The Embroidery Operator is responsible for setting up, operating, and maintaining embroidery machines to create decorative patterns or logos on fabrics and garments. This role ensures the quality of the embroidery work, adheres to design specifications, and maintains efficