Concrete Mixing

DO NOT use this equipment unless you have been instructed in its safe use/operation and have been given permission.

PPE and General Precautions



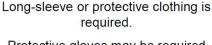
Safety glasses must be worn at all times in work areas.



Appropriate footwear with closed-toe must be worn.



Long and loose hair must be contained or constrained.



Protective gloves may be required.

Hearing protection and N95 masks should also be considered. No loose clothing/dangling jewelry. Be aware of SDS for additives (cement, admixtures, etc.), potential for skin irritation, inhalation risks.

NO FOOD OR DRINK PERMITTED NEAR EQUIPMENT

Task Checklist

- Wear proper PPE (loose clothing should be avoided) and work with a partner.
- Verify electrical cord is in good condition, do not use if insulation is damaged.
- 3. Use GFCI protection and do not allow electrical cables to be in water or get the electric motor wet.
- Keep the work area clear of unnecessary equipment to reduce tripping or other hazards.
- Keep body parts away from rotating drum or any moving parts of the mixer.
- 6. Be mindful of putting materials into the mixer in a way that minimizes dust.
- Be aware of proper lifting techniques and your personal load limit when lifting materials.
- 8. Do not leave the mixer running unattended.

Cleanup

- 1. Thoroughly clean the mixing drum inside and out with water to remove all residual materials.
- You might have to use tools to help loosen up the material stuck to the paddles (with mixer off!).
- Clean the work area and all tools used so that no residual material remains.
- Allow tools to air dry before returning to the correct storage location.
- 5. Put away any reusable PPE and make sure it is clean. If PPE is damaged, notify Lab Manager for replacement.

Potential Hazards

- Chemical exposure on skin
- Noise
- Eye injuries
- Dust
- Rotating machinery

- Electrical shock
- Manual handling
- Skin irritation from cement or additives