Maine Port Authority
International Marine Terminal

FIRE SAFETY PLAN
(Rev. 01, 24 March, 2014)

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
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Fire Safety Program

As part of the overall objective to ensure that adequate fire and life safety protection are provided at the Portland International Marine Terminal (IMT), a Fire Safety Program has been implemented. This Fire Safety Plan outlines not only the fire protection and life safety systems that are installed throughout the IMT, but also provides specific operational requirements that are designed to minimize any potential fire risks to personnel or property, resulting from flammable or combustible materials that are being used, handled, and/or stored at the IMT site. In general, the IMT Fire Safety Program consists of:

- Installed fire protection and life safety systems that are distributed throughout the IMT site to support both early notification of a fire emergency and provide ready access to firefighting water,
- Operational and administrative procedures that provide guidance for ensuring that day-to-day operations at the IMT are conducted in a fire-safe manner, and
- The assignment of personnel responsible for the oversight of the fire safety measures implemented at the IMT.

All three facets of the program must be maintained and administered on a day-to-day basis to ensure that operations within the IMT are conducted in the most fire safe manner possible and that if a fire emergency does occur, that emergency responders have ready access to all portions of the site, including the installed fire protection systems.

Fire Protection Systems

The fire protection systems installed at the Portland IMT consist of both a fire alarm/notification system and a fire water supply system to support manual firefighting operations. The fire alarm/notification system consists of six (6) manual fire alarm pull stations that are installed at locations throughout the IMT site. These pull stations provide a means for rapid notification of emergency responders to a fire or other emergency at the site. The general locations of these pull stations are included on Attachment 1; the site's Fire Safety Plan (Dwg. C17). These pull stations are to be connected to the main fire alarm control panel (FACP) for the main Terminal Building. Upon activation, these will alert the Fire Department via the wireless Master Box system that is connected to the FACP.

In addition to the five (5) Municipal fire hydrants installed along the north side of Commercial Street, adjacent to the IMT site, the private fire water supply system on the IMT site has been updated such that nine (9) fire hydrants and three (3) standpipe connections, which are supplied from the Municipal system, are dispersed throughout the IMT. The three standpipe connections are located along the length of the railroad loading area. Due to space constraints associated with large equipment used to load containers on the rail cars, along with ensuring adequate protection from damage, it was not possible to site hydrants within this area. The standpipes are connected to the remainder of the fire water supply system via a post indicator valve (PIV) that is located adjacent to the west access road from Commercial St. The location of the hydrants and standpipes is intended to maximize the ease of access to firefighting water from all points within the IMT site. Equally, the specified clear space that is to be maintained between all container storage areas has been designed to facilitate the ease of movement and operation of firefighting vehicles within the IMT. The locations for all fire hydrants and standpipes, including the standpipe's PIV, throughout the IMT are indicated on Attachment 1. Although Attachment 1