Integration of Safety, Health and Environmental Scania CV AB

Thomas Paulsson, Safety and Work Environment Engineer
Provider of transport solutions

**Products**
- Heavy trucks
- Heavy buses
- Engines

**Services**
- Workshops
- Parts
- Driver training
- 24-hour roadside assistance

**Financing**
- Operational leases
- Financial leases
- Hire purchase
- Insurance solutions
The world of Scania

Production units
1891 Sweden
1957 Brazil
1964 Netherlands
1976 Argentina
1992 France

Sales and service units
1,000 sales points
1,500 workshops
Round-the-clock assistance

Number of employees
32,000 persons

Deliveries 43,443 units
Net sales SEK 62,074 m.
Scania Production System

Continuous improvement

Right from me

Priorities
1. Safety/Environment
2. Quality
3. Delivery
4. Cost

Normal situation – Standardised working method

Customer first  Respect for the individual  Elimination of waste

Leadership

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A way of thinking…

Core values

Principles

Methods

Results

A way of thinking

A way of doing things

….. which leads to results
Continuous improvements

Create a new better normal situation by continuously eliminate / reduce waste

- Part of daily work
- Deviations – important input
- Improve / Challenge
- Improvement groups
Leadership

- Clear and supportive

- Creates a secure climate
  - Encourage employees to detect deviations
  - Challenge the process
  - Try new solutions
  - Accept errors

- Follow-up results
Strategic work

Core values
Health & Environment Policy
Methods
Corporate Social Responsibility

Principles

Health & Environment Policy

Environmental Policy
Scania continuously improves the environmental performance of its products, processes and activities. Business demands and other requirements form the basis for improvement, where fulfilment of legislation is fundamental. Scania’s environmental work is proactive, based on a life-cycle perspective and the principles of precaution.
Strategic work

Core values
- Health & Environment Policy
- Proactive methods
- Corporate Social Responsibility

Methods

Efficient process
- Strategy
- Leadership
- Knowledge
- Participation
- Standardization
- Integration into the daily work
- Right from me
- Right from the beginning
- Visualization
- React on deviations
- Follow-up of result
- Continuous improvements

Proactive methods

Environmental Protection and Health & Work Environment integrated in the production process
Method – Morning Meeting

7,45 – 8,00

Agenda Morgonmöte DMBA

1. Genomgång/uppföljning av förgående möte (aktiviteter att följa upp)
2. Säkerhet/Miljö
   • Olycksfall / tillbud och andra avvikelser
3. Är daglig tillsyn utfört
4. Är UFO utfört i samtliga grupper
5. Hur ser kvalitetsläget ut nu (följt samtliga rutiner och standarder)
6. Leverans (genomgång av respektive flöde):
   • Utfall senaste dygnet och lage för veckan
   • Orsaker till tapp
   • Några avvikelser som skall följas upp
   • Buffertläge
   • Hur går det nu
   • Behov av övertid
7. Personalläge
8. Genomgång av övriga frågor
9. Vid behov “Gå och Se”

Group level – Production Leader
Method – Morning Meeting

Makes conclusions

Work shop level – Work Shop Manager

8,30 – 8,45
Method - Improvement Group

- Weekly improvement meetings
- Different "responsibilities"
Method – Activity List

Korta aktiviteter

AKTIVITET

UPPDATERA KEMIKALE PÄRM  Ali

Fixa AVSÄLJNINGENS PÄRM  Karin

ÄNDRANAMN FRÅN KRASCH TILLPB  Malena

UPPDATERA ROLLPÄRMNARS NAMN (PROVA MED) ALA

BRÅTOMLAPPARNA TÄS BORT  Yarasab

UPPDATERA DEKALTILLSATS PÆ PA16–PA18  Malena

UPPDATERA ÅRSSCHEM  Malena

Kolla upp Stämplar av UFOsläma  Malena

UPPDATERA UFO INSTR NÆ 16-01  Malena

DAGENS FOKUS:

