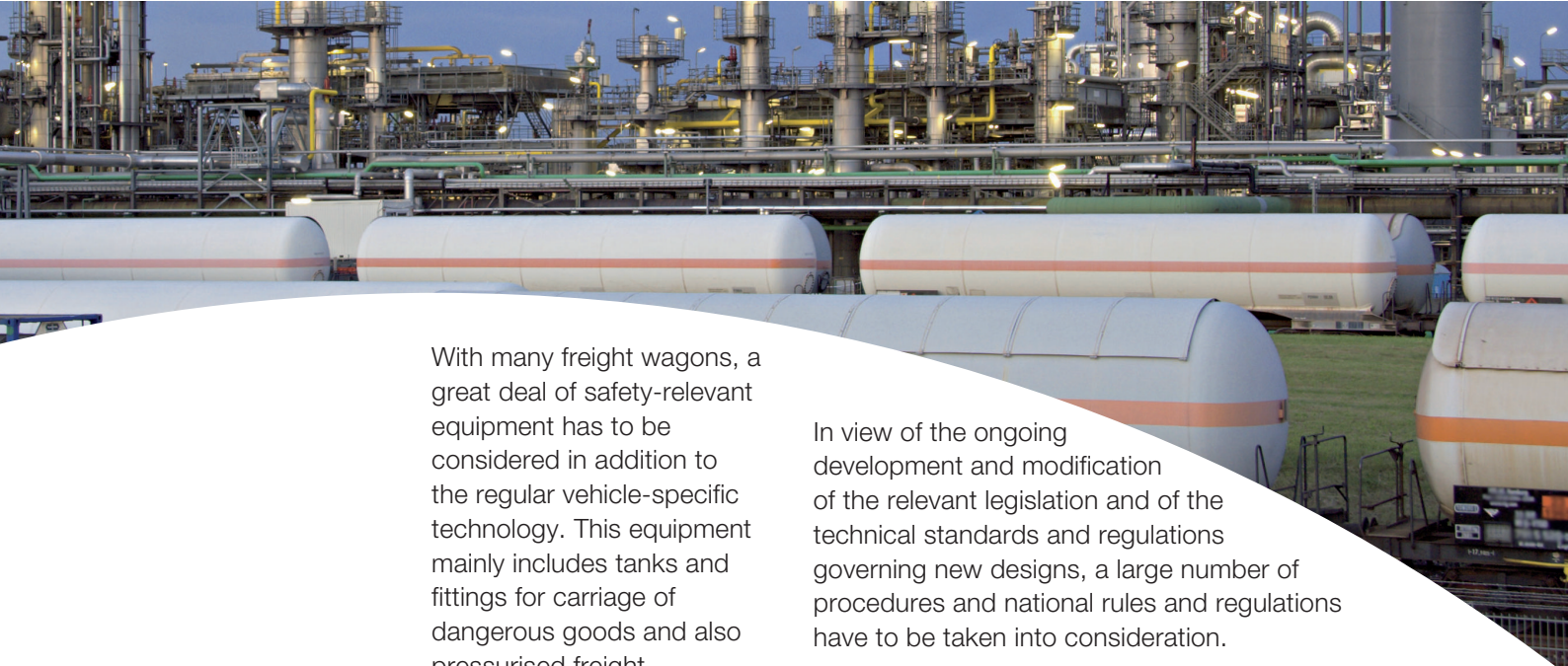


# Carriage of dangerous goods, equipment subject to special supervision



With many freight wagons, a great deal of safety-relevant equipment has to be considered in addition to the regular vehicle-specific technology. This equipment mainly includes tanks and fittings for carriage of dangerous goods and also pressurised freight containers for non-dangerous goods. There are also various items of equipment subject to special supervision that are needed for operation of the vehicles themselves, such as tanks and pressure vessels.

In this context, it is essential that special attention is paid to the interface between the tank or vessel and the vehicle.

In view of the ongoing development and modification of the relevant legislation and of the technical standards and regulations governing new designs, a large number of procedures and national rules and regulations have to be taken into consideration.

These include the traditional initial sample approval procedures according to the relevant European directives, design approvals according to the German railway-related design regulations (EBO), examinations according to the German Ordinance on Industrial Safety (BetrSichV), regular testing, supervision of modifications and repairs and also reports on particular subjects. This is where you can benefit from the system competence and long and extensive experience of the experts from TÜV NORD - in the assessment of both wagons for dangerous goods and equipment subject to special supervision.

**TÜV NORD - Making our world safer.**

TÜV®



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# Carriage of dangerous goods, equipment subject to special supervision

## Our services

### Carriage of dangerous goods

- Testing of tanks with equipment  
(using technical documentation, preliminary examination, design examination, within the type approval examination procedure, initial testing, regular testing, extraordinary testing)
- Testing of individual items of equipment  
(to achieve the type test approval mark, unit verification, type testing)
- Reports for special approvals
- Coordination of interface with vehicle
- Freight goods containers (pressure vessels)
- Testing of tanks with fittings  
(using technical documentation, design examination, initial testing, regular testing, extraordinary testing)
- Tests of separate items of equipment to achieve the type test approval mark

### Equipment subject to special supervision

- Reports for type approval
- All tests of the equipment itself

### The benefit to you:

- Protection of persons and the environment
- Reports accepted by official authorities
- Assurance of planning compliance

### Our competence:

- Independence and neutrality
- Specialist independent experts with long-standing experience
- Assessors with EBA-recognition
- Accredited inspection body according to DIN EN ISO/IEC 17020 (DAkKS)
- Notified Body (NoBo)
- Designated Body (DeBo)
- Assessment Body (AsBo)
- Partner of country and municipal authorities  
(Landeseisenbahnaufsicht (LfB, TAB))
- Associated partner of the German notified body

We look forward to sharing our expertise with you.  
Why not contact us.

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