Ladies and Gentlemen:

Attached you will find the Agenda for the December 10, 2009 meeting of the NFPA 30 Technical Committee on Storage and Warehousing of Containers and Portable Tanks, to be held at the offices of the National Fire Protection Association, Quincy MA, 8:00 AM to 5:00 PM (Eastern Time).

This material will also be posted on the Technical Committee’s ECommittee web page and can be downloaded from there.

If you have any additional items to add to the Agenda, please circulate same to the rest of the Technical Committee or transmit them to me as soon as possible for distribution.

I look forward to seeing you on December 10th.

rpb/

cc

FLCC Meeting File
FLCC/NM
JMoreau-Correia
LFuller, Stds. Admin.
1. Call to Order.

2. Introduction of Attendees. Update of Committee Roster. (Attachment № A1)

3. Report of Committee Chair.

4. Report of Staff Liaison.
   - Review of Scope of Committee. (Attachments № A2 & № A3)
   - Status of Technical Committee Membership. (Attachment № A4)
   - Revision Schedule for NFPA 30-2012. (Attachment № A5)


6. Recent Correspondence. (NONE)

7. Other Old Business. (NONE)

   - Questions related to flammable liquids storage cabinets:
     - Can ordinary combustibles be stored along with liquids in the cabinet?
     - Can MSDSs be stored in or attached to the cabinet?
     - Can liquids be stored directly on the cabinet’s bottom or should they be raised up 2 inches, so as not to take up the required spill containment volume?
   - Questions related to the fire protection design criteria in NFPA 30, Chapter 16:
     - Should Chapter 16 explicitly state that barriers are required over the top tier of storage and that the top tier is NOT protected (at least not adequately) by the ceiling sprinklers, given the fact that there is no distance specified between the in-rack sprinkler deflector and the protected commodity?
     - Is there a maximum aisle width beyond which there is no need to extend the sprinkler protection to adjacent commodities of lower hazard?
     - Related to the previous question, can the extension of protection be limited to the
exposed rack sections?
- Should Chapter 16 of NFPA 30 explicitly state how many sprinklers are to be considered in designing the in-rack system, so as not to conflict with NFPA 13?
- It has been determined that double-row racks can be placed up against a wall; nothing in NFPA 13 or NFPA 30 prohibits this. Should Chapter 16 so state?
- Since a single-row rack has no flue space, only face sprinklers are required to meet NFPA 30. Can face sprinklers be substituted with a line of sprinklers in the middle of the width of the rack?
- What do we mean by “limited quantities of (ordinary) combustible materials”? Neither NFPA 13 nor NFPA 30 are specific enough.
- Can a sheet metal vertical barrier take the place of the gap required every 8 feet in Schemes “B” and “C”?
- How should Chapter 16 treat storage on open mezzanines?

- Miscellaneous Questions:
  - Per Table 9.9.1, any barrier wall must be a fire wall. Is this necessary to separate the office from the warehouse area?
  - Was the issue regarding EC25 sprinklers ever resolved?
  - Do we need to specify a minimum slope for floor drainage?
  - Has clear space ever been considered as a substitute for barrier walls to define separate control areas?
  - Are ceiling-mounted gas-fired unit heaters appropriate for a liquids storage area?
  - Section 12.8 of NFPA 30 sets limits on Class I and II liquids in plastic containers in general purpose warehouses. What about Class III liquids? No limits on plastic?

- Need for proposal or comment to NFPA 1 to delete their requirement for self-closing doors on flammable liquids storage cabinets.

- Issue: NFPA 30, 9.6.2.2 can be interpreted as allowing 180 gallons of a Class IA liquid. This needs to be remedied.

- Issue: Chapter 11 states one can comply with Chapter 19 or with Section 18.4. This seems to be contradictory. Should one or the other be chosen?

9. Schedule Next Meeting(s).

10. Adjournment.
FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE COMMITTEE

SCOPE STATEMENTS

Technical Correlating Committee on Flammable & Combustible Liquids

This Committee shall have primary responsibility for documents on safeguarding against the fire and explosion hazards associated with the storage, handling, and use of flammable and combustible liquids; and classifying flammable and combustible liquids.


Technical Committee on Fundamentals of Flammable & Combustible Liquids

This Committee shall have primary responsibility for documents or portions of documents on the basic requirements for safeguarding against the fire and explosion hazards associated with the storage, handling, and use of flammable and combustible liquids. This Committee shall also have responsibility for definitions related to flammable and combustible liquids and for criteria for the classification of flammable and combustible liquids.

Responsible for Chapter 1 of NFPA 30, Flammable and Combustible Liquids Code.

Technical Committee on Operations

This Committee shall have primary responsibility for documents or portions of documents on safeguarding against the fire and explosion hazards associated with operations that involve the handling, transfer, and use of flammable and combustible liquids, either as a principal activity or as an incidental activity.

Responsible for Chapters 5 and 6 and Appendix F of NFPA 30, Flammable and Combustible Liquids Code.
Technical Committee on Storage & Warehousing of Containers & Portable Tanks

This Committee shall have primary responsibility for documents or portions of documents on safeguarding against the fire and explosion hazards associated with the storage, warehousing, and display merchandising of flammable and combustible liquids in containers and in portable tanks whose capacity does not exceed 2500 liters (660 gallons).

