# RAMBOLL

# Certificate of Compliance Eco Land™ and Sea™ Absorbents

# **Purpose**

The purpose of this certificate is to give guarantees for compliance with the chemical legislation in EU for the product **Eco Land™ and Sea™ Absorbents**.

# Compliance

Eco Land™ and Sea™ Absorbents and its ingredients complies with the demand in the REACH Regulation (EC) 1907/2006 about e.g. registration of chemicals and information in the supply chain. All ingredients are registered according to REACH. The Safety Data Sheet (SDS) of the product complies with the demand in Annex II of the REACH regulation about the content of a SDS. The product also fulfils the demand for classification and labeling of chemicals in EU CLP Regulation (EC) no 1272/2008.

Date 08-09-2022

Ramboll Sweden AB Lokgatan 8 SE-211 20 Malmö Sweden Environment & Health

T: +46-10-615 60 00

Ramboll Sweden AB

Ann Martone

# Assessor's credentials and approval

Ann Martens has more than 25 years' experience of assessing environmental and health effects of chemicals. She has a master's degree of Chemical engineering and have also taken several courses in toxicology and occupational health and safety.

CV of Ann Martens is enclosed to this certificate.

More information about Ramboll and our services can be found on www.ramboll.com.

Ramboll Sweden AB Org no 556133-0506

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VISAED MALMÖ
CHAMBER OF COMMERCE AND
INDUSTRY OF SOUTHERN SWEDEN

Monica Svensson



# **ANN MARTENS**

# **Environmental management**

Ann has over 30 years' experience of industrial activities. Ann works with hazards for environment and occupational health and safety of chemicals. Ann has expertise in environmental and chemical legislation like the REACH and CLP-regulations. Ann has from 2008-2014 been responsible on a local level for

Ramboll's Environmental system in the South Division in Sweden. From 2016 Ann is HSSEO coordinator for the market sector Environment & Health in Sweden. Ann has assignments in the area of environment, chemicals, occupational health and safety in the industry and building sector. Risk assessments of chemicals from cradle to grave. Makes MSDS's and other information for safe handling of chemicals. Conduct toxicological and ecological assessment of chemicals. Makes assessment of pollutions from an industry or buildings and compliance audits and EDD's. Helps registrant and downstream users fulfil their obligations under REACH.



# **CONTACT INFORMATION** Ann Martens

ann.martens@ramboll.se +46 10 615 54 47

Ramboll Lokgatan 8 211 20 Malmö Sweden

# CAREER

2006->>>

Environmental management, Ramboll Sweden AB

1989-2005

Chemical and environmental Engineer, Trelleborg Ind. AB Responsible for HSE assessment of rubber chemicals for the production (total amount used in the production was appr. 1500 different chemicals). Ann also worked with material related environmental projects and analysis of rubber chemicals.

1987-1989

Synthesis of biocides, Lund University, Department of Organic Chemistry 1

1986-1987

Synthesis of peptide hormones, Ferring AB

# **EDUCATION**

1985

M. Sc. Chem. Eng

Chalmers University of Technology

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# **COURSES/CERTIFICATIONS**

ESA Instructed person, 2021

Training about electrical safety and hazards on a workplace. Course length about 3 hours.

ESA14. Course of Health and Safety according to the standard EN 50110-1, when working with electrical equipment., 2016

Course: Health and Safety Site Solutions Training; 1 day. The course covered: General Chemistry; Toxicology; Site Characterization, Hazard Assessment. Personal Protective Equipment. Company/Regulatory Requirements., 2016

Course for inventory of Asbestos in buildings. The course also aimed to be able to supervise the removal of asbestos in buildings., 2015

PhD course 1 week: Health Risk Assessment-Principles and Applications, IMM, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden., 2014

1 day course for Bas-P, Coordinator for Occupational Health and Safety during the Projecting Phase of Building and Constructing work., 2011

Environmental Risk Analysis, 15 credit points, Växjö-Kalmar University, 2010

Course for Internal Auditor of Quality and Environmental Systems, 2007

Environmentally Friendly Design. Ramboll Course, 2007

Project management courses step 1 and 2, Internal Ramboll Courses, 2007

Participated in course in Environmental Impact Assessment; Lund University, 2006

Course Occupational Health and Safety, 15 credit point, Lund University, 2005

Course in Environmental Toxicology, 7.5 credit points, Occupational and Environmental Medicine, University Hospital Lund, 2004

# LANGUAGE SKILLS

Swedish (mother tongue), English, German, Italian

# **PROJECTS**

2022

**Project Alan Scott** Trill Impact AB, Sweden Project Alan Scott - DDHSE Sweden

2022-2023

**Chemical Safety and SDS Metso Outotec** Metso Outotec Sweden AB, Sweden

Chemical safety and SDS Metso Outotec. Help assess suppliers' SDSs and their labels.





# Legal monitoring Plus, Work environment, Environment and Food, Tetra Chemicals **TETRA Chemicals Europe AB, Sweden**

Legal monitoring Plus, Work environment, environment and food, Tetra Chemicals

# 2020-2022

# JCI: FY2020 CAP Audit – Lammhult, Sweden

# Johnson Controls, Inc., United States

Ramboll conducted an EHS audit of the JCI facility in Lammhult, Sweden.

#### 2022

# **Audit Legal Compliance**

# Trelleborg Sealing Profiles Sweden AB, Sweden

Audit Legal Compliance at a plant manufacturing rubber seals

# 2022

# **Project Viking**

# Perstorp Holding AB, Sweden

EDD assessment across a chemical factory portfolio

# 2021-2022

# **EHS Compliance Audits at 5 sites of Kemira**

# Kemira Oyj, Finland

EHS Compliance Audits at 5 sites of Kemira.

# 2021-2022

#### Malmö University Environmental Consulting Services.

# Malmö Universitet, Sweden

Malmö University Environmental Consulting Services. Help with management systems and routines for the environment and health and safety. Chemical issues. The assignment ran two days a week for about 4 months. The work includes i.a. also to develop routines for laboratories regarding chemical handling and biosafety aspects, work with systematic assessment of construction products. The assignment also included producing material for internal training in chemical and biosafety as well as supporting the procurement of chemicals.

# 2021-2022

# **Update of Risk Assessment** LANDSKRONA STAD, Sweden

Update of Risk Assessment

# 2021-2022

# PPG EU-VARI-EDD & H&S Compliance

# PPG Industries Europe Sàrl, Switzerland

Post acquisition integration EHS audit program and site assessments at the Tekkurila group including seven paint production sites

# 2021

# Vattenfall - Projektinspektioner 2021

Vattenfall Eldistribution AB, Sweden

Vattenfall - Project HSE audits 2021





# Environmental management system ISO 14001 for Maximilian

# Maximilian Transporter AB, Sweden

Helping with compiling an Environmental management system ISO 14001 for Maximilian, a company providing taxi services for the public health care providers in south of Sweden.

#### Project manager

Writing routines, guiding the top management in the necessary steps for a well-functioning system.

#### 2021

#### **HSE Compliance Assurance Programme 2021**

#### Ball Beverage Packaging Europe Ltd, United Kingdom

Ramboll was retained to provide assurance in respect of health, safety and environmental (HSE) regulatory compliance for the following seven Ball EMEA beverage can production facilities: La Selva, Spain, Egypt, Fosie Sweden, Manisa Turkey, Manstala Finland, Italy & Wakefield UK.

# 2020-2022

#### Flint PCK HSE Audits

### Flint Group GmbH, Germany

Health, Safety and Environmental (hereafter "HSE") and Product Safety Compliance Audits at 10 Flint locations

# 2020-2021

# Flint PCK Legal Registers

# Flint Group Packaging Inks Germany GmbH, Germany

Flint PCK HSE and PS Audits - PS Audits..

# 2020-2021

#### Copm Edu Training ISO 45001 Nordic Plastics Group AB

# Nordic Plastics Group AB, Sweden

Training ISO 45001 Nordic Plastics Group AB durin gone day incl. workshop.

