



First Annual Reliable Manufacturing Master Class Conference

FASTER MANUFACTURING THROUGHPUT AT LOWER COSTS



***Learn from industry leading experts through
practitioner designed content...this will be an
unmatched learning and networking opportunity!***

**December 4-5, 2013
Stockholm, Sweden**

Sponsored by The IDCON Reliability and Maintenance Alliance



Media Sponsor



***"This conference is specifically tailored to
operations and maintenance professionals seeking
practical, easy to apply advice and solutions to
quickly improve the bottom line."***

***Torbjörn Idhammar
President, IDCON and Conference Chair***

Go to www.idcon.com/events for more information and to sign up.



First Annual Reliable Manufacturing Master Class Conference



Torbjörn Idhammar
President
IDCON INC
Conference Chair



Ian McKinnon
Reliability Solutions IIc
Principal Partner, Chief Development Officer



Why you should attend the conference!

Learn:

- What the most important enablers and leadership practices are
- From your peers in the industry and how they meet the same challenges
- What the key elements of Reliable Manufacturing are and why you have to execute them well to free up time to do what you need to do
- What Key Performance Indicators to use and when
- What precision operations and maintenance is and what training is needed to upgrade your operator and maintenance skill sets
- Case studies of cost effective tools for predictive maintenance
- How to do a Root Cause Problem Elimination and use it to cement the partnership between operations and maintenance
- How to calculate revenues from improved Reliability in your manufacturing organization
- Why execution of the basics of reliability and maintenance still deliver the best return on investment
- How to optimize reliability and maintenance
- Tools and implementation of operations and maintenance inspection routes

Who should attend the conference?

The conference is specifically designed for Operations and Maintenance professionals in the manufacturing and process industries including:

- Mill Managers
- Operations Managers
- Maintenance Managers
- Planners
- Supervisors
- Operation Maintenance Coordinators
- Reliability Engineers
- Crafts People

Conference topics:

- Reliable Manufacturing – Enablers and Basics 2013
- Predictive Maintenance Best Practices
- Reliability and Maintenance Improvement Initiative at Söderenergi - Södertälje
- Designing and Implementing a Reliability Focused Maintenance Organization in a Start Up Iron Ore Mine – African Minerals Sierra Leone
- Lean Manufacturing – How to Implement and Sustain 5S
- LCC and Reliability Manufacturer's Role in Plant Reliability
- Improving Reliable Manufacturing with Precision Maintenance and Operating Practices
- Predictive Maintenance – Condition Monitoring of Hydraulic and Lubrication Systems
- Optimization of Reliability and Maintenance
- Root Cause Problem Elimination (RCPE) – The Process
- Root Cause Problem Elimination – Case Study SSAB, Borlänge
- Reliability quizzes and prizes

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Conference Speakers



Torbjörn Idhammar

President
IDCON INC – USA

Torbjörn has a Master of Science in engineering from Lunds University and a Bachelor of Science from North Carolina State University. Before joining IDCON he was project manager with MA systems in Lund. During his sixteen years career with IDCON he has worked with clients on a world wide basis in a very wide range of industries including Food, Mining, Chemical, Pulp and Paper, Wood based industries and many more.



Ian McKinnon

Principal Partner, Chief Development Officer
Reliability Solutions llc – USA

Ian co-founded Reliability Solutions llc in 2003. He has expanded "Precision Maintenance" into a holistic approach, Reliability ManufacturingSM where design, engineering, purchasing, production, and maintenance all work in concert to optimize the manufacturing process. He has written training curriculum that has passed rigorous university review and currently directs all curriculum and instructor development for Reliability Solutions. Ian is an inspired instructor who is passionate about helping others have a better life through the transfer of "hard" skills.



Sandro Berchiolli

Co-founder, CEO
ISE – Italy

Sandro is the co-founder of ISE Industrial Service Engineering and as the CEO of the Company, he has worked intensely to provide services and solutions to improve plant reliability, maintenance performance and condition monitoring standards for numerous multinational companies such as ENI, SCA, Roche, Abbott, Lafarge and many others. He is qualified with a level 3 Maintenance Manager Certification (Accredia Approved).



Klas Jonsson

Department Manager Mechanical Maintenance
Söderenergi – Sweden

Klas has a 28 year long career from craftsperson to maintenance manager with Söderenergi. He holds a diploma from Royal Institute of Technology. Today he is responsible for coordination of planned outages for all of Södertälje Energy's plants and development of work processes to improve productivity.



