

International norms and standards

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Introduction

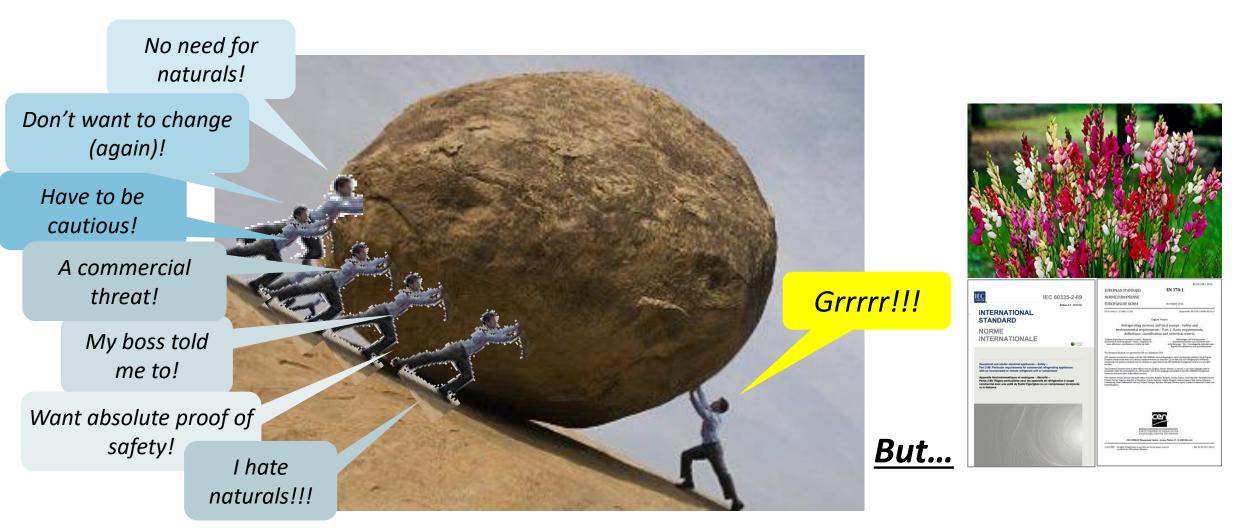


- Good safety standards critical to successful deployment of NRs
 - Help minimise chance of accidents
 - Should allow relatively unhindered use of NRs
- Historically, R744 and R717 have not been hindered, but HCs have (and are) severely hindered
 - Degree of hindrance for HCs has been highly obstructive for many applications



Standards development dynamics





New developments

- Extensive R&D on HC flammability safety has been carried out to help progress standards
 - Dispersion in unventilated rooms
 - Mixing of leak with airflow
 - Quantifying real leakage and leak tightness
 - Risk assessment
 - Detection and safety systems
- Greater participation of NR stakeholders





COOL CONTRIBUTIONS FIGHTING CLIMATE CHANGE (C4)

Green Cooling Summit 2021, May 25-27





Outlook