# 2019-2022

# Lagbevakning content work

# Diverse kunder REHSE, Sweden

Tid som läggs på utveckling av Lagbevakning

# 2017-2018

# Updating Environmental system -ISO 14001-2015

# Ramneskogs Recycling AB, Sweden

Identifying parts in the existing Environmental System that need to be upgraded for a Waste company and perform changes according to ISO 14001:2015.

Updating or reviewing about 40 routines also because of a new localisation of the whole company.

# 2017

#### Comparative study on HS regulations in FI, SE, DK, NO, RU

# Oy Karl Fazer Ab, Finland

Project role was responsibility for a legal registry with Swedish legislation.

# 2017-2021

# Environmental sampling in buildings Botanic museum, Embrologen, Aghardianumin Lund Statens Fastighetsverk, Sweden

# Assistant

Environmental sampling in connection with rebuilding. Reporting hazardous materials for renovating the buildings



# Olsbo 1 Environmental soil sampling

# Malmö stad, Sweden

Sampling due to new housing.

Assessing indoor environment and VOC in indoor air from pollutants under the houses.

#### 2017

# Air investigations Kv. Triton

#### Lantmännen Kvarnen 7 AB, Sweden

#### Assistant (the project manager covered noise hazards from the plant and traffic in the area).

Assessments and descriptions of the effect of Lantmännen's activities (a large mill) relating to air emissions, involving residential construction in kv Triton. Health risk assessment of flour emissions from a large mill. Assessment if residential buildings are possible near the mill.

#### 2016

# Environmental audit asbestos removal Akelius Kronprinsen.

# Akelius Kronprinsen 1 AB, , 556977-4986, Sweden

#### **Project Manager**

Environmental audit asbestos removal Akelius Kronprinsen. Control of the documentation regarding legal compliance and the health & Safety precautions when working with the asbestos.

# 2016-2020

# Risk Assessment - Skeppsbrokajen

#### LANDSKRONA STAD, Sweden

Risk assessment in Landskrona Harbour for a new planed area (residential and office buildings). Risks of pollutions and noise exposure generated from surrounding industry, dangerous goods transport and harbour traffic.

The risk assessments covered e.g. lead emission, sulphur dioxide, cyanides, and nitrogen oxides from Seveso plants in the area. The planned area was close to three large Seveso plants. The role in the assignment were an overall risk assessments for human health for all above hazards and emission in case of accidents or fire at the Seveso plants

# **Asssitant**

Responsible for assessing risk for human health.

# 2016-2020

#### **Environmental survey Kungshuset Lund**

# Statens Fastighetsverk, Sweden

Environmental survey of old building before renovation and a synthesis of the result and assessment in a report.

# 2016-2018

# E22 Sätaröd-Vä, enquiry documents for turnkey contract

# Trafikverket, Sweden

Enquiry documents for turnkey contract for new 15 km highway. Project role was environmental assessment of contaminates in buildings (along the new road) that was going to be demolished. Assessment of asbestos, PCB, PAH and other hazardous materials. Help with HS audits during demolishina.





# Environmental Impact Assessment (EIA) for Local Area Plan Öresundsvägen in Lund Municipal Lunds Kommun, Sweden

Environmental Impact Assessment for Local Area Plan in Lund, Lund Commune. The development aims at restructuring an industrial area towards a more habitable and citylike environment. The EIA concentrates on issues connected with cultural environment, noise, traffic, accessibility, health, water, risk, air-quality and soil. Project role was an risk assessment for the EIA of the area.

# **Assistant**

Overall risk assessment for the Local plan. Describing industries and potential hazards etc. in the area.

#### 2016

# Indoor air quality measurements Verket 3 E.ON

#### E.ON Fastigheter Sverige AB, Sweden

#### **Project Manager**

Indoor air quality measurements at the property Verket 3 to E.ON. The building is located on a contaminated soil area were benzene and coal tar production has been located. The measurements were of BTEX and PAH in indoor air during 8 hours followed by a risk assessment of human health for the people working in the building.

# 2016

# Environmental audit for hazardous building materials

# Specialfastigheter Sverige AB, Sweden

#### **Project Manager**

Environmental building material assessment at a former prison in Malmö. The audit covered three different buildings and sampling was done for e.g. asbestos, PCB and PAH. The report covered all type of hazardous building material, electronics including approximate amounts of each material as the report should be used for a contractor when renovation the buildings.

A similar environmental audit and building material assessment with sampling was also done in the small municipal of Tingsryd on another building previously used as a home (prison) for young criminals. This building was going to be demolished.

#### 2016

# Environmental Due Diligence in a meat processing plant Danish Crown, Sweden

# Assistant but responsible for this particulatr EDD to Danish Crown

Environmental Site Assessment at a plant producing about 3000 tons of meat products in the south of Sweden. The audit covered a plant visit, document review from a data room and reporting. The audit resulted in a report of environmental status at the factory, a historical review, a summary of previous environmental reports and incident reporting and also some comments about health and safety. The report gave approximately costs for environmental non-compliance findings. As annex was also a photolog describing findings from the plant.

#### Risk assessment of products used at IKEA stores

# IKEA Indirect Material & Services AB, Sweden, Sweden

# **Project Manager**

Risk assessment of some materials used in IKEA stores worldwide. The assessment covered one polyurethane material used in the stores and also a printing ink that had cause allergy in some cases.





# Pre-study of possible classification of Al-compounds as respiratory sensitizers.

# Kemikalieinspektionen (Swedish Chemicals Agency), Sweden

# **Project Manager**

Pre-study of possible of classification of Al-compounds as respiratory sensitizers. Literature study of substances notified as respiratory sensitizers to the C&L Inventory, but also assessment of substances that possibly by mistake has been classified as irritating to the respiratory system. A literature search was also made in PubMed (Medline) for animal and epidemiological data that could support a classification. The Pre-study did not lead to a proposal of harmonized classification of Al-compounds as respiratory sensitizers and inclusion in Annex VI of the CLP regulation.

#### 2015-2017

#### Risk Assessment Chemicals Foodmark

#### Foodmark Sweden AB, Sweden

# **Project Manager**

Risk assessment of Chemicals at a food producing company. Advice about handling routines, chemical inventory etc.. The routines for risk assessment of chemicals developed by the project manager were adopted to other plants within Foodmark.

#### 2015-2018

# Svanen 3 - Project for renovating a building to locate a restaurant

# MKB Fastighets AB, Sweden

# Assistant - Assessment hazardous building materials

Inventory of hazardous chemicals (e.g. asbestos) in an old building in central Malmö that was going to be renovated.

# 2015

# Nobel Square, Environmental sampling of hazardous building materials

# Malmö stad, Sweden

#### Assistant

Environmental soil sampling and inventory of hazardous materials in a toilet building due to rebuilding the Nobel Square.

# 2015-2019

# Extended cooling capacity, Gubbängens IP

# Tysklinds i Stockholm AB, Sweden

# **Assistant**

Extended cooling capacity at an ice rink of Gubbängens IP to cater for an extended ice area of 2 400 m2. New cooling system with: -Liquid chiller with ammonia as refrigerant, Dry coolers, Pipe system for coolant and brine, Control system. Investigation of medium and low voltage switch gear. Assistant for risk assessment in case of ammonia leakage. Input to the overall assessment with facts and assessing different scenarios.

# 2015-2018

#### **Building Product Declarations Albany Door Systems**

# Albany Door Systems AB, Sweden

# **Project Manager**

Building Product declarations (BPD) of a complex type with many materials for doors (including electronics in the automatic opening systems) to Albany Door Systems.





# Lindängen Renovating bath rooms, Malmö

# HB Lindängen Fastigheter, Sweden

# Assistant sampling and reporting hazardous building materials

Renovation of apartments in Lindängen, Kv. Cantata 1,2,3,6 and Anthony 1. overall. 636 apartments. divided into 16 houses. Assessment of hazardous building materials in some of the flats.

