

This is why Germany has for a long time been making efforts to incorporate the resulting requirements and findings in the harmonisation process within the international river basin commissions and in bilateral and multilateral agreements. However, this has also resulted in a situation where fragments of installation-related water conservation are today embodied with varying degrees of diffusion in international cooperation. This is an important starting point for the application of the WFD. There is a need to examine whether the decisions taken to date are sufficient to ensure comprehensive satisfaction of the EU requirements.

The following synopsis (see Table 11) of recommendations by the river basin commissions, multilateral organisations and, in some cases, national bodies makes no claim to be exhaustive, but it does contain the documents which form the basis for implementing the project objectives and which are therefore of crucial thematic importance.

Table 11 Overview of recommendations and activities relevant to installation safety

| IRBC | | Recommendations – Title | Published |
|---------------------------------------|-----------------|--|-----------|
| International river basin commissions | ICPR / IKSR | Definition of substances dangerous to water | 1998 |
| | | Authorisation procedures for installations of major- accident relevance | |
| | | Overfill protection | |
| | | Pipework safety | |
| | | Joint storage | |
| | | Sealing systems | |
| | | Wastewater substreams | |
| | | Transshipment | |
| | | Fire protection concept | |
| | | Installation monitoring | |
| | | Site alarm and emergency response planning | |
| | ICPER / IKSE | Recommendations on problems of fire-fighting water retention | 1993 |
| | | | 1994 |
| | | Recommendations on improving major-accident pre- cautions on the Elbe | 1996 |
| | | Recommendation on basic structure of safety reports | 1997 |

| IRBC | | Recommendations – Title | Published |
|------|---------------|---|--------------|
| | | with regard to water hazards | 1998 |
| | | Site alarm and emergency response planning – Recommendations | |
| | | Requirements for installations for handling substances dangerous to water in flood areas or areas at risk of ponding – Recommendations | 1999 2000 |
| | | Overfill protection – Recommendations | |
| | | Organisational measures and material-related basic requirements for protection against accidents involving floating substances dangerous to water – Recommendations | 2001 2002 |
| | | Pipework safety – Recommendations | |
| | | Basic requirement for installations for handling substances dangerous to water – Recommendations | |
| | | Recommendations on storage facilities for substances dangerous to water/hazardous substances | 2004 |
| | | | |
| | | | |
| | ICPDR / IKSD | Recommendations on safety requirements for contaminated sites in flood-risk areas | 2005 |
| | | Performing inventories of accident risk spots | 2001 |
| | ICPOaP / IKSO | Requirements for installations for handling substances dangerous to water in flood areas or areas at risk of ponding | 2005 |
| | | | |
| | IKSMS | Recommendations to the Member States of the IKSMS on precautionary measures for oil and hydrocarbon storage in areas at risk of ponding | 1995 |
| | IKSMS | | |

| IRBC | | Recommendations – Title | Published |
|--------------------------------|--------|---|----------------------------|
| Checklist method | | Operationalising the ICPER and ICPR recommendations | 2006 |
| | | <i>additions:</i> (Kura River Basin) | 2006 |
| | | Technical safety recommendations for industrial tailing management facilities | |
| | | Technical safety recommendations for supervising the closure of dangerous industrial units: - permanent closure - temporary closure (Technology transfer) Checklists for inspecting and assessing the condition of installations involving substances and preparations dangerous to water in the cellulose and paper industry Checklists for refinery safety | 2006 |
| Multilateral organisations | UN ECE | Safety guidelines and standards for pipelines Safety guidelines for transboundary emergency planning Safety guidelines for industrial tailing management facilities | 2006 planned planned |
| | OECD | Guidelines for Chemical Accident Prevention and Response | 2003 |
| BAT reference documents (BREF) | | BAT reference document on the best available technologies for the storage of bulk or dangerous materials | 2005 |

4.1.1 International river basin commissions

The international river basin commissions are important bodies for developing and updating the standard of installation-related water conservation. The entry into force of