

Packet #1

Section

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314.4 Indoor Display of Vehicles

Summary

Includes liquid-fueled vehicles as well as gaseous-fueled vehicles and adds language that gives the Fire Code Official the ability to leave batteries connected or to disconnect them based on vehicle safety features.

Recommendation

Approve

Section

315.3.1 Ceiling Clearance for Indoor Storage

Summary

Exceptions added that allow an increase in the height of storage along walls, to the ceiling, in sprinklered and non-sprinklered buildings. (hose reach is not affected)

Recommendation

Approve

Section

315.1, 315.7 and 105.6.29 Outdoor Pallet Storage

Summary

Added language for storage height limitation and separation to buildings and property lines for storage of wood and plastic pallets outdoors. Section 105.6.29 adds combustible pallets to the list of items needing an operational permit when in excess of 2500 cubic feet.

Recommendation

Approve

Section

406.12.3 and 406.12.3.1 Crowd Managers

Summary

Threshold for crowd managers dropped from 1,000 to 500 for certain events and training is now required for them too. Training can be done on-line for \$20 per person,

Recommendation

Approve

Section

404.2.3, 404.2.3.1, 404.2.3.2, 404.2.3.3 Lockdown Plans

Summary

Updates and prescribes details for facility lockdown plans. Specifically identifies the organizational structure in charge of making decisions during a lockdown, authorities and communications during a lockdown and a description of the means and methods of locking doors and securing areas.

Recommendation

Approve

Section

510 Emergency Responder Radio Coverage

Summary

Requirements revised to industry and equipment enhancements. Extensive revisions.

Recommendation

Need to consider the practicality of enforcing this code requirement.

Section

603.1, 603.3 Fuel-Fired Appliances

Summary

Language change to identify the difference in application of portable vs nonportable fuel fired appliances, correlate requirements within the various sections for internal combustion engines and provide another option for storage of liquid fuels for generators and fire pumps.

Currently two options for fuel oil storage inside - 660 gallon maximum or up to 3000 gallons in an above ground tank where the room and building are protected with sprinklers.

A third option is now provided - Up to 1320 gallons can be stored inside a room not sprinkled provided the building is sprinkled and the tank is listed to UL 142 or UL 2085.

Recommendation

Approve

Section

605.13, 605.16, 605.17 Refrigerants with Lower Flammability Hazards

Summary

Addresses a new class of refrigerants, Group A2L. Does not affect existing requirements for flammable or toxic refrigerants. Allows Group A2L refrigerants in refrigeration machinery rooms to comply with current code requirements for Group 1, Division 2 electrical systems or install detection and ventilation systems.

Recommendation

Approve

Section

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608.3 Nonmetallic Cooking Oil Storage Tanks

Summary

Adds listing and capacity requirements for cooking oil storage. Specifically points to UL 2152 as the reference standard for non-metallic tanks.

Recommendation

Approve

Section

807.1, 807.2, 807.5 Combustible Decorative Material

Summary

Clarification on where to apply limitations on decorative combustible material. Specifically, decorative vegetation is now included whereas before it was not. Specific occupancy classifications have been added that previously appeared in the 2012 IFC. Some use groups like S1 for example, have been excluded because they pose a much lower threat. Window coverings have also been excluded because 'most hotel rooms around the world have a window'. Additional language added that clears up conflicts in this code section.

Recommendation

Approve

Section

807.4 Artificial Decorative Vegetation

Summary

Additional clarification on where to apply limitations on decorative combustible material. Separates and speaks to artificial and natural vegetation. In some Group I and Ruse groups residents and caretakers seek to create a home-like environment by displaying seasonal decorative items. It's not practical to always determine if these items comply with NFPA 701 of 289 so allowances have been made for small decorative items in sprinkled facilities without testing. Approved sprinkler systems for this section can be NFPA 13, 13R or 13D. Also requires lighting on artificial vegetation to be listed.

Recommendation

Approve

Section

901.4.6.1, 901.4.6.2, 901.4.6.3, 901.4.6.4 Fire Pump and Fire Sprinkler Riser Rooms

Summary

Where fire pump and sprinkler rooms are required, additional requirements for them have been added. Specifically must be readily accessible but can be locked e.g. Knox box. A temperature of 40 degrees Fahrenheit or higher must be maintained in either wet or dry systems. Permanent lighting is also now required.

Recommendation

Approve

Section

901.6.2 Integrated Fire Protection System Testing

Summary

References NFPA 4 to ensure that the acceptance process for multiple fire protection or life safety systems evaluates the integrated systems as a whole with a top down approach e.g. smoke detector activating dampers vs testing to exercise dampers and verify they are operating. Also requires a repeat of the entire integrated testing process for high rise buildings every ten years.

Recommendation

Approve

Section

901.8.2 Removal of Occupant Hose Lines

Summary

Authorizes the Fire Code Official to allow removal of occupant-use hose lines when they would not be used any trained personnel and the remaining fittings are compatible with fire department fittings.

Recommendation

Approve

Section 903.2.1 Sprinklers in Group A Occupancies

Summary

Clarifies previous code language that was inconsistent with regard to 'intervening floors' and 'stories intervening'. Also adds language to correlate the sprinkler requirements with the requirements for enclosed accessory spaces under grandstands and bleacher requirements. All spaces under bleachers or grandstands, except toilet rooms and ticket booths less than 100 square feet must be separated by 1-hour fire barriers and horizontal assemblies. An option to use fire sprinklers is also added as an alternative in lieu of fire-resistance-rated construction if the enclosed area is less than 1,000 square feet.

Recommendation

Approve

Section

903.2.3 Sprinklers in Group E Occupancies

Summary

Requires fire sprinklers in Group E fire areas having an occupant load of 300 or more, regardless of fire area size.

Recommendation

Approve

Section

903.3.1.1.2 Sprinklers in Bathrooms in Group R Occupancies

Summary

Removes fire sprinkler requirements for small bathrooms in Group R-4 occupancies.

Recommendation

Approve