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Safe Work Procedure

Job: PW-2.1 Asphalt Repair & Crack Sealing Location: Public Works

Personal Protective Equipment Required:

Safety Glasses, Disposable coveralls, High Visibility Vests, Gloves, Hearing Protection, Safety Shoes

Asphalt crack sealing operations requires the use of the LeeBoy Tack distributor which heats the HC150S Liquid Emulsion, water based tar using propane. An onboard propane torch is used to preheat the emulsion to 50-70 Deg. F and to bring it to the operating temperature if 140 deg. All applications are to be done in the *right* hand lane moving behind the crack blowing unit.

Hazards:

1. Extremely hot tar emulsion
2. Moving work units with workers in between
3. Passing traffic & pedestrians
4. Hot weather conditions

Operating Procedure:

1. Ensure all hoses are in good condition and spray nozzle is clear and working properly.
2. Make sure motor is running smoothly.
3. Never touch the hot reservoir and always wear gloves when handling hoses and nozzles or any other equipment touching the distributor.
4. Watch for spraying oil and back splashing oil, always point nozzle away from body parts or other workers.
5. Drivers of truck and loaders to move units slowly and stay alert to position of workers and passing traffic.
6. Follow all safe work procedures for propane gas cylinders and torches.
7. Use a spotter when backing up.
8. If moving the operation a substantial distance without continued work, the nozzle operator and workers should secure all hoses and equipment, enter the cab of the truck and put on the available seatbelts.
9. NEVER ride in the truck box if a seatbelt is available.
10. If all seatbelts are used, then a worker may ride in the truck box, sitting on the truck bed, with their back against the cab only. Truck speed not to exceed 40 k/h. NO riding on fenders or tailgate.
11. During hot weather, be sure to drink plenty of water, and watch each other for signs of heat related stress and sickness.
12. All operations should use proper signage on front and rear vehicles to warn public of work. Discontinue operations when pedestrians are near or traffic is passing.
13. Loader operator is to maintain a bucket height that gives clear visibility of workers in front.
14. Do not move suddenly or raise or lower bucket without accounting for all workers first.

Committee Co-Chair

Safety Officer

Date: _____
.1 revision June 25,10