

**HELEN WATTS ENGINEERING**

455 Litchfield Road  
Bowdoin, ME 04287  
(207) 522-9366 · fax (207) 666-3920  
hcwatts@gwi.net  
March 9, 2012

Mr. Walt Juve  
Dekko, LLC  
40 Portland Pier #11  
Portland, ME 04101

Re: 225 Industrial Way, Portland, Maine; HWE P/N 10-039

Dear Walt,

This letter is to provide additional information as requested by the City of Portland Codes Enforcement office for your project to use the paint spray booth in your building.


The Building Type is Type IIIA. This allows wood structural framing for the mezzanines. The building built in 2008 is sprinklered.

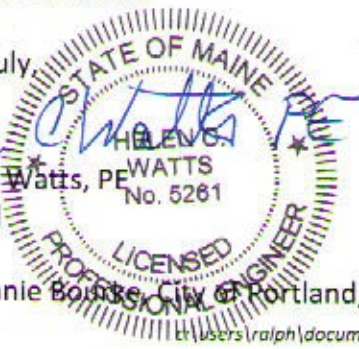
Chapter 15 of the International Fire Code defines Limited Spraying Space, Spray Booth, and Spray Rooms. 1504 specifies that Spray Booths be non-combustible, 18 gage single-skin, 20 gage double-skin, smooth interior surfaces, and personnel doors to be a minimum 30 inches wide and 80 inches high. Spray booths are to have a clear space of 3 feet around. Spray Booths may be closer to or directly against noncombustible outside walls or one hour rated interior walls.

The walls are sided with non-structural panels with an interior and exterior aluminum skin and a foam core. The panels are assumed to be Kamco panels built by Laminators Incorporated of the Omega Foam Ply type. This panel has a flame spread of less than 25 based on ASTM E84, and is therefore a Class A panel. The NFPA rating is A; the ICC construction type is A. The exterior walls therefore are considered noncombustible and the spray booth may be placed against these walls.

Please call if there are any additional connection designs needed for any changes arising during construction.

Yours truly,

  
Helen C. Watts, PE  
Principal



e-c: Jeannie Bourne, City of Portland, Inspections Office  
HCW/

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