Proposal

23. Modify 4.3.2.2.1 as follows (new text underlined):

4.3.2.2.1 The following degrees of filling shall not be exceeded in tanks intended for the carriage of liquids at ambient temperatures:

(a) for flammable substances, for environmentally hazardous substances and for the flammable environmentally hazardous substances, without additional risks (e.g. toxicity or corrosivity), in tanks with a breather device or with safety valves (even where preceded by a bursting disc):

\[
\text{Degree of filling} = \frac{100}{1 + \alpha (50 - t_F)} \times \% \text{ of capacity}
\]

(b) for toxic or corrosive substances (whether flammable or environmentally hazardous or not) in tanks with a breather device or with safety valves (even where preceded by a bursting disc):

\[
\text{Degree of filling} = \frac{98}{1 + \alpha (50 - t_F)} \times \% \text{ of capacity}
\]

(c) for flammable substances, for environmentally hazardous substances and for slightly toxic or corrosive substances (whether flammable or environmentally hazardous or not) in hermetically closed tanks without a safety device:

\[
\text{Degree of filling} = \frac{97}{1 + \alpha (50 - t_F)} \times \% \text{ of capacity}
\]

(d) for highly toxic, toxic, highly corrosive or corrosive substances (whether flammable or environmentally hazardous or not) in hermetically closed tanks without a safety device:

\[
\text{Degree of filling} = \frac{95}{1 + \alpha (50 - t_F)} \times \% \text{ of capacity}
\]