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| **Department:** | **Public Works** | **Area:** | **Roads** |  |
| **Subject:** | **Hot Box Truck Unit - 408 Safework Procedure** | | |

**SAFEWORK PROCEDURE – Hot Box Truck Unit 408**

**Background:**

The hot box truck is for doing multiple small paving jobs over a day or so and keeping the asphalt hot. It is a two man operation at all times. The truck can also be used for sanding and/or salting and ploughing when needed.

**Hazards:**

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| * Burns | * Falling | * Auger in the hot box |
| * Propane | * Traffic and pedestrians | * Exposure to smoke |
| * Tiger torch |  |  |

**PPE Required:**

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| * Safety boots | * Gloves | * High visibility vest | * Eye protection |

Pre Set-up:

* 408 is plugged into a 220V breaker located on a pole behind its parking spot
* When it is plugged in and the truck has no mix onboard, the temperature is kept at 100o C
* When loaded, the temperature is kept at 260o C
* Must be plugged in every night when in use, mix or not
* Electrical control panel is located at left rear side of hotbox
* To unplug the electrical, turn switch off first then turn the plug to the left; pull out and hang up on pole rack off of the ground, then turn on the propane burner
* Do a pre-trip on truck, then hot box making sure to check propane tank.
* Check for all required tools:

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| * roller * jack hammer | * blade compacter | * cones | * rakes | * shovels | * tac |

* check diesel for spray gun and level of thermal oil used to keep the box hot

Procedure:

* When doing a job, set up a safe work zone or use flagging personal when needed
* Park the truck in a manner to aide your safe work zone
* When working on a hill, park the truck below you facing down hill
* Controls for operating the box auger are at the rear of the truck as well as the shoot where the mix comes out. They are well marked for easy usage
* Always clean up worksite before leaving the job
* If box is empty and not going to be used for mix again that day, run rags through the auger by opening the top doors on the box and climbing up to reach, throw in the rags.
* If a shovel is used to help make sure not to drop or stick shovel in auger, if so, turn auger off immediately
* If you have to go into the box, make sure the truck is turned off and keys are out of the ignition
* Have co-worker watch you at all times when inside the box

Post Procedure:

* When parking the truck, back into parking spot carefully and don’t get too close to the pole
* Make sure to turn propane burner off before plugging in electrical.
* Plug the truck into the 220V making sure to push and turn plug to the right and hang cord up off the ground out of the way.
* Turn electric switch on. Set the heat to electric and adjust temperature to 100o C when empty or 250o C when there is material on board

Summary:

* Operator of truck must have propane and dangerous goods tickets
* Safe work zone used
* Make sure operator understands procedures
* Always have a co-worker present
* Must be trained by a competent operator

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| **Revised:** | **Approved by: Brian Denbigh** |  |