Thomas Baeko

Processing Manager
African Minerals – Sierra Leone

Thomas has a long career in operations and maintenance management from mining industry. Before moving to Sierra Leone he was production manager at Sydvaranger Gruver Norway.



Christer Idhammar

Founder and Vice President
IDCON INC – USA

Christer Idhammar is one of the original founders of the legendary Idhammar Konsult AB in Sweden 1972. He started IDCON INC in Raleigh NC, USA 1985. He is a world renowned and multi awarded reliability and maintenance guru.



Oscar Olofsson

President
WCM Consulting AB – Sweden

Oskar has a Master of Science in Engineering from Lulea University of Technology. Oskar has worked as a Production manager with Boliden Mineral AB and as Engineering Manager with Phadia AB. As a consultant, he has lead lean and TPM projects for Pfizer, Scania and Kemira.



Pasi Raikisto

President
Management Systems OY – Finland

Pasi has an extensive career as a consultant working on both sides of the table. He has been assisting a large number of equipment manufacturers to improve their maintenance service activities as well as assisting factories to improve reliability and maintenance performance.



Tom Odden

Founder and President
Operma AS – Norway

Tom has an extensive background as consultant, project manager and supplier of technical solutions to a broad variation of industries. He has designed and managed condition monitoring programs and implemented preventive and condition based maintenance in many plants world wide.



Johan Blomkvist

Supervisor
3M – Sweden

During his work with at SSAB steel mill in Borlänge Sweden, Johan adapted the RCPE process developed by IDCON INC into a tool to use in the RCPE process. Johan joined 3M in June 2013.

Conference Schedule

Wednesday – December 4, 2013

Time	Topic	Description
08:00 to 08:15	Welcome and Opening	Torbjörn Idhammar, President, IDCON INC
08:15 to 10:00	Reliable Manufacturing Enablers and Basics 2013 Christer Idhammar Founder and Vice President IDCON INC Raleigh, NC USA	Improved Reliable Manufacturing delivers faster throughput of products at lower costs. It is one of the last major competitive advantages industry has left to tackle. This session will define the concept and highlight management approach and enablers needed for successful implementation.
	Work Management Systems for Operations and Maintenance Torbjörn Idhammar President IDCON INC Raleigh, NC USA	The core of reliability is a good partnership between operations and maintenance. A good work system lays the foundation for that partnership. This presentation will discuss "what good looks like" for a work system between operations and maintenance.
10:00 to 10:20	Networking and Refreshments	
10:20 to 11:10	Predictive Maintenance Best Practices Sandro Berchiolli Co-founder CEO ISE Lucca, Italy	This session will give advice on how to implement an effective predictive maintenance program. Obtaining results from a predictive maintenance plan requires consideration of many different elements including: criticality of equipment, what predictive technologies to use, evaluating results using the right performance indicator and skills and training of predictive experts. This session includes real case studies.
11:15 to 12:00	Reliability and Maintenance Improvement Initiative at Söderenergi Klas Jonsson Manager Mechanical Maintenance Söderenergi Södertälje, Sweden	The journey from the earliest initiatives, including experiences from the new power plant to a full picture of our work today within the reliability and maintenance process. Why we have chosen our process oriented work approach to reach our goals.
12:00 to 13:00	Networking and Lunch	
13:00 to 13:45	Designing and Implementing a Reliability Focused Maintenance Organization in a Start up Iron Ore Mine Thomas Baeko Processing Manager African Minerals Tonkolili, Sierra Leone	African Minerals began shipments from the Tonkolili mine in Sierra Leone in November of 2011. To date they have met their targeted goal of 20 million metric tons exported. Without reliable equipment this would not be possible. What were the challenges and obstacles to overcome to sustain Reliable Manufacturing?
13:50 to 14:40	Lean Manufacturing - How to Implement and Sustain 5S Oscar Olofsson President WCM Consulting AB Vaxholm, Sweden	What happens if a very important customer comes to visit your plant, do you have to do extra cleanup? If so, you do not have a working 5S-system. Implement 5S for higher safety, fewer breakdowns, and higher morale. This session will introduce the five steps and how to drive the necessary cultural changes that maintains the results.
14:40 to 15:10	Networking and Refreshments	
15:10 to 16:00	LCC and Reliability - Manufacturer's Role in Plant Reliability Pasi Raikisto President Management Systems OY Savonlinna, Finland	Equipment manufacturers and suppliers have intensified the development of their maintenance services and built delivery networks. They offer to provide value over the entire life cycle of equipment- or do they? Quite often, their offers do not match the needs of the end user or they are unable to identify their role and where they can add more value. This session gives the framework for initiating mutually beneficial discussions between the user and supplier to meet the goal of higher reliability and lower costs over the entire life cycle of equipment.

