From: Prechel, Jeffrey
Sent: Wednesday, April 27, 2016 4:33 PM
To: O'Connor, Mike
Subject: RE: Burgerville on 9th

SECTION 610
COMMERCIAL KITCHEN COOKING
OIL STORAGE

610.1 General. Storage of cooking oil (grease) in commercial cooking operations shall comply with Chapter 57. Systems used to store cooking oils in larger than 60-gallon (227 L) above-ground tanks shall also comply with Sections 610.2 through 610.5. For purposes of this section, cooking oil shall be classified as a Class IIIB liquid unless otherwise determined by testing.

610.2 Storage tanks. Cooking oil storage tanks shall be installed in accordance with Section 5704 and the tank manufacturer's instructions.

> **5704.2 Tank storage.** The provisions of this section shall apply to:
> 2. The storage of flammable and combustible liquids in fixed above-ground tanks inside of buildings.
>
> **5704.3.3 Indoor storage.** Storage of flammable and combustible liquids inside buildings in containers and portable tanks shall be in accordance with Sections 5704.3.3.1 through 5704.3.3.10.
>
> > **5704.3.3.3 Clear means of egress.** Storage of any liquids, including stock for sale, shall not be stored near or be allowed to obstruct physically the route of egress.

610.3 Other storage components. Cooking oil storage system components including, but not limited to, piping, connections, fittings, valves, tubing and other related components used for the transfer of cooking oil from the cooking appliance to the storage tank, and from the storage tank to the discharge point, shall be installed in accordance with Section 5703.6.

610.4 Tank venting. Normal and emergency venting for cooking oil storage tanks shall terminate outside the building as specified in Sections 5704.2.7.3 and 5704.2.7.4.

610.5 Electrical equipment. Electrical equipment used for the operation and heating of the cooking oil storage system shall be listed and comply with NFPA 70.

Based on your information, at 353 gallons it looks like they are below the MAQ for Class IIIB liquids.

Respectfully,

Jeff Prechel
Division Chief - Fire Marshal

Corvallis Fire Dept
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541-766-6938 (FAX)
Jeffrey.Prechel@ci.corvallis.or.us

From: O'Connor, Mike
Sent: Wednesday, April 27, 2016 3:15 PM
To: Prechel, Jeffrey
Subject: RE: Burgerville on 9th

Thanks Jeff. With Paul's departure I am swamped with new projects and am trying to expedite my reviews. Your input is appreciated.

Respectfully,

Michael T. O'Connor
Project Coordinator
Phone: (541) 766-6538
mike.oconnor@corvallisoregon.gov

From: Prechel, Jeffrey
Sent: Wednesday, April 27, 2016 8:49 AM
To: O'Connor, Mike
Subject: RE: Burgerville on 9th

I'll try to get you something by this afternoon.

Respectfully,

Jeff Prechel
Division Chief - Fire Marshal
Corvallis Fire Dept
541-766-6970
541-766-6938 (FAX)
Jeffrey.Prechel@ci.corvallis.or.us

From: O'Connor, Mike
Sent: Tuesday, April 26, 2016 4:25 PM
To: Prechel, Jeffrey
Subject: Burgerville on 9th

Jeff,

Can you give me some pointers on a Waste Cooking Oil Containment Tank proposed at the new Burgerville? Section 610 of the OFC classifies it as a Class IIIB liquid. The Tank is 42 inches in diameter, 80 inches tall, and can hold 353 gallons. I need help determining what that all means in relation to where they propose to place the Tank…directly behind an exit door and up close to the structure. Thoughts? (or come on by in the morning, it's on my desk)

Respectfully,

Michael T. O'Connor
Project Coordinator
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