

# Sprinkler Systems, Inc.

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Maine State Fire Marshal's Office

Attn: Gerald Leach

1-9-2017

Re: New Keg Cooler  
Shipyard Brewing  
182 Read Street  
Portland, Maine

Gerald,

I recently visited the New Keg Cooler Project, Shipyard Brewing, 182 Read Street, Portland, Maine. The owner is constructing a new 44' x 132' keg cooler made out of a fabric material filled with foam insulation. This area is protected by an NFPA #13 Ordinary Hazard Pipe-schedule, wet, tree sprinkler system consisting of feed mains ranging in size from 2 1/2" to 8", feeding branch lines 2" and smaller. There will be 12 existing upright sprinklers changed to install new branch line fittings, and there will be 52 new 286 Deg 1/2" x 1/2" Chrome Pendent sprinklers added inside the cooler area. This system is fed by city water. Sprinkler heads to remain are 286 Deg 1/2" x 1/2" brass uprights throughout the building, including above the top of the new cooler area. This new area that is being created will be space for high-piled metal beer keg storage at a maximum of 14' high, which will be similar to an Ordinary Hazard Group 2 occupancy after design adjustments.

Basically, we are going to install new mechanical tees with new 1" x 0'-4" arm-overs to feed new drops through the cooler ceiling. The existing piping layout will remain intact. Please feel free to contact me with any questions. Thank you.

Sincerely,



Scott E. Garland, SET, RMS  
System Designer