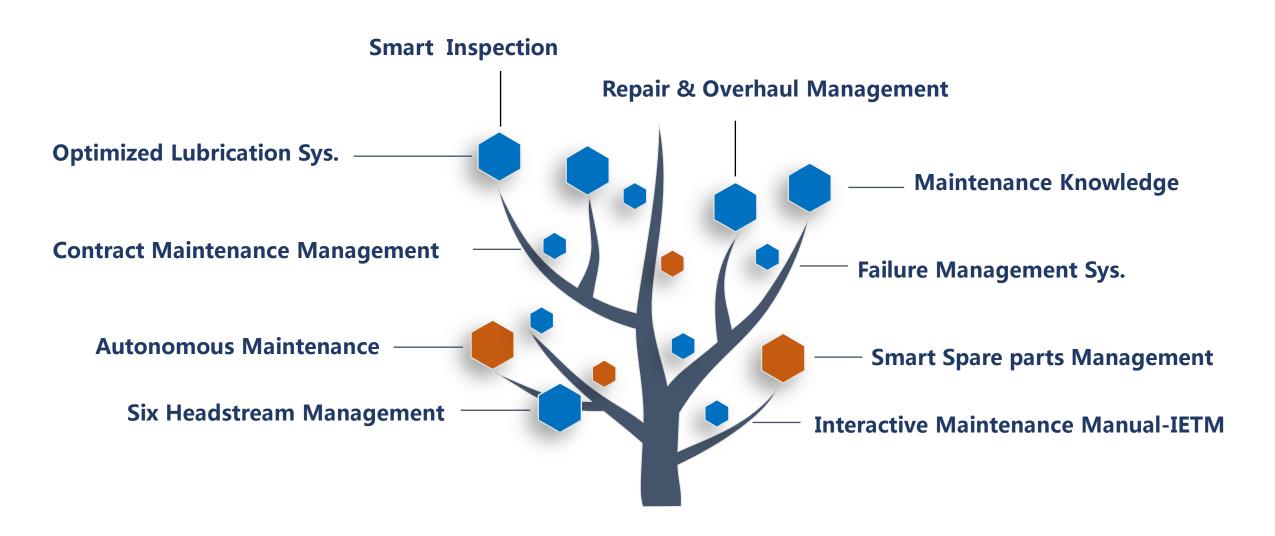






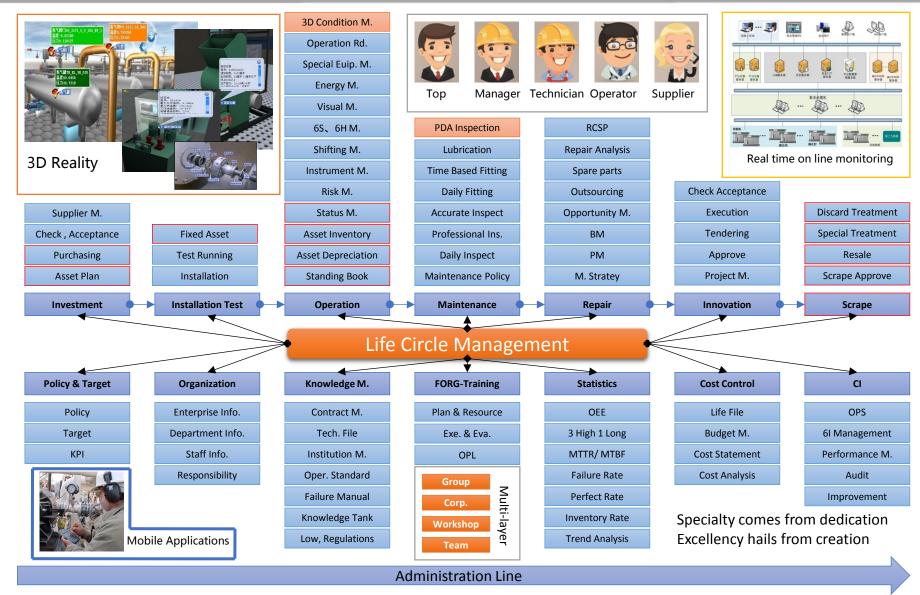
Our Consultancy is supported by our Information System