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Conference Schedule

Wednesday – December 4, 2013

Time	Topic	Description
16:00 to 16:30	Summary and Open Discussion	
16:30 to 17:00	RM Quiz and Drawing of Prizes	
17:00 to 19:00	Networking and Refreshments	

Thursday – December 5, 2013

Time	Topic	Description
08:00 to 10:00	Improving Reliable Manufacturing with Precision Maintenance and Operating Practices Ian McKinnon Principal Partner, Chief Development Officer Reliability Solutions llc Walnut Hill, FL USA	With the onslaught of baby boomer retirees it is imperative that measurable skill set improvements for operators and maintenance crafts people are applied systematically and logically to provide sustainable results. This session provides a review of realized field results gain in: asset reliability improvement, enhanced production, maintenance cost reduction and energy conservation. Attendees will be provided with a set of take home, "in-the-field" precision observation assignments.
10:00 to 10:20	Networking and Refreshments	
10:20 to 11:00	Predictive Maintenance - Condition Monitoring of Hydraulic and Lubrication Systems Tom Odden Founder and President Operma AS Brevik, Norway	Good operations and maintenance decisions are based on Right Information at the Right Time! In many plants, hydraulic and lubrication systems are an essential part of production equipment. Up to 80% of malfunctions and breakdowns in these systems can be predicted and prevented. This presentation focus on a practical approach to have the right information in due time. We also present experiences made to make systems more reliable.
11:05 to 12:00	Optimization of Reliability and Maintenance Christer Idhammar Founder and Vice President IDCON INC Raleigh, NC USA	Is there an optimum where the right amount of maintenance will deliver the optimum reliability as an output? This session will describe common misconceptions and how you arrive at this optimum.
12:00 to 13:00	Networking and Lunch	
13:00 to 15:00	Root Cause Problem Elimination (RCPE) Tor Idhammar President IDCON INC Raleigh, NC USA	A tool to drive continuous improvement and to bring operations and maintenance together. This session will discuss the thought process and simple tools on how to do RCPE.
15:00 to 15:20	Networking and Refreshments	
15:20 to 16:00	Root Cause Problem Elimination Case Study Johan Blomkvist Supervisor 3M Svenska AB Gagnef, Sweden	A case study on how RCPE has been implemented in a manufacturing environment. The process and tools used, training structure and examples of results will be discussed in this session.
16:00 to 16:30	Summary and Open Discussion	
16:30 to 17:00	Reliability Quiz and Prizes	

Conference Information



Extend your stay to enjoy the Holiday season in Old Town Stockholm

When is the conference?

December 4-5, 2013

Where is the conference?

This conference will be held at Citykonferensen in Stockholm, Sweden.

Citykonferensen Ingenjörshuset
Malmskillnadsgatan 46
111 84 Stockholm

Telephone +46 (0)8 613 8100
bokning@citykonferensen.se
www.citykonferensen.se

The conference center is located in the heart of downtown Stockholm. Take advantage of all the city has to offer: museums, galleries, fine dining and the lake front all within walking distance.

We recommend you book hotels early.

There are several hotels within walking distance to conference location including:

Rica Hotel ph. +46 (0)8 7237200 www.rica.se

Scandic Hotel Sergel Plaza +46 (0)8 51726300 www.scandichotels.se

Hotel Kung Carl +46 (0)8 4635000

Conference fees

Per Person price €1180.00

Three or More* €950 per person

Five or More* €790 per person

*Once you have registered we will send you an invoice. You must register and pay for all attendees on one invoice to receive the discounted pricing.

Save When you Sign Up Early!

Sign up and pay before 11 October 2013 and save 10% off the Per Person Conference Price.

Price includes morning and afternoon coffee breaks, lunches and evening cocktails on 4 December.

How to register for the conference

Easy registration:

Register online at www.idcon.com

By Phone: +46 732611607

+1 919 847-8764

Bring 10 or more from your company and get a great deal. Call or email us today for details.