

3E Company HazMat Management Web Seminar Series

Dangerous Goods Safety Adviser – Regulations and DGSA Work

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chemical, regulatory and compliance
information services**

Intro1

- The preferred screen resolution is 1024 x 768
- If you have popup blockers please disable them to optimize the visual presentation
- If you do not have access to the Internet, please call (US & Canada) **1-877-407-0625** or (International) +1-201-689-8548
- Click Q&A button to submit your questions. Questions will be answered at the end of the presentation
- The Web Seminar will be recorded. The audio and visual presentation link will be sent to you after the Web Seminar

- Pernille Jakobik Wulff - Regulatory Consultant, Dangerous Goods Safety Adviser, Ariel Research Corp. Europe, 3E Company
 - Background in transport of dangerous goods in ADR, RID, IMDG and IATA, chemical regulations, environmental, health & safety, occupational safety and health, toxicology

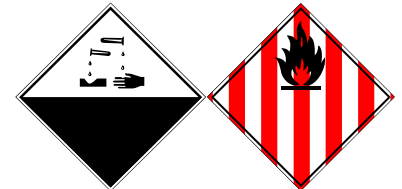
Previous Experience:

- Danish Toxicology Centre – Regulatory Consultant in Dept., Occupational Health and Toxicology
- Broste A/S – Regulatory Consultant and MSDS author

- Sabine Hausmann, Manager Industrial Health Office, Europe; Visteon Deutschland GmbH
 - Responsible for complete Management of chemicals at all Visteon facilities European wide, which includes the toxicological Material Approval as Part of Health and Safety Risk Assessment process, coordination of Industrial Hygiene Programs and Dangerous Goods Compliance program.
 - Education:
 - Degree in Environmental Engineering
 - Additional Education in Project Management and Training of Adults
 - Training Certificates as DGSA for Road (ADR), Rail (RID), Sea (IMDG), Air (IATA-DGR) and inland Waterways (AND/R)

Agenda

1. Legal requirements
2. Implementation
3. Dangerous Goods Compliance Program at Visteon



Identify Regulatory requirements

- International Transport Regulations
(UN-Orange Book, IMDG, ICAO-TI)
- European regulations e.g. Directives 96/35/EC
(DGSA), 2000/18/EC (examination req. DGSA),
94/55/EC (Road transport), 96/49/EC (Rail Transport)
- National adoptions of EU-Directives
- National regulations
- Exemptions

Legal requirements cont

The council Directive 96/35/EC of 3 June 1996

- DGSA Directive
- Duties of DGSA
- National adoptions

ADR

- **French:** Accord européenne relatif concernant le transport de marchandises Dangereuses par Route -
- **English:** European Agreement for the transport of Dangerous Goods by Road
- History




Legal requirements cont

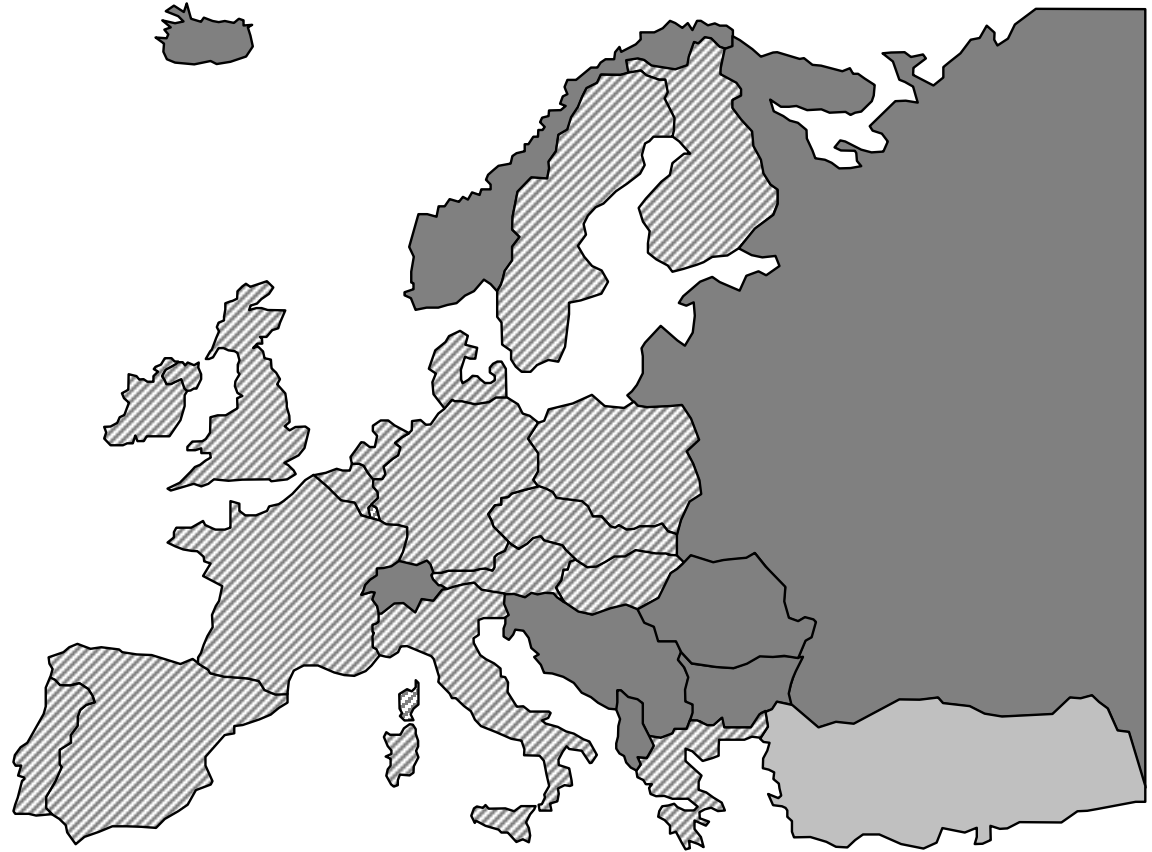
Requirements in ADR/RID:

- Those Countries that has adopted the ADR/RID-Conventions but which are not member states of the EU were required to implement the DGSA-regulations by January 1st 2003 at the latest.

Legal requirements cont

Applicability of ADR/RID:

-  EU Member State
-  ADR Member State
-  ADR not applicable



National adoptions and regulations

- Member states of EU
- National regulations
- Implementation

What is a DGSA?

Person, who

- (1) has successfully attended a vocational training
- (2) and passed the exam (got the official EU-certification)
- (3) and has been formally appointed in written form by the head of the enterprise

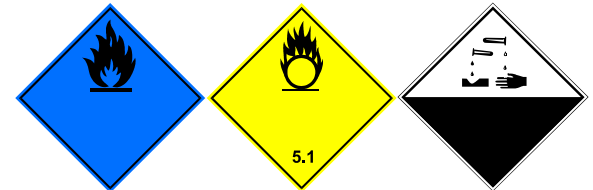
Can be the head of the enterprise, a person working inside the company or an external contractor.

Who needs a DGSA?

- A simple rule is "if the vehicle needs orange plates you need a DGSA"

Exemptions

- Unloading
- Dangerous goods transported, loaded or unloaded below certain load threshold limits.
- Exemptions in ADR/RID



Exemptions cont. (2)

ADR/RID itself has exemptions set out in part 1.1.3.
The main ones are:

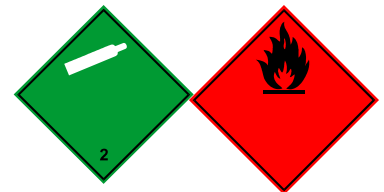
- Private use of vehicles
- Carriage of machinery containing dangerous goods
- Carriage that is "ancillary" to main activity.
- Dangerous goods for use with some machine or process that will be operated on arrival
- Dangerous goods to "re-supply" the above example will not be covered by this exemption

Exemptions cont. (3)

- Carriage by or under the supervision of the emergency services.
- Emergency transport
- Some carriage of gases. (ADR 1.1.3.2).
- Some carriage of liquid fuels (ADR 1.1.3.3)
- Empty uncleaned packaging (ADR 1.1.3.5).
- Small loads exemptions.

Duties of a DGSA

- Monitoring compliance
- Advising
- Preparing an annual report. Such annual reports shall be preserved for five years and made available to the national authorities at their request.



Details of duties of DGSA

- The procedures for compliance
- The undertaking's practice in taking account
- The procedures for checking equipment
- The proper training
- The implementation of proper emergency procedures
- Investigating

Details cont. (2)

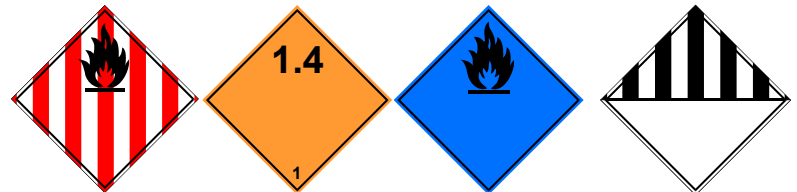
- Implementation of appropriate measures to avoid the recurrence of accidents, incidents or serious infringements
- Choice and use of sub-contractors or third parties
- Detailed operational procedures and instructions;

Details cont. (3)

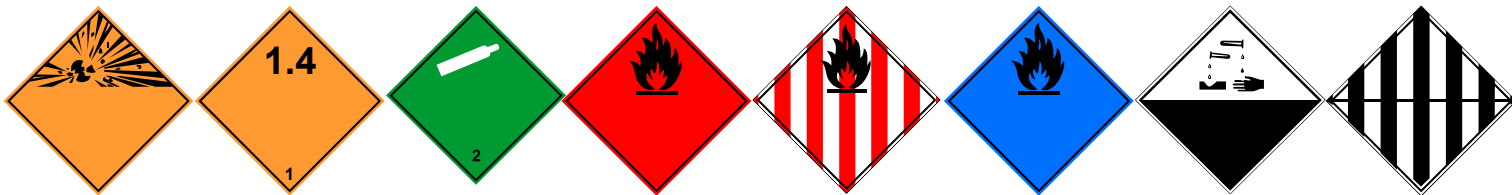
- Awareness of the risks inherent in the carriage, loading and unloading of dangerous goods
- Implementation of procedures (documents and safety equipment, loading and unloading)
- The existence of the security plan indicated in 1.10.3.2.