#### 2014-2019

# SDB T Knutsson

#### T Knutsson AB, Sweden

#### **Project Manager**

Compiled SDS for about 40 products in the field of high temperature ceramic fibres, textile aid chemicals and other various products.

#### 2014-2017

# Verkmästaren 18, Risk - Traffic - Noise

# Ystad kommun, Sweden

# **Project Manager**

Assessment of risks, when building a school nearby an industry using thermo-setting plastics (sensitizers with a potential risk for the children at the school) in the town of Ystad and also an assessment of the traffic and noise situation at the location.

#### 2014-2018

#### **Risk Assessment of Petrol Station**

# Båstads kommun, Sweden

### **Assistant**

Risk Assessment of Petrol Station. Assessing environmental hazards for nearby surface water in case of leakage of petrol and other chemicals from the station.

#### 2014-2015

# Risk assessment distance to industry Kabbarp

# Lades AB, Sweden

# Project Manager

Risk assessment distance to industry in Kabbarp. A real estate owner wanted to build close to an industry using organic solvent based ink. Risk assessment for the need of a distance to an industry.

# 2014-2020

# Environmental management Malmö Metallteknik KB/Bjärred

# MALMÖ Metallteknik KB, Sweden

Management of environmental issues and annual report

# 2014-2018

# **IDDS SE Building Product Declarations**

# Industrial Door and Docking Solutions ASSA ABLOY Entrance Systems, Sweden

Building Product Declarations for Industrial Door and Docking Solutions, Advice and risk assessment about chemicals used in the material and electronics to the automatic doors.

# 2014-2015

# Risk assessment Statoil

## Circle K Sverige AB, Sweden

# **Assistant**

Development of template for risk assessment of gas stations. Support in the preparation of selfinspection. On site audit of environmental health risk at a station in Staffanstorp. The reporting was made in the new templet form for Statoil.





# **REACH regulatory advice**

# Bostik AB, Sweden

# **Project Manager**

Assistant to Bostik during appr. 25 days with compiling Safety Data sheets (CLP classification) for different products like glues and adhesives for the building sector. Preparing a course for purchase responsible and laboratory personnel at Bostik. Worked with routines for REACH compliance at the company. Ann has previously also helped Bostik with a REACH registration as a single registrant for one substance and also correspondence and contacts with the Chemical Agency ECHA.

#### 2014

# Risk assessment for pesticides contaminating BT Kemi area

# Municipal of Svalöv, Sweden

# Assistant, specailist in chemical risk assessment

Risk assessment of pesticides leakage to a creek near a large contaminated area in the municipal of Svalöv, where a former pesticide industry (BT Kemi) was located. The industry manufactured phenoxi acids. The phenoxi acids and unused raw material, waste from the production etc. was buried in about 200 barrels at the plant area in the 70th. The assignment was the literature search for about 30 pesticides or metabolites from the area and the present main pesticides from the surrounding agricultural area. The project also covered an extensive risk assessment report for the consequences from a diffuse leakage to Braån (a creek) in the area. The leakage from the BT Kemi area was assessed regarding also the diffuse leakage to the creek from other pesticides used in the agricultural area nearby.

#### 2013

# **ESA Phase 1 Helsingborg Chemical Industry**

# ERM GmbH, Sweden

#### **Project Manager**

Environmental Site Assessment Phase 1 according to ASTM E 1527 at a plant producing about 10 000 tones fine chemicals in Helsingborg. The audit was totally about 8 days, with a plant visit, document review from a data room and reporting. The audit resulted in a 100 pages report of environmental status at the factory with a summary of previous environmental reports and also some comments about health and safety. As annex was also a photo-log describing findings from the plant.

# 2013-2014

# **Environmental audit Sweden Lunnarp**

# ERM France, Sweden

# **Project Manager**

Environmental audit during two days at a dairy. Assessment of health, safety and environment. Participated as consultant for ERM as expert in Swedish environmental and occupational health Focus at the audit was on environmental historical events, asbestos and PCB in the building etc. legislation, but also present compliance with environmental legislation and occupational health.

# 2013-2016

# **REACH registration PPORD**

# LTU Green Fuels KB, Sweden

# **Project Manager**

REACH registration of Dimethyl ether as a PPORD (Process and research). Help with the registration dossier.





# Chemical Safety and SDS, Metso

#### Metso Sweden AB, Finland

# **Project Manager**

Assessment and advising about chemical safety and Material Safety Data Sheets (MSDS) at a company manufacturing and importing rubber articles for the mining industry.

# 2013-2015

# Pre-study railway for Simrishamnsbana phase Malmö -Tomelilla

#### Trafikverket, Sweden

#### Responsible for quality and environment in the project. P

Pre-study for a railway plan for Simrishamnsbana phase Malmö - Tomelilla. Performed internal audits and participated in audits from Trafikverket regarding quality, environment and occupational health.

#### 2013

# Risk assessment Harbour area Oskarshamn

# Municipal of Oskarshamn, Sweden

#### **Assistant**

Risk assessment for the Harbour area of Oskarshamn. Risk assessment of health aspects from cadmium releases to the residents, schools and the environment around a plant manufacturing and recovering batteries.

# 2013

# Risk Assessment Rengsjö Centrum

# Municipal of Bollnäs, Sweden

# **Assistant**

Risk analysis Rengsjö Centrum. Risk assessment of health hazards from styrene in case of an accident at a plant manufacturing plastic details. Calculations of the magnitude of possible styrene emissions of and estimating safe distance to planned residential buildings.

# 2012-2013

# **HSE report CaCl2 and MgCl2**

# **TETRA Chemicals Europe AB, Sweden**

# Project Manager

Report of health, safety and environmental impact and hazards of Calcium chloride and Magnesium chloride.

## 2012

# **MWH Project Crown Phase I EDD**

# MWH B.V, Sweden

# **Project Manager from Ramboll**

MWH Project Crown Phase I EDD at plant manufacturing medical devices. Participation as co-auditor for MWH Global as expert on Swedish environmental legislation. Audit of compliance to the environmental code in Sweden and all relevant environmental legislation. Also some findings about occupational health were reported from the audit. The reporting was made in the MWH global template for an EDD.

#### 2012

# KEMI- Study the effect of taxes.

# The Swedish Chemical Agency, Sweden

#### **Assistant**

KEMI- Study the effect of taxes. A study for the Chemical Agency of the effect of taxes on pesticides and chlorinated solvents. The role of Ann Martens was as chemical expert. The man assignment was run by Ramboll Management and project manager was Karl Käll.



# **HSE-Audit Tyco**

# MWH B.V, Sweden

# **Project Manager for Ramboll**

HSE-Audit Tyco. HSE Audit for 2.5 days at company manufacturing equipment for fire safety. The Ramboll role was to give input with knowledge of Swedish legislation and rules for the audit report. The reporting covered both environment and health and safety issues with describing of the findings in the customers own reporting system.

#### 2012-2015

#### Waste handling Kemicentrum

# Lunds Universitet, Sweden

#### **Project Manager**

Waste handling Kemicentrum, Lund. Preparing a plan for handling and storage of organic solvent waste at the Chemical building at the University of Lund. Scrutiny of the health safety regulations for the about 1000 students and researchers working in the building.

#### 2012

# **Environmental assessment Idun 4**

# NCC CONSTRUCTION SVERIGE AB, Sweden

# **Project Manager**

Environmental assessment Idun 4. Environmental inventory of a building from appr 1960, with about 24 flats. Inventory of hazardous chemicals like PCB, asbestos, mercury, lead etc.

### 2012

# Systembolaget investigation

# **AKELIUS FASTIGHETER AB, Sweden**

#### **Assistant**

Investigation building and HWAC. Assistant for indoor environmental investigation. Conducted assessment, analysing and reporting of VOC and microorganisms in the building.

# 2011-2014

# SDS Klimabolaget

# Klimabolaget AB, Sweden

# Project Manager

SDS in 6 different languages on 15 products. The products are cleaning products and other similar household products.