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SCANIA
Method – Position standard

- Element sheet with work instructions
- What / How / Why
- Possible to integrate
  - Safety
  - Work Environment
  - Environment
- Developed and improved by employees
Method – Risk Management

- Impact of change
  - PD-process
    Product development
  - PEIP
    Production Equipment Investment Process
  - TFP, Technical demand for production equipment
  - Risk assessment
  - CE-model
Method – Risk Management

- SES design (2008)
- SES production (2005)
- PCR (product change request)

Risk assessment:
- Pre-development
- Continuous introductions
- Product follow-up

Fas 1 2 3 4 5
Method – Risk Management

PD-process

Customer need

Supplier | Factory | Importer | Dealer

Sales to Delivery

Customer Acquisition & Retention

Service delivery

PRODUCTION EQUIPMENT INVESTMENT PROCESS

- Indication
- Assignment directive
- Project definition
- Inquiry sent to selected suppliers
- Compilation of quotations
- Order confirmation
- Equipment ready for delivery test running
- Equipment approved for delivery to Scania
- Equipment taken over by Scania
- Plant project concluded
- Project follow-up finished
- Warranty time expired

Time
Method – Risk Management
Method – Risk Management

- Risk identification
  - Maintenance by operator
  - Preventive maintenance
  - Mapping of safety and work environment aspects
  - Surveys
Method – Risk Management
Visualization – Activity list – Actions taken
Method – Risk Management

- Risk analysis
  - Chemicals
  - Transport
  - Work equipment
  - Machines
  - Emissions

- Risk treatment
  - Activities
  - Position standards

- Re-evaluation
Method – Risk Management

LYFTUTRUSTNING – RISKBEDÖMNING

Method – Risk Management

Units
Sweden

DA/DG

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Method - Incident Reporting

- Awareness
- Corrective actions
- System for reporting
  - Accident and near-accidents
  - Other deviations
- Investigate
- Preventive actions
- “Go and see”
- Lesson learned
Method - Incident Reporting
Result – SPS Assessment

Den till 100 % perfekta verkstaden

Säkerhet och miljö
Ordning och reda
Kapabla processer
Flöde
Förbrukningsstyrning
Standardiserat arbetssätt
Maskinstatus
Organisation
Resultat
Result – SPS Assessment

Scania DG
-en lärande organisation

SPS
Samlat bedömningsstöd

Den till 100 % perfekta verkstaden
To give focus to the work with Environmental Protection and to the Management of Health and Work Environment issues

- Identify and spread good practices
- Identify areas of improvements
  - Local
  - Common
- Comply with requirements in ISO 14001 and OHSAS 18001
# Rating Topics - Health & Work Environment

| General                        | ■ Global Health and Work Environment Policy  
|                               | ■ Strategic action plan for Health and Work Environment development  
|                               | ■ Health and Work Environment support  
|                               | ■ Responsibilities and allocation of tasks  
|                               | ■ Legal and other requirements  
| Develop health                | ■ Competence within Health and Work Environment  
|                               | ■ Introduction of new employees  
|                               | ■ Lifestyle matters  
|                               | ■ Diversity  
|                               | ■ Management of change  
| Prevent risks                 | ■ Surveys, investigation and risk assessment  
|                               | ■ Load ergonomics  
|                               | ■ Work accidents, near-accident and other deviations  
|                               | ■ Chemicals  
| Cure and rehabilitate         | ■ Work adaptation, rehabilitation and job retraining  
|                               | ■ First aid and crisis support  

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*Integration of Environmental Protection and Health & Work Environment*  
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*S Olsson / T Paulsson*  
*2010-04-21/2010-12-07*
Scania Blue Rating – Health & Environment

Different criteria

Production unit

Utfall 2007

Utfall 2008
Tack för att ni lyssnade!

Frågor?
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