Duties cont (4)

- These duties of the DGSA can be found in Annex 1 of Council Directive 96/35/EC of 3 June 1996 and in ADR 1.8.3.3



2. Implementation





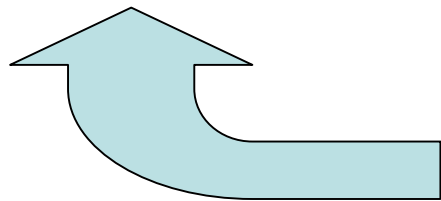
2. Implementation



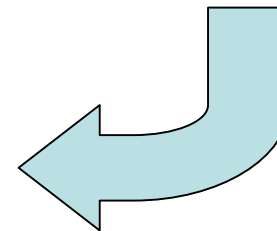
Management

Appointed
persons

Organisation



DGSA

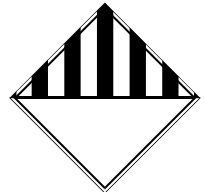


Management

- The Head of the undertaking has the responsibility.
- Appoint a DGSA
- Inform the competent authority
- Support the DGSA

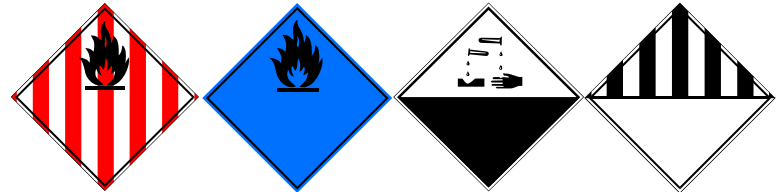
Organization

- Important to set up the proper organization
- Appoint DG persons
- Communicate
- Support from the undertaking



DGSA

- Appoint appropriate DGSA
- Task of DGSA under the responsibility of the head of the undertaking
- Set up the tasks
- Appoint DG persons
- Training



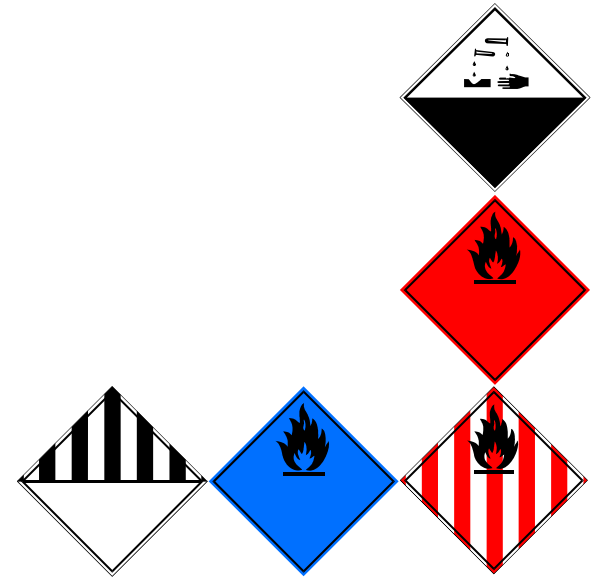
Appointed persons

- Persons with relevant job functions
- Training
- Duties
- Roles
- Usage of external DGSA



DGSA job function

- Build up the DGSA function
- Create procedures
- Appoint DG persons
- Training of DG Persons
- Audits
- Reports



Build up the DGSA function

- Overview
- Procedures
- Implement procedures
- Appoint and train DG persons



Procedures examples

- Responsibilities
- Training
- Shipping/receiving Dangerous Goods
- Handling/Storage Dangerous Goods
- Internal Review
- Reports requirements
- Security requirements
- Audit requirements

Appointment and training of employees

- Appoint relevant persons

Nature of training

- General awareness training
- Function-specific training
- Safety training
- Driver Training
- Training for Classes 1 & 7



General awareness training

Personnel shall be familiar with the general requirements of the provisions for carriage of Dangerous Goods.

The training shall be appropriate to the Responsibilities and duties of the individual Concerned.

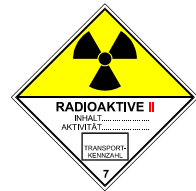
Function-specific training

Personnel shall receive detailed training, commensurate directly with their duties and Responsibilities in the requirements of the regulations concerning the carriage of Dangerous Goods



Safety and class 7 training

- The safety training shall aim to make personnel aware of the safe handling and emergency response procedures.
- Class 7 training. Personnel shall receive appropriate training concerning the radiation hazards involved.



Driver training

- **General requirements concerning the training of drivers**
- **Special requirements concerning the training of drivers**
 - Class 1
 - Class 7

