

## Instruction Sheet

### Use and Maintenance of a Laboratory Burette

To ensure the accurate, safe, and reliable use of a laboratory burette for dispensing precise volumes of liquid.

Inspect for cracks/leaks. Rinse with distilled water, then rinse with the solution to be used.

Clamp vertically, fill above zero, remove air bubbles from the tip, adjust to starting level and read the meniscus at eye level.

Dispense slowly, especially near the endpoint. Record initial and final readings.

Empty safely, rinse immediately with deionised water, wash with laboratory detergent if required, and air dry.

Inspect regularly, ensure stopcock operates smoothly, lubricate glass stopcocks only if appropriate, replace damaged components.

Store clean, dry, protected from damage, with stopcock open if recommended.