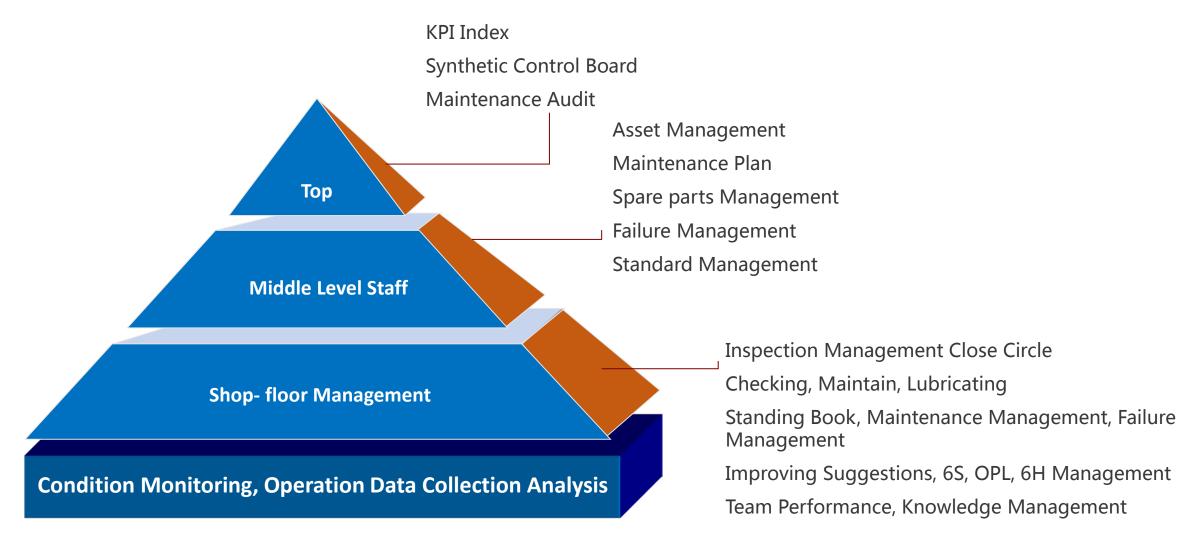
The Total Framework of Information System





Information System will satisfy all level's Requirement



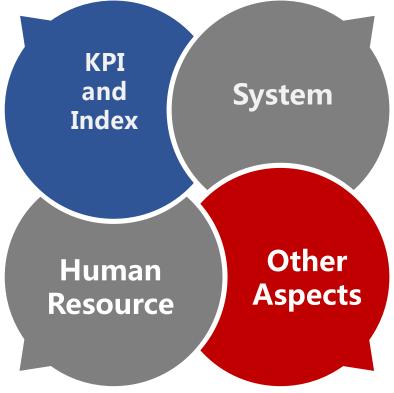


Value Creating



The improvement of KPI of maintenance, especially, the

progress of ROI;



The optimize of system and institution solidified by document;

The obvious promotion of the team member's quality;

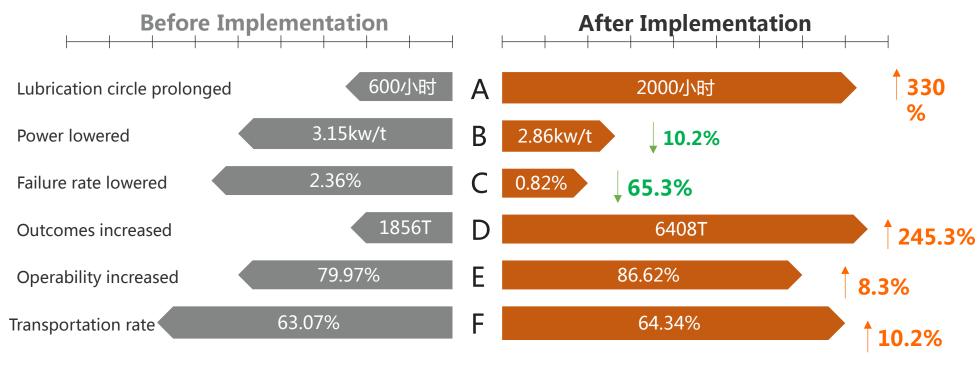
The following progress of QHSE.

Achievement of service





KPI improvement (Case of a steel mine)



Consultancy Service Audit





Process

- Process Effectiveness
- Process Improvements
- Total Achievement of the Project

Staff

- Level of OPL and OPS
- Promotion of Skills
- Capability to solve problems
- Satisfaction to the Project



Innovation

- Innovation (development of new services)
- New systems and Concept
- New Methodologies



Mobilizing

- Team Performance
- Utilization of Resources
- Team Building and Mobilizing



Our Organization









Guangzhou Shareford

Consulting, Training, Auditing



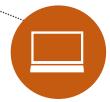
Goreach Information

EAM, Safety Management Sys. Info.



Shareford Int. (HK)

Overseas Project



Shenyang Shareford

Consulting, Training, Auditing

Evaluation from our Clients







Erdos Power & Metallurgy

Vice President Mr. Ji Xiaochun

We have the confidence to Shareford, it is an innovation to implement TnPM and related information system for our power plant and metallurgy plant. From 3 year's striving, the progress both from KPI and employee are all obvious.





Hengan Group

Assistant CEO & Chief manager of CI, Mr. Li Guang

Hengan is the biggest paper for daily use manufacturer in China. TnPM is feasible for the new operating mode of our group. After 2 year's implementation, we set up the confidence to Shareford. The foundation has established and many aspects is in progressing. It is helpful also to smart manufacturing of our group.





Qinghai Salt Lake Corperate

Vice CEO Mr. Yu Qiuping

The level of maintenance management is increased a lot after we cooperate with Shareford. It is important to carry out our target, to build up a first class garden of magnesium, lithium, and potassium in the world.

Evaluation from our Clients





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THANKS



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Thanks Questions and answers!

Welcome to our webpage : www.tnpm.org



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Specialty comes from dedication Excellency hails from creation

Leader of Smart Maintenance