# 2011-2012

# **Project Coordination University of Lund**

# University of Lund, Sweden

# Assistant,

Audit of Occupational Health and Safety for renovating of a new university laboratory in Lund. Assessment of drawings and input for occupational health and safety in the projecting phase. The project also covered on site audit at the old laboratory buildings, with the purpose of suggesting improvements for the environmental and occupational safety.

# 2011

# Seminar internal audit Thomas Cook Airlines Scandinavia

# Thomas Cook Airlines Scandinavia A/S, Denmark

Gave input and help to an environmental and legislation survey at Thomas Cook Airlines Scandinavia. Preparing a legal inventory for their Swedish business.



# Technology review of chemical process

# Hanna Lejon Tetra Pak, Sweden

# **Project Manager**

Environmental and technology review/audit of process with hazardous chemicals in China. Responsible for reporting about environment and occupational health issues from the process. The assessing and reporting of the technology review was made by Ramboll Denmark.

# 2011

# EDD Industry manufacturing machinery for the transport sector

#### Confidential, Sweden

#### **Assistant**

EDD phase I. Assessment of the plant for legal compliance, quality of the environmental management system. Audit regarding health, safety, fire and security.

# Waste-to-energy facility in Hørsholm, Denmark

# Norfors, Denmark

#### **Assistant**

Ramboll is the consultant of Nordforbrænding for the planning and implementation of a new waste-toenergy line in Hørsholm, Denmark, replacing 3 existing lines. The new line will be commissioned in 2015. Ann Martens part of the project was assessing and classification of ashes from the process regarding health and environment according to the CLP regulation. Ann also assessed possible substances that are formed in the ash and made the classification of these substances.

# 2010-2011

# Occupational health at Landfill. Kramfors

#### Municipality of Kramfors, Sweden

# **Assistant**

Risk assessment of hazardous gases from the landfill. On site audit visit for assessing the environmental and health risk at the landfill. Compiling a PM about health effect from sulphur dioxide, sulphur hydrogen, ammonia etc. Scrutiny of other documentation like the plan for occupational health and safety and the risk assessment for the landfill.

# 2009-2010

#### Malmö Airport

# Swedavia, Sweden

Assessment of the procedures for handling, storing and register of chemicals of Malmö Airport. Assessing the influence of chemicals on land and water around the airport. The Ramboll assignment was for the environmental permit for the airport. Ramboll were responsible for land and water issues for the Environmental Impact Assessment in the permit process.

# 2009-2010

#### **REACH Registration of Inorganic Chemical**

# Tetra Chemicals Europe AB, Sweden

# **Project Manager**

Registration according to REACH of Inorganic chemical. Compiling registration dossier and the data for this registration of a High Volume Substance.

Expertise support to Tetra Chemicals in their work in the consortia.





# Herrgården, Malmö.

# Fastighetsbolaget Gröningen., Sweden

# **Assistant**

Assessment and testing of presence of hazardous micro organisms (mould) and asbestos in selected flats in Herrgården, Malmö.

#### 2009

#### Port of Landskrona

#### City of Landskrona, Sweden

#### Assistant and responsible Environment

Assessment of contaminated sediment and wooden details in the port of Landskrona. Responsible environmental issues in the project of construction a new quay in the port. Project Manager: Anders Ternblad.

#### 2009

#### Health and environmental hazard

# Trelleborg City, Bengt Lander, Martin Nilsson, Sweden

Health and environmental hazard assessment of cyanides on a former gas manufacturing site. Participated as an assistant during the project.

Project Manager Anna Fjelkestam.

# 2009

# **Product Evaluation of Building Materials**

# Jacquelin Nilsson, MKB Fastighets AB, Sweden

# **Project Manager**

Product evaluation of different flooring from a life cycle perspective, regarding health, safety and environmental aspects during production, in event of fire and during service life in the apartments.

# 2008

# New harbour in Malmö

# Copenhagen Malmo Port (CMP), Sweden

# **Technical Responsible Environment**

Participated in writing environmental parts in a tender document for a contract regarding relocation of a large part of the harbour in Malmö.

Project Manager: Sten Munthe, Ramboll Gothenburg.

# 2007-2009

# **Chemical Safety Cleanosol**

# Cleanosol, Sweden

# **Project Manager**

Made MSDS of all products (50) mainly diffrent types of paint for road marking. Advice and discussions about how REACH affects the company. Help with identity of substances and naming correctly for preregistration in REACH. Pre-registration and initial contact in the SIEFS. Held a tailor made course in chemical risk assessment.





# **Environmental Impact Assessment Ystad Harbour**

# Ystad hamn logistik AB, Hans-Olov Ivarsson, Sweden

# **Assistant**

Participated in a project for Environmental impact assessment of Ystad port and the legal permit of the

Made a plan for the handling of waste in the harbour. Audit and help with register of all chemicals used in the harbour.

Project Manager: Elisabeth Hammarlund

#### 2006-2015

#### **MSDS Tilia**

# TILIA INTERNATIONAL AB, Sweden

#### **Project Manager**

Preparing of safety data sheets (SDS) for Tilia, including consultation within the field of chemical safety. MSDS is for tread oils, cutting agents and other agents for metal working.

# 2006-2012

# **MSDS Allbäck**

# Contact: Sonja Allbäck. Allbäck Linoljeprodukter AB, Sweden

Made MSDS for Allbäck Linseed based Products (different types of paint, putty, oils etc.)

Made Building Product Declaration on linseed oil paint with a short life cycle assessment of the product.

#### 2006-2011

# Risk assessments of chemicals at Delta Plast

# Delta Plast AB, Sweden

#### **Project Manager**

Chemical risk assessments and advice about safe handling of chemicals at a plastic master-batch producer. Advice about a computer based automatic system for compiling MSDS. Advice about REACH related issues. Risk assessment of dust explosion hazards in the production.

#### 2006-2009

# **MSDS Tilia**

# Tilia International AB, Håkan Stridsberg, Sweden

#### **Project Manager**

Made MSDS for Tilia-International on various products like Cutting oil or Thread oil.

# 2006-2009

# Chemical risk assessment of chemicals

# MCG Malmö Citytunnel Group HB, Sweden

# One of several consultants from Ramboll

Environmental risk assessment of chemicals to be used during the constructing of the Malmö Citytunnel (appr 200 substances or chemical products). Evaluating toxicological and eco-toxicological data to be used for calculation Maximum Permissible Concentrations for chemicals in the ground and surface water. Work for MCG the main contractors of the tunnel.

# 2006-2008

# **Chemical safety Metal Powder Production and MSDS**

# Höganäs AB, Inger Persson, Sweden

## Project Manager

Occupational health assessment of chemicals in the production for a major industry in metal powder production. Helping the company with routines for risk assessment of chemicals.

Data evaluation and literature study for MSDS according to REACH for metal powders of Höganäs.



#### **TEACHING EXPERIENCE**

2008-2012

Held several internal courses in Environmentally Friendly Design Environmental Project Plans and the Ramboll environmental management system., Malmö

2008

1 day tailor made course for a company making road marking colour about risk assessment of chemicals and also how REACH affects this company. Contact: Björn Johansson Cleanosol, Kristianstad

2008

Lecture about naming and identifying a substance according to the REACH regulation. Contact: Emma Andersson, Kemisk-Tekniska Leverantörsförbundet (KTF is an Association of manufactures and importers of paint, detergents, glue and cosmetic products etc.), Stockholm

2007-2009

Lectures about Exposure Assessment and Scenarios (ES) in REACH and general lectures about REACH and CLP at 5 different conferences. Contact: Mona Thunstrom, Insight Events Sweden, Stockholm and Rikke Ryge Casper Copenhagen., Stockholm and Copenhagen

General seminar about REACH for plastic products producers., Astorp

2006

Held a course in safe handling of chemicals and chemical legislation for Avanti System AB. Contact: Olle Hellman, Stockholm

# **MEMBERSHIPS**

Member of the Consultant Association "Chemical Environmental and Health Hazards". See www.kemi.nu (in Swedish) for the qualification demands of the associations.



# RAMBOLL

# Certificate of Compliance Eco Land™ and Sea™ Absorbents

# **Purpose**

The purpose of this certificate is to give guarantees for compliance with the chemical legislation in EU for the product **Eco Land™ and Sea™ Absorbents**.

# Compliance

Eco Land™ and Sea™ Absorbents and its ingredients complies with the demand in the REACH Regulation (EC) 1907/2006 about e.g. registration of chemicals and information in the supply chain. All ingredients are registered according to REACH. The Safety Data Sheet (SDS) of the product complies with the demand in Annex II of the REACH regulation about the content of a SDS. The product also fulfils the demand for classification and labeling of chemicals in EU CLP Regulation (EC) no 1272/2008.

Date 08-09-2022

Ramboll Sweden AB Lokgatan 8 SE-211 20 Malmö Sweden Environment & Health

T: +46-10-615 60 00

Ramboll Sweden AB

Ann Martone

# Assessor's credentials and approval

Ann Martens has more than 25 years' experience of assessing environmental and health effects of chemicals. She has a master's degree of Chemical engineering and have also taken several courses in toxicology and occupational health and safety.

CV of Ann Martens is enclosed to this certificate.

More information about Ramboll and our services can be found on www.ramboll.com.

Ramboll Sweden AB Org no 556133-0506

2022-09-09 - 2 / 2

VISAED MALMÖ
CHAMBER OF COMMERCE AND
INDUSTRY OF SOUTHERN SWEDEN

Monica Svensson



# **ANN MARTENS**

# **Environmental management**

Ann has over 30 years' experience of industrial activities. Ann works with hazards for environment and occupational health and safety of chemicals. Ann has expertise in environmental and chemical legislation like the REACH and CLP-regulations. Ann has from 2008-2014 been responsible on a local level for Ramboll's Environmental system in the South Division in Sweden. From 2016 Ann is HSSEO coordinator for the market sector Environment & Health in Sweden. Ann has assignments in the area of environment, chemicals, occupational health and safety in the industry and building sector. Risk assessments of chemicals from cradle to grave. Makes MSDS's and other information for safe handling of chemicals. Conduct toxicological and ecological assessment of chemicals. Makes assessment of pollutions from an industry or buildings and compliance audits and EDD's. Helps registrant and downstream users fulfil their obligations under



ann.martens@ramboll.se +46 10 615 54 47

Ramboll Lokgatan 8 211 20 Malmö Sweden



REACH.

2006->>>

Environmental management, Ramboll Sweden AB

1989-2005

Chemical and environmental Engineer, Trelleborg Ind. AB Responsible for HSE assessment of rubber chemicals for the production (total amount used in the production was appr. 1500 different chemicals). Ann also worked with material related environmental projects and analysis of rubber chemicals.

1987-1989

Synthesis of biocides, Lund University, Department of Organic Chemistry 1

1986-1987

Synthesis of peptide hormones, Ferring AB

# **EDUCATION**

1985

M. Sc. Chem. Eng

Chalmers University of Technology











# **COURSES/CERTIFICATIONS**

ESA Instructed person, 2021

Training about electrical safety and hazards on a workplace. Course length about 3 hours.

ESA14. Course of Health and Safety according to the standard EN 50110-1, when working with electrical equipment., 2016

Course: Health and Safety Site Solutions Training; 1 day. The course covered: General Chemistry; Toxicology; Site Characterization, Hazard Assessment. Personal Protective Equipment. Company/Regulatory Requirements., 2016

Course for inventory of Asbestos in buildings. The course also aimed to be able to supervise the removal of asbestos in buildings., 2015

PhD course 1 week: Health Risk Assessment-Principles and Applications, IMM, Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden., 2014

1 day course for Bas-P, Coordinator for Occupational Health and Safety during the Projecting Phase of Building and Constructing work., 2011

Environmental Risk Analysis, 15 credit points, Växjö-Kalmar University, 2010

Course for Internal Auditor of Quality and Environmental Systems, 2007

Environmentally Friendly Design. Ramboll Course, 2007

Project management courses step 1 and 2, Internal Ramboll Courses, 2007

Participated in course in Environmental Impact Assessment; Lund University, 2006

Course Occupational Health and Safety, 15 credit point, Lund University, 2005

Course in Environmental Toxicology, 7.5 credit points, Occupational and Environmental Medicine, University Hospital Lund, 2004

# LANGUAGE SKILLS

Swedish (mother tongue), English, German, Italian

# **PROJECTS**

2022

**Project Alan Scott** Trill Impact AB, Sweden Project Alan Scott - DDHSE Sweden

2022-2023

**Chemical Safety and SDS Metso Outotec** Metso Outotec Sweden AB, Sweden

Chemical safety and SDS Metso Outotec. Help assess suppliers' SDSs and their labels.





# Legal monitoring Plus, Work environment, Environment and Food, Tetra Chemicals **TETRA Chemicals Europe AB, Sweden**

Legal monitoring Plus, Work environment, environment and food, Tetra Chemicals

# 2020-2022

# JCI: FY2020 CAP Audit – Lammhult, Sweden

# Johnson Controls, Inc., United States

Ramboll conducted an EHS audit of the JCI facility in Lammhult, Sweden.

#### 2022

# **Audit Legal Compliance**

# Trelleborg Sealing Profiles Sweden AB, Sweden

Audit Legal Compliance at a plant manufacturing rubber seals

# 2022

# **Project Viking**

# Perstorp Holding AB, Sweden

EDD assessment across a chemical factory portfolio

# 2021-2022

# **EHS Compliance Audits at 5 sites of Kemira**

# Kemira Oyj, Finland

EHS Compliance Audits at 5 sites of Kemira.

# 2021-2022

#### Malmö University Environmental Consulting Services.

# Malmö Universitet, Sweden

Malmö University Environmental Consulting Services. Help with management systems and routines for the environment and health and safety. Chemical issues. The assignment ran two days a week for about 4 months. The work includes i.a. also to develop routines for laboratories regarding chemical handling and biosafety aspects, work with systematic assessment of construction products. The assignment also included producing material for internal training in chemical and biosafety as well as supporting the procurement of chemicals.

# 2021-2022

# **Update of Risk Assessment** LANDSKRONA STAD, Sweden

Update of Risk Assessment

# 2021-2022

# PPG EU-VARI-EDD & H&S Compliance

# PPG Industries Europe Sàrl, Switzerland

Post acquisition integration EHS audit program and site assessments at the Tekkurila group including seven paint production sites

# 2021

# Vattenfall - Projektinspektioner 2021 Vattenfall Eldistribution AB, Sweden

Vattenfall - Project HSE audits 2021





# Environmental management system ISO 14001 for Maximilian

# Maximilian Transporter AB, Sweden

Helping with compiling an Environmental management system ISO 14001 for Maximilian, a company providing taxi services for the public health care providers in south of Sweden.

#### Project manager

Writing routines, guiding the top management in the necessary steps for a well-functioning system.

#### 2021

#### **HSE Compliance Assurance Programme 2021**

#### Ball Beverage Packaging Europe Ltd, United Kingdom

Ramboll was retained to provide assurance in respect of health, safety and environmental (HSE) regulatory compliance for the following seven Ball EMEA beverage can production facilities: La Selva, Spain, Egypt, Fosie Sweden, Manisa Turkey, Manstala Finland, Italy & Wakefield UK.

# 2020-2022

#### Flint PCK HSE Audits

### Flint Group GmbH, Germany

Health, Safety and Environmental (hereafter "HSE") and Product Safety Compliance Audits at 10 Flint locations

# 2020-2021

# Flint PCK Legal Registers

# Flint Group Packaging Inks Germany GmbH, Germany

Flint PCK HSE and PS Audits - PS Audits..

# 2020-2021

#### Copm Edu Training ISO 45001 Nordic Plastics Group AB

# Nordic Plastics Group AB, Sweden

Training ISO 45001 Nordic Plastics Group AB durin gone day incl. workshop.

# 2019-2022

# Lagbevakning content work

# Diverse kunder REHSE, Sweden

Tid som läggs på utveckling av Lagbevakning

# 2017-2018

# Updating Environmental system -ISO 14001-2015

# Ramneskogs Recycling AB, Sweden

Identifying parts in the existing Environmental System that need to be upgraded for a Waste company and perform changes according to ISO 14001:2015.

Updating or reviewing about 40 routines also because of a new localisation of the whole company.

# 2017

#### Comparative study on HS regulations in FI, SE, DK, NO, RU

# Oy Karl Fazer Ab, Finland

Project role was responsibility for a legal registry with Swedish legislation.

# 2017-2021

# Environmental sampling in buildings Botanic museum, Embrologen, Aghardianumin Lund Statens Fastighetsverk, Sweden

# Assistant

Environmental sampling in connection with rebuilding. Reporting hazardous materials for renovating the buildings



# Olsbo 1 Environmental soil sampling

# Malmö stad, Sweden

Sampling due to new housing.

Assessing indoor environment and VOC in indoor air from pollutants under the houses.

#### 2017

# Air investigations Kv. Triton

#### Lantmännen Kvarnen 7 AB, Sweden

#### Assistant (the project manager covered noise hazards from the plant and traffic in the area).

Assessments and descriptions of the effect of Lantmännen's activities (a large mill) relating to air emissions, involving residential construction in kv Triton. Health risk assessment of flour emissions from a large mill. Assessment if residential buildings are possible near the mill.

#### 2016

# Environmental audit asbestos removal Akelius Kronprinsen.

# Akelius Kronprinsen 1 AB, , 556977-4986, Sweden

#### **Project Manager**

Environmental audit asbestos removal Akelius Kronprinsen. Control of the documentation regarding legal compliance and the health & Safety precautions when working with the asbestos.

# 2016-2020

# Risk Assessment - Skeppsbrokajen

#### LANDSKRONA STAD, Sweden

Risk assessment in Landskrona Harbour for a new planed area (residential and office buildings). Risks of pollutions and noise exposure generated from surrounding industry, dangerous goods transport and harbour traffic.

The risk assessments covered e.g. lead emission, sulphur dioxide, cyanides, and nitrogen oxides from Seveso plants in the area. The planned area was close to three large Seveso plants. The role in the assignment were an overall risk assessments for human health for all above hazards and emission in case of accidents or fire at the Seveso plants

# **Asssitant**

Responsible for assessing risk for human health.

# 2016-2020

#### **Environmental survey Kungshuset Lund**

# Statens Fastighetsverk, Sweden

Environmental survey of old building before renovation and a synthesis of the result and assessment in a report.

# 2016-2018

# E22 Sätaröd-Vä, enquiry documents for turnkey contract

# Trafikverket, Sweden

Enquiry documents for turnkey contract for new 15 km highway. Project role was environmental assessment of contaminates in buildings (along the new road) that was going to be demolished. Assessment of asbestos, PCB, PAH and other hazardous materials. Help with HS audits during demolishina.





# Environmental Impact Assessment (EIA) for Local Area Plan Öresundsvägen in Lund Municipal Lunds Kommun, Sweden

Environmental Impact Assessment for Local Area Plan in Lund, Lund Commune. The development aims at restructuring an industrial area towards a more habitable and citylike environment. The EIA concentrates on issues connected with cultural environment, noise, traffic, accessibility, health, water, risk, air-quality and soil. Project role was an risk assessment for the EIA of the area.

# **Assistant**

Overall risk assessment for the Local plan. Describing industries and potential hazards etc. in the area.

#### 2016

# Indoor air quality measurements Verket 3 E.ON

#### E.ON Fastigheter Sverige AB, Sweden

#### **Project Manager**

Indoor air quality measurements at the property Verket 3 to E.ON. The building is located on a contaminated soil area were benzene and coal tar production has been located. The measurements were of BTEX and PAH in indoor air during 8 hours followed by a risk assessment of human health for the people working in the building.

# 2016

# Environmental audit for hazardous building materials

# Specialfastigheter Sverige AB, Sweden

#### **Project Manager**

Environmental building material assessment at a former prison in Malmö. The audit covered three different buildings and sampling was done for e.g. asbestos, PCB and PAH. The report covered all type of hazardous building material, electronics including approximate amounts of each material as the report should be used for a contractor when renovation the buildings.

A similar environmental audit and building material assessment with sampling was also done in the small municipal of Tingsryd on another building previously used as a home (prison) for young criminals. This building was going to be demolished.

#### 2016

# Environmental Due Diligence in a meat processing plant Danish Crown, Sweden

# Assistant but responsible for this particulatr EDD to Danish Crown

Environmental Site Assessment at a plant producing about 3000 tons of meat products in the south of Sweden. The audit covered a plant visit, document review from a data room and reporting. The audit resulted in a report of environmental status at the factory, a historical review, a summary of previous environmental reports and incident reporting and also some comments about health and safety. The report gave approximately costs for environmental non-compliance findings. As annex was also a photolog describing findings from the plant.

#### Risk assessment of products used at IKEA stores

# IKEA Indirect Material & Services AB, Sweden, Sweden

# **Project Manager**

Risk assessment of some materials used in IKEA stores worldwide. The assessment covered one polyurethane material used in the stores and also a printing ink that had cause allergy in some cases.





# Pre-study of possible classification of Al-compounds as respiratory sensitizers.

# Kemikalieinspektionen (Swedish Chemicals Agency), Sweden

### **Project Manager**

Pre-study of possible of classification of Al-compounds as respiratory sensitizers. Literature study of substances notified as respiratory sensitizers to the C&L Inventory, but also assessment of substances that possibly by mistake has been classified as irritating to the respiratory system. A literature search was also made in PubMed (Medline) for animal and epidemiological data that could support a classification. The Pre-study did not lead to a proposal of harmonized classification of Al-compounds as respiratory sensitizers and inclusion in Annex VI of the CLP regulation.

#### 2015-2017

#### Risk Assessment Chemicals Foodmark

#### Foodmark Sweden AB, Sweden

#### **Project Manager**

Risk assessment of Chemicals at a food producing company. Advice about handling routines, chemical inventory etc.. The routines for risk assessment of chemicals developed by the project manager were adopted to other plants within Foodmark.

#### 2015-2018

# Svanen 3 - Project for renovating a building to locate a restaurant

# MKB Fastighets AB, Sweden

# Assistant - Assessment hazardous building materials

Inventory of hazardous chemicals (e.g. asbestos) in an old building in central Malmö that was going to be renovated.

# 2015

# Nobel Square, Environmental sampling of hazardous building materials

# Malmö stad, Sweden

#### Assistant

Environmental soil sampling and inventory of hazardous materials in a toilet building due to rebuilding the Nobel Square.

# 2015-2019

# Extended cooling capacity, Gubbängens IP

# Tysklinds i Stockholm AB, Sweden

# **Assistant**

Extended cooling capacity at an ice rink of Gubbängens IP to cater for an extended ice area of 2 400 m2. New cooling system with: -Liquid chiller with ammonia as refrigerant, Dry coolers, Pipe system for coolant and brine, Control system. Investigation of medium and low voltage switch gear. Assistant for risk assessment in case of ammonia leakage. Input to the overall assessment with facts and assessing different scenarios.

# 2015-2018

#### **Building Product Declarations Albany Door Systems**

# Albany Door Systems AB, Sweden

# **Project Manager**

Building Product declarations (BPD) of a complex type with many materials for doors (including electronics in the automatic opening systems) to Albany Door Systems.





# Lindängen Renovating bath rooms, Malmö

# HB Lindängen Fastigheter, Sweden

# Assistant sampling and reporting hazardous building materials

Renovation of apartments in Lindängen, Kv. Cantata 1,2,3,6 and Anthony 1. overall. 636 apartments. divided into 16 houses. Assessment of hazardous building materials in some of the flats.

#### 2014-2019

# SDB T Knutsson

#### T Knutsson AB, Sweden

#### **Project Manager**

Compiled SDS for about 40 products in the field of high temperature ceramic fibres, textile aid chemicals and other various products.

#### 2014-2017

# Verkmästaren 18, Risk - Traffic - Noise

# Ystad kommun, Sweden

# **Project Manager**

Assessment of risks, when building a school nearby an industry using thermo-setting plastics (sensitizers with a potential risk for the children at the school) in the town of Ystad and also an assessment of the traffic and noise situation at the location.

#### 2014-2018

#### **Risk Assessment of Petrol Station**

# Båstads kommun, Sweden

### **Assistant**

Risk Assessment of Petrol Station. Assessing environmental hazards for nearby surface water in case of leakage of petrol and other chemicals from the station.

#### 2014-2015

# Risk assessment distance to industry Kabbarp

# Lades AB, Sweden

# Project Manager

Risk assessment distance to industry in Kabbarp. A real estate owner wanted to build close to an industry using organic solvent based ink. Risk assessment for the need of a distance to an industry.

# 2014-2020

# Environmental management Malmö Metallteknik KB/Bjärred

# MALMÖ Metallteknik KB, Sweden

Management of environmental issues and annual report

# 2014-2018

# **IDDS SE Building Product Declarations**

# Industrial Door and Docking Solutions ASSA ABLOY Entrance Systems, Sweden

Building Product Declarations for Industrial Door and Docking Solutions, Advice and risk assessment about chemicals used in the material and electronics to the automatic doors.

# 2014-2015

# Risk assessment Statoil

## Circle K Sverige AB, Sweden

# **Assistant**

Development of template for risk assessment of gas stations. Support in the preparation of selfinspection. On site audit of environmental health risk at a station in Staffanstorp. The reporting was made in the new templet form for Statoil.





# **REACH regulatory advice**

# Bostik AB, Sweden

# **Project Manager**

Assistant to Bostik during appr. 25 days with compiling Safety Data sheets (CLP classification) for different products like glues and adhesives for the building sector. Preparing a course for purchase responsible and laboratory personnel at Bostik. Worked with routines for REACH compliance at the company. Ann has previously also helped Bostik with a REACH registration as a single registrant for one substance and also correspondence and contacts with the Chemical Agency ECHA.

#### 2014

#### Risk assessment for pesticides contaminating BT Kemi area

# Municipal of Svalöv, Sweden

# Assistant, specailist in chemical risk assessment

Risk assessment of pesticides leakage to a creek near a large contaminated area in the municipal of Svalöv, where a former pesticide industry (BT Kemi) was located. The industry manufactured phenoxi acids. The phenoxi acids and unused raw material, waste from the production etc. was buried in about 200 barrels at the plant area in the 70th. The assignment was the literature search for about 30 pesticides or metabolites from the area and the present main pesticides from the surrounding agricultural area. The project also covered an extensive risk assessment report for the consequences from a diffuse leakage to Braån (a creek) in the area. The leakage from the BT Kemi area was assessed regarding also the diffuse leakage to the creek from other pesticides used in the agricultural area nearby.

#### 2013

# **ESA Phase 1 Helsingborg Chemical Industry**

# ERM GmbH, Sweden

#### **Project Manager**

Environmental Site Assessment Phase 1 according to ASTM E 1527 at a plant producing about 10 000 tones fine chemicals in Helsingborg. The audit was totally about 8 days, with a plant visit, document review from a data room and reporting. The audit resulted in a 100 pages report of environmental status at the factory with a summary of previous environmental reports and also some comments about health and safety. As annex was also a photo-log describing findings from the plant.

# 2013-2014

# **Environmental audit Sweden Lunnarp**

# ERM France, Sweden

# **Project Manager**

Environmental audit during two days at a dairy. Assessment of health, safety and environment. Participated as consultant for ERM as expert in Swedish environmental and occupational health Focus at the audit was on environmental historical events, asbestos and PCB in the building etc. legislation, but also present compliance with environmental legislation and occupational health.

# 2013-2016

# **REACH registration PPORD**

# LTU Green Fuels KB, Sweden

# **Project Manager**

REACH registration of Dimethyl ether as a PPORD (Process and research). Help with the registration dossier.





# Chemical Safety and SDS, Metso

#### Metso Sweden AB, Finland

# **Project Manager**

Assessment and advising about chemical safety and Material Safety Data Sheets (MSDS) at a company manufacturing and importing rubber articles for the mining industry.

# 2013-2015

# Pre-study railway for Simrishamnsbana phase Malmö -Tomelilla

#### Trafikverket, Sweden

#### Responsible for quality and environment in the project. P

Pre-study for a railway plan for Simrishamnsbana phase Malmö - Tomelilla. Performed internal audits and participated in audits from Trafikverket regarding quality, environment and occupational health.

#### 2013

# Risk assessment Harbour area Oskarshamn

# Municipal of Oskarshamn, Sweden

#### **Assistant**

Risk assessment for the Harbour area of Oskarshamn. Risk assessment of health aspects from cadmium releases to the residents, schools and the environment around a plant manufacturing and recovering batteries.

# 2013

# Risk Assessment Rengsjö Centrum

# Municipal of Bollnäs, Sweden

# **Assistant**

Risk analysis Rengsjö Centrum. Risk assessment of health hazards from styrene in case of an accident at a plant manufacturing plastic details. Calculations of the magnitude of possible styrene emissions of and estimating safe distance to planned residential buildings.

# 2012-2013

# **HSE report CaCl2 and MgCl2**

# **TETRA Chemicals Europe AB, Sweden**

# Project Manager

Report of health, safety and environmental impact and hazards of Calcium chloride and Magnesium chloride.

## 2012

# **MWH Project Crown Phase I EDD**

# MWH B.V, Sweden

# **Project Manager from Ramboll**

MWH Project Crown Phase I EDD at plant manufacturing medical devices. Participation as co-auditor for MWH Global as expert on Swedish environmental legislation. Audit of compliance to the environmental code in Sweden and all relevant environmental legislation. Also some findings about occupational health were reported from the audit. The reporting was made in the MWH global template for an EDD.

#### 2012

# KEMI- Study the effect of taxes.

# The Swedish Chemical Agency, Sweden

#### **Assistant**

KEMI- Study the effect of taxes. A study for the Chemical Agency of the effect of taxes on pesticides and chlorinated solvents. The role of Ann Martens was as chemical expert. The man assignment was run by Ramboll Management and project manager was Karl Käll.



# **HSE-Audit Tyco**

# MWH B.V, Sweden

# **Project Manager for Ramboll**

HSE-Audit Tyco. HSE Audit for 2.5 days at company manufacturing equipment for fire safety. The Ramboll role was to give input with knowledge of Swedish legislation and rules for the audit report. The reporting covered both environment and health and safety issues with describing of the findings in the customers own reporting system.

#### 2012-2015

#### Waste handling Kemicentrum

# Lunds Universitet, Sweden

#### **Project Manager**

Waste handling Kemicentrum, Lund. Preparing a plan for handling and storage of organic solvent waste at the Chemical building at the University of Lund. Scrutiny of the health safety regulations for the about 1000 students and researchers working in the building.

#### 2012

# **Environmental assessment Idun 4**

# NCC CONSTRUCTION SVERIGE AB, Sweden

# **Project Manager**

Environmental assessment Idun 4. Environmental inventory of a building from appr 1960, with about 24 flats. Inventory of hazardous chemicals like PCB, asbestos, mercury, lead etc.

### 2012

# Systembolaget investigation

# **AKELIUS FASTIGHETER AB, Sweden**

#### **Assistant**

Investigation building and HWAC. Assistant for indoor environmental investigation. Conducted assessment, analysing and reporting of VOC and microorganisms in the building.

# 2011-2014

# SDS Klimabolaget

# Klimabolaget AB, Sweden

# Project Manager

SDS in 6 different languages on 15 products. The products are cleaning products and other similar household products.

