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Standardisation Request M/555

Matthias Meier
CEN and CENELEC are requested to draft a European standardisation deliverable with technical specifications for the use of flammable refrigerants, in particular those classified as A3, in refrigeration, air conditioning and heat pump equipment.
An overview: From NWI to Publication...

- **Registration of NWI**: 0 months
- **Circulation of 1st WD**: 4 months
- **Start Enquiry**: 8 months
- **End Enquiry**: 11.5 months
- **Drafting**: 8 months
- **Preparation**: 3.5 months
- **ENQ**: 3 months
- **Consideration of comments max. 8 months**: 14.5 months
- **Preparation 0.5m**: 22.5 months
- **FV**: 23 months
- **Finalisation**: 24.5 months
- **Finalisation 2 m**: 25 months
- **Publication**: 27 months

1. Possibility to be extended to 12 months
2. Translation previous to Formal vote is optional. If translation is necessary, 1.5 months need to be added.
Appr. 80 Experts

- Industry
- Standards Application
- Small Business Experts
- Environmental Stakeholders
- European Commission
- Guest Speaker
Assessment Report

- 6 European Directives
- Appr. 20 safety related risk assessment documents
- Appr. 15 specific standards related to the application of flammable gases
- Appr. 25 standards for flammable atmospheres
Conclusions

• Training and competence of personnel
• Hamonisation of International Standards
• Mitigation measures or protective measures
• Transport refrigeration
Next Steps

- Technical Report
- Technical Specification
- Standard for Transport Refrigeration
Obligation of the manufacturer

• Manufacturers must carry out their own risk analysis
The End