

RELIABILITY & MAINTENANCE CONSULTING

MONITORING. SOLUTION. PERFORMANCE.

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ISE
BEFORE IT HAPPENS



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BEFORE IT HAPPENS

RELIABILITY CONSULTING

MANAGING MAINTENANCE IN A CAREFUL AND PUNCTUAL MANNER MEANS OPTIMIZING THE AVAILABILITY OF THE PLANT AND IMPROVING THE ECONOMIC PERFORMANCE



RELIABILITY & MAINTENANCE CONSULTING

ISE closely observes the life-cycle of the machines and offers **numerous services** in the field of Maintenance Engineering:

- ◆ MAINTENANCE AUDIT
- ◆ OPTIMIZATION OF PREVENTIVE MAINTENANCE PLANS
- ◆ IMPLEMENTATION OF PREDICTIVE MAINTENANCE
- ◆ ASSET MANAGEMENT SOFTWARE IMPLEMENTATION
- ◆ TRAINING

ISE consultancy, supported by collaboration **with IDCON**, leader in Reliability and Maintenance Consulting, offers services to:

- ◆ INCREASE RELIABILITY
- ◆ INCREASING PRODUCTIVITY
- ◆ IMPROVE PRODUCT QUALITY



MAINTENANCE AUDIT

AUDIT IS THE WINNING TOOL

A maintenance audit is the basic initial tool for defining an improvement project.

By collaborating with IDCON, ISE uses an audit and benchmarking process developed through experience in over **500 companies worldwide**.

Using the information acquired during the Reliability Assessment, ISE **supports the maintenance management** in defining and designing improvement strategies and plans that aim at maintenance cost reduction and reliability increase.





SCAN FOR MORE INFORMATION



OPTIMIZATION OF MAINTENANCE PLANS

PLAN TO IMPROVE

ISE predicts the inefficiency and problems of a plant by **optimizing its performance** and reducing repair and maintenance costs.

By following detailed guidelines, the ISE team is able to **support the customer** in the review and optimization of the **preventive maintenance plan**. Based on the customer's needs, ISE proposes the revision of the PMs with:

- ♦ **qualitative methods**
- ♦ **quantitative methods (RCM, FMECA, etc.)**





IMPLEMENTATION OF PREDICTIVE MAINTENANCE

DESIGNING PERFORMANCE

Designing and planning predictive maintenance means:

- Identify the best predictive technologies
- Reduce Safety Risks for people
- Reduce machine downtime
- Optimize plant productivity

ISE intervenes to develop predictive maintenance starting from the analysis of critical assets, the selection of predictive technologies and methodologies, the planning of inspection activities up to the use of the most advanced predictive techniques.





ASSET MANAGEMENT PROGRAM EFFICIENCY

SOFTWARE IMPLEMENTATION

An essential tool for improving asset management is an effective **Enterprise Asset Management information system**, which is why ISE is a partner of INFOR, the US multinational company leader in the reference market with the product INFOR EAM.

Implementing maintenance management software requires resources with specific skills, able to support the organization by introducing new and more efficient work procedures.

ISE's objective in supporting its Customers is to make an EAM system be the opportunity to eliminate the inefficiencies of the maintenance management system and to improve the ease of information management within the company.





OTHER SERVICES

ISE supports Customers in the most important and difficult stages of the improvement process by identifying the most effective and efficient solution:

- ♦ **Reliability Engineering (Equipment Criticality Analysis, RCM, RCPE, RBI, ecc.)**
- ♦ **Maintenance Planning & Scheduling**
- ♦ **Spare parts management**





TRAINING

TRAINING ON THE JOB

The strength of ISE training, gained from close collaboration with IDCON, it is given by the union between theoretical knowledge and experience gained in the field.

ISE trainings strength points are:

- ♦ **the professionalism of the teachers**
- ♦ **the customization of training programs, developed on the basis of the customer's needs**
- ♦ **accessibility: training courses can be held at ISE offices or at the customer's premises**







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