INTERIOR SANITARY SEWER CLEARING SAFETY OPERATING PROCEDURE

APPLICATION

Safe clearing of a clogged interior sanitary sewer line.

SPECIAL INSTRUCTIONS

1. Wear Nitrile safety gloves under leather safety gloves.
2. Wear eye protection (safety glasses and a full face shield).
3. Drain-opening machine training is required if the job demands it.
4. Face shields and rubber gloves are required for work on chemical hoods and cabinets.
5. Technicians should exercise extreme caution when operating a mechanical drain-opening machine. Whenever possible, there should be two technicians present when using the machine.
6. Under no circumstances should a technician attempt to lift the machine alone or to operate the machine when the cable is difficult to control.
7. Workers must have EHS0735—Bloodborne Pathogen Training.
8. Workers must have current Hepatitis B shot (check with Medical x6266).
9. Workers must wear full Tyvek protective suits.
10. Use hearing protection as necessary.
11. Validate that the building is not subject to hazardous contamination in accordance with EH&S Active Radiological Work Locations Map and Legacy Radioactive Material Locations Buildings With Known or Suspected Radioactive Materials: radiation, mercury, etc.

WORK STEPS

1. Notify building manager that the work is being done and how long it will take.
2. Restrict entry into the area. If it is not practical to restrict entry, cordon off a safe distance from the work being performed.
3. Secure facilities as necessary and post notices. See OPER-045, "Lockout/Tagout."
4. If work is to be performed on a chemical hood or cabinet, refer to OPER-077, "Chemical Hood and Cabinet Safety Procedure," and **carefully follow the instructions**.
5. If a mechanical drain-opening machine is required, go to Step 7; otherwise, continue.
6. Clear drain with plunger and/or hand auger. Go to Step 13.
7. Ensure that the mechanical drain-opening machine is properly grounded, with a ground fault circuit interrupter (GFCI) installed.
8. Put on Nitrile gloves under leather safety gloves and eye protection (safety glasses and a full face shield).
9. If access to the source of the problem is restricted, or if there is difficulty in controlling the cable, obtain assistance. Remote use of a snake is dangerous, due to the exposed length of the cable.
10. If it is necessary to lift the machine, use a truck-mounted hydraulic crane. If a truck-mounted hydraulic crane is not available or access is not possible, obtain assistance. **Do not attempt to lift the machine by yourself.**

11. Clear the drain with a mechanical drain-opening machine.
12. Clean the machine, and oil the cable.
13. Notify the Building Manager that the work is complete.

REFERENCES

OPER-045 Lockout/Tagout.
OPER-077 Chemical Hood and Cabinet Safety Procedure.

RESPONSIBILITIES AND CONTROLS

Provide signature lines as follows:

REV NO.	SME/Title	REV/Title	APPROVED/Title	DATE	EFFECTIVE DATE
1	William Mattson Facilities CSG Mechanical Services Supervisor	Michael Dong Facilities Utilities Manager	Dennis Nielsen Facilities SP Department Head	5/29/09	6/1/09

Jim Murphy
Facilities Immediate Maintenance Supervisor