Responsible for Chapter 4 and Appendices D and E of NFPA 30, Flammable and Combustible Liquids Code.

Technical Committee on Tank Storage & Piping Systems

This Committee shall have primary responsibility for documents or portions of documents on safeguarding against the fire and explosion hazards associated with the storage of flammable and combustible liquids in fixed aboveground and underground tanks of any size, including tanks in buildings, except as specifically covered by other NFPA documents, and with the installation of piping systems for flammable and combustible liquids. This Committee shall also have primary responsibility for documents or portions of documents on safeguarding against the fire and explosion hazards associated with the storage of flammable and combustible liquids in portable tanks whose capacity exceeds 2500 liters (660 gallons).

Responsible for Chapters 2 and 3 and Appendices B and C of NFPA 30, Flammable and Combustible Liquids Code, and NFPA 395, Standard for the Storage of Flammable and Combustible Liquids at Farms and Isolated Sites.
Technical Committee on Tank Storage & Piping Systems

This Committee shall have primary responsibility for documents or portions of documents on safeguarding against the fire and explosion hazards associated with the storage of flammable and combustible liquids in fixed aboveground and underground tanks of any size, including tanks in buildings or vaults, except as specifically covered by other NFPA documents, and with the installation of piping systems for flammable and combustible liquids. This Committee shall also have primary responsibility for documents or portions of documents on safeguarding against the fire and explosion hazards associated with the storage of flammable and combustible liquids in portable tanks whose capacity exceeds 3000 liters (793 gallons). This Committee does not have responsibility for the installation of storage tanks for flammable and combustible liquids where specifically covered by other NFPA documents.

Responsible for Chapters 4 and 5 and Annexes B and C of NFPA 30, Flammable and Combustible Liquids Code.
FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE COMMITTEE

COMMITTEE MEMBERSHIP BALANCE SUMMARY

TCC on Flammable & Combustible Liquids - FLC-AAC

Members: 12  M: 2 (17%)*  U: 1 (8%)
Voting Alternates: 0  I/M: 0  L/C: 0
Alternates: 4  R/T: 1 (8%)  E: 2 (17%)
Non-Voting: 3  I: 2 (17%)  SE: 4 (33%)
Emeritus: 3
Task Group: 0
Hold List: 0  Balance: OK
*(containers: 1  liquids: 1)

T/C on Fundamentals of Flammable & Combustible Liquids - FLC-FUN

Members: 26  M: 9 (35%)*  U: 4 (15%)
Voting Alternates: 0  I/M: 0  L/C: 0
Alternates: 6  R/T: 2 (8%)  E: 3 (12%)
Non-Voting: 1  I: 5 (19%)  SE: 3 (12%)
Emeritus: 0
Task Group: 0
Hold List: 6  Balance: M overbalanced by 1
*(containers: 1  liquids: 5  tanks: 1)

T/C on Operations - FLC-OPS

Members: 28  M: 8 (27%)*  U: 5 (17%)
Voting Alternates: 2  I/M: 0  L/C: 0
Alternates: 11  R/T: 1 (3%)  E: 3 (10%)
Non-Voting: 2  I: 6 (20%)  SE: 7 (23%)
Emeritus: 0
Task Group: 0
Hold List: 3  Balance: OK
*(liquid handling equipment: 1  liquids: 7)
### T/C on Storage & Warehousing of Containers & Portable Tanks - FLC-SWC

Members: 30  
M: 9 (30%)*  U: 5 (17%)  
Voting Alternates: 0  
I/M: 1 (3%)**  L/C: 0  
Alternates: 15  
R/T: 1 (3%)  
E: 3 (10%)  
Non-Voting: 0  
I: 6 (20%)  SE: 5 (17%)  
Emeritus: 0  
Task Group: 0  
Hold List: 5  Balance: OK  
*(containers: 3  liquids: 3  safety cabinets & safety cans: 1)  
**(fire suppression systems: 2)

### T/C on Tank Storage & Piping Systems - FLC-TAN

Members: 26  
M: 4 (15%)*  U: 8 (31%)  
Voting Alternates: 0  
I/M: 0  L/C: 0  
Alternates: 9  
R/T: 1 (4%)  
E: 3 (12%)  
Non-Voting: 0  
I: 3 (12%)  SE: 7 (27%)  
Emeritus: 3  
Task Group: 0  
Hold List: 4  Balance: OK  
*(fire suppression systems: 0  tanks: 2  tank appurtenances: 1  tanks & tank appurtenances: 1  vaults: 0)
# 2011 ANNUAL REVISION CYCLE

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<th>Process Stage</th>
<th>Process Step</th>
<th>Dates for TC</th>
<th>Dates for TCC</th>
<th>Completion Date</th>
<th>Verify Material in File</th>
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* Proposal Closing Dates may vary according to documents and schedules for Revision Cycles may change. Please check the NFPA website (www.nfpa.org) for the most up-to-date information on proposal closing dates and schedules.