



## **Medicine Hat Fire Service**

Fire Prevention Branch  
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### **Waste Oil Storage Tanks (WST)**

#### **Information Required on Submitted Drawings**

One set of drawings stamped and signed by an engineer licensed to practice in the Province of Alberta – Alberta Fire Code Division “C” 2.2.3.1. for all tanks over 230 litres; inclusive of all piping and transfers systems requiring excavation. Unless otherwise specified all references are to the Alberta Fire Code 2006.

#### **The following should form all or part of the submitted drawings**

|                         |  |
|-------------------------|--|
| Overall Site Plan       | Showing the site relative to adjacent streets and buildings.   |
| Tank Sections & Details | Distances, tank size, product, foundation, collision protection, vent rack, static protection, spill containment |

#### **General Information to be included on the drawings or attached documents;**

1. List of applicable codes and standards, product and tank size.

**Note: All drawings need to be complete & submitted no later than 30 days prior to the intended project start date. This will ensure there are no delays.**

#### **Detailed Check Sheet for what the Medicine Hat Fire Service requires on all drawings.**

- |   |  |
|---|--|
| <input type="checkbox"/> Distance to property lines, buildings, propane tanks, adjacent tanks | AFC 4.3.2.<br>AFC 4.3.2.2.<br>AFC 4.3.2.3.<br>AFC 4.3.7.4. |
| <input type="checkbox"/> Collision protection (type and spacing)                              | AFC 4.3.3.4.   |
| <input type="checkbox"/> Vent location & height (including emergency vents)                   | AFC 4.3.5.2.   |

- |   |  |
|---|--|
| <input type="checkbox"/> Piping & transfer systems, schematic drawing<br>(listing the standards piping is designed to meet,<br>c/w with identification as per CPPI standards) | AFC 4.3.1.7.<br>AFC 4.5.2.1.<br>AFC 4.5.3.1.<br>AFC 4.5.4.1.<br>AFC 4.5.5.2.<br>AFC 4.5.6. |
| <input type="checkbox"/> Spill control when filling and removing product  | AFC 4.1.6.1.<br>AFC 4.3.7.1.   |
| <input type="checkbox"/> Fire Department access   | AFC 4.3.2.4.   |
| <input type="checkbox"/> Secondary containment to be used   | AFC 4.3.7.   |
| <input type="checkbox"/> Tank support detail for the tank   | AFC 4.3.3.1.   |
| <input type="checkbox"/> Overfill protection device or warning system<br>(if applicable)  | AFC 4.3.7.4.   |
| <input type="checkbox"/> Bonding and grounding details (inside buildings)   | AFC 4.3.12.10  |
| <input type="checkbox"/> Valve details c/w identification as per CPPI<br>standards  | AFC 4.5.7.<br>AFC 4.5.7.6.   |
| <input type="checkbox"/> Connections for filling and emptying<br>(fixed suction tube for product removal)   | AFC 4.1.8.3.   |
| <input type="checkbox"/> Portable extinguishers   | AFC 4.5.10.4.  |
| <input type="checkbox"/> Applicable placards on 2 sides (No Smoking, Ignition Off)  | AFC 4.3.1.7.   |

**Once Complete all documentation needs to be submitted to the Medicine Hat Fire Service for Review. Failure to include items on this checklist may result in delays to the permit process.**

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