



The Swedish Plastics & Chemicals Federation

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Collaboration between Chemical Companies and the Public Sector in Sweden

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Development of Laws & Regulations

- UN Industrial Accident Directive
- Seveso Directive EU
- Adaptation of EU & UN Regulations to Swedish Law
- Input to increase Clarity, Improve Safety, Flexibility in Technical Solutions, Efficiency
- ***We do not want unserious companies that creates accidents and destroy Business Reputation!***

Development of Guidelines

- Complementary to Laws & Regulations
- Guidelines for Inspections
- Guidelines that help to establish Common Corporate Standards
- Eg Risk Analysis, Design of Loading/Unloading Facilities

Industrial Sector Federations

- Collaboration to form Industrial Standards
 - Responsible Care
- Learning from Accidents
- Learning from Scenario Training Exercises
- Participation in the Adaptation of EU & UN Law etc

Chemical Emergency Support

- In Operation Since 1/7 2005
- Covering Sweden 24/7
- Activated by 112, 020-996 000
- Company resources (2 People) available for transport within 90 minutes
- Special Equipment available in 5 depots
- Fixed Costs covered by the companies
- Annual Training organised by MSB

Chemical Emergency Support

- General Guidance on Chemical Accidents or active Support to Local Emergency Unit (020-996 000)
- Chemicals Covered
 - Ammonia, Chlorine, Sulphur Dioxide
 - Potassium Hydroxide, Sodium Hydroxide
 - Sodium Hypochlorite
 - Sulphuric Acid, Hydrochloric Acid, Nitric Acid, Oleum
- Companies
 - Boliden Mineral AB Rönnskär, Yara AB, Kemira Kemi AB, Perstorp AB, Ineos AB, Eurenco Bofors AB

Fire Extinguishing Support-SMC

- In action since 1994
- Organised under The Federation of the Swedish Petrochemical Industry-SPBI
- Available in case of Big Fires in general
- 30 Depos across Sweden with local accountability for training etc
- Mobile Equipment – Truck or Aeroplane
- 230 people specially trained across Sweden

Joint Scenario Exercise & Training

- Annual Company Training (Seveso top tier)
- Involved Players on regular basis:
 - Company Crisis Management Team & Organisation
 - Local Police
 - Local Fire Brigade
 - Local Emergency Unit (Ambulance)
 - Local Municipal Authority
 - County Crisis Management Coordinators

Partnership in Associations

- Eg Association for Process Safety
 - Companies and Authorities collaborate to discuss issues, generate new knowledge and to improve Safety Performance of the Chemical Industry Sector in General

National Technical Research Institutions

- RISE – The Bridge Between Swedish Universities & the Swedish Industry to generate Products on the Market from Academic Research
- Swedish Standards Institute - SIS– Industry Standards & Classification within Europe
- Swedish Environment Institute – IVL
- SP Technical Research Institute of Sweden – Testing of Materials, Technical Consultation, Research & Development Tasks