# 2011-2012

# **Project Coordination University of Lund**

# University of Lund, Sweden

# Assistant,

Audit of Occupational Health and Safety for renovating of a new university laboratory in Lund. Assessment of drawings and input for occupational health and safety in the projecting phase. The project also covered on site audit at the old laboratory buildings, with the purpose of suggesting improvements for the environmental and occupational safety.

# 2011

# Seminar internal audit Thomas Cook Airlines Scandinavia

# Thomas Cook Airlines Scandinavia A/S, Denmark

Gave input and help to an environmental and legislation survey at Thomas Cook Airlines Scandinavia. Preparing a legal inventory for their Swedish business.



# Technology review of chemical process

# Hanna Lejon Tetra Pak, Sweden

# **Project Manager**

Environmental and technology review/audit of process with hazardous chemicals in China. Responsible for reporting about environment and occupational health issues from the process. The assessing and reporting of the technology review was made by Ramboll Denmark.

# 2011

# EDD Industry manufacturing machinery for the transport sector

#### Confidential, Sweden

#### **Assistant**

EDD phase I. Assessment of the plant for legal compliance, quality of the environmental management system. Audit regarding health, safety, fire and security.

# Waste-to-energy facility in Hørsholm, Denmark

# Norfors, Denmark

#### **Assistant**

Ramboll is the consultant of Nordforbrænding for the planning and implementation of a new waste-toenergy line in Hørsholm, Denmark, replacing 3 existing lines. The new line will be commissioned in 2015. Ann Martens part of the project was assessing and classification of ashes from the process regarding health and environment according to the CLP regulation. Ann also assessed possible substances that are formed in the ash and made the classification of these substances.

# 2010-2011

# Occupational health at Landfill. Kramfors

#### Municipality of Kramfors, Sweden

# **Assistant**

Risk assessment of hazardous gases from the landfill. On site audit visit for assessing the environmental and health risk at the landfill. Compiling a PM about health effect from sulphur dioxide, sulphur hydrogen, ammonia etc. Scrutiny of other documentation like the plan for occupational health and safety and the risk assessment for the landfill.

# 2009-2010

#### Malmö Airport

# Swedavia, Sweden

Assessment of the procedures for handling, storing and register of chemicals of Malmö Airport. Assessing the influence of chemicals on land and water around the airport. The Ramboll assignment was for the environmental permit for the airport. Ramboll were responsible for land and water issues for the Environmental Impact Assessment in the permit process.

# 2009-2010

#### **REACH Registration of Inorganic Chemical**

# Tetra Chemicals Europe AB, Sweden

# **Project Manager**

Registration according to REACH of Inorganic chemical. Compiling registration dossier and the data for this registration of a High Volume Substance.

Expertise support to Tetra Chemicals in their work in the consortia.





# Herrgården, Malmö.

# Fastighetsbolaget Gröningen., Sweden

# **Assistant**

Assessment and testing of presence of hazardous micro organisms (mould) and asbestos in selected flats in Herrgården, Malmö.

#### 2009

#### Port of Landskrona

#### City of Landskrona, Sweden

#### Assistant and responsible Environment

Assessment of contaminated sediment and wooden details in the port of Landskrona. Responsible environmental issues in the project of construction a new quay in the port. Project Manager: Anders Ternblad.

#### 2009

#### Health and environmental hazard

# Trelleborg City, Bengt Lander, Martin Nilsson, Sweden

Health and environmental hazard assessment of cyanides on a former gas manufacturing site. Participated as an assistant during the project.

Project Manager Anna Fjelkestam.

# 2009

# **Product Evaluation of Building Materials**

# Jacquelin Nilsson, MKB Fastighets AB, Sweden

# **Project Manager**

Product evaluation of different flooring from a life cycle perspective, regarding health, safety and environmental aspects during production, in event of fire and during service life in the apartments.

# 2008

# New harbour in Malmö

# Copenhagen Malmo Port (CMP), Sweden

# **Technical Responsible Environment**

Participated in writing environmental parts in a tender document for a contract regarding relocation of a large part of the harbour in Malmö.

Project Manager: Sten Munthe, Ramboll Gothenburg.

# 2007-2009

# **Chemical Safety Cleanosol**

# Cleanosol, Sweden

# **Project Manager**

Made MSDS of all products (50) mainly diffrent types of paint for road marking. Advice and discussions about how REACH affects the company. Help with identity of substances and naming correctly for preregistration in REACH. Pre-registration and initial contact in the SIEFS. Held a tailor made course in chemical risk assessment.





# **Environmental Impact Assessment Ystad Harbour**

# Ystad hamn logistik AB, Hans-Olov Ivarsson, Sweden

# **Assistant**

Participated in a project for Environmental impact assessment of Ystad port and the legal permit of the

Made a plan for the handling of waste in the harbour. Audit and help with register of all chemicals used in the harbour.

Project Manager: Elisabeth Hammarlund

#### 2006-2015

#### **MSDS Tilia**

# TILIA INTERNATIONAL AB, Sweden

#### **Project Manager**

Preparing of safety data sheets (SDS) for Tilia, including consultation within the field of chemical safety. MSDS is for tread oils, cutting agents and other agents for metal working.

# 2006-2012

# **MSDS Allbäck**

# Contact: Sonja Allbäck. Allbäck Linoljeprodukter AB, Sweden

Made MSDS for Allbäck Linseed based Products (different types of paint, putty, oils etc.)

Made Building Product Declaration on linseed oil paint with a short life cycle assessment of the product.

#### 2006-2011

# Risk assessments of chemicals at Delta Plast

# Delta Plast AB, Sweden

#### **Project Manager**

Chemical risk assessments and advice about safe handling of chemicals at a plastic master-batch producer. Advice about a computer based automatic system for compiling MSDS. Advice about REACH related issues. Risk assessment of dust explosion hazards in the production.

#### 2006-2009

# **MSDS Tilia**

# Tilia International AB, Håkan Stridsberg, Sweden

#### **Project Manager**

Made MSDS for Tilia-International on various products like Cutting oil or Thread oil.

# 2006-2009

# Chemical risk assessment of chemicals

# MCG Malmö Citytunnel Group HB, Sweden

# One of several consultants from Ramboll

Environmental risk assessment of chemicals to be used during the constructing of the Malmö Citytunnel (appr 200 substances or chemical products). Evaluating toxicological and eco-toxicological data to be used for calculation Maximum Permissible Concentrations for chemicals in the ground and surface water. Work for MCG the main contractors of the tunnel.

# 2006-2008

# **Chemical safety Metal Powder Production and MSDS**

# Höganäs AB, Inger Persson, Sweden

## Project Manager

Occupational health assessment of chemicals in the production for a major industry in metal powder production. Helping the company with routines for risk assessment of chemicals.

Data evaluation and literature study for MSDS according to REACH for metal powders of Höganäs.



#### **TEACHING EXPERIENCE**

2008-2012

Held several internal courses in Environmentally Friendly Design Environmental Project Plans and the Ramboll environmental management system., Malmö

2008

1 day tailor made course for a company making road marking colour about risk assessment of chemicals and also how REACH affects this company. Contact: Björn Johansson Cleanosol, Kristianstad

2008

Lecture about naming and identifying a substance according to the REACH regulation. Contact: Emma Andersson, Kemisk-Tekniska Leverantörsförbundet (KTF is an Association of manufactures and importers of paint, detergents, glue and cosmetic products etc.), Stockholm

2007-2009

Lectures about Exposure Assessment and Scenarios (ES) in REACH and general lectures about REACH and CLP at 5 different conferences. Contact: Mona Thunstrom, Insight Events Sweden, Stockholm and Rikke Ryge Casper Copenhagen., Stockholm and Copenhagen

General seminar about REACH for plastic products producers., Astorp

2006

Held a course in safe handling of chemicals and chemical legislation for Avanti System AB. Contact: Olle Hellman, Stockholm

# **MEMBERSHIPS**

Member of the Consultant Association "Chemical Environmental and Health Hazards". See www.kemi.nu (in Swedish) for the qualification demands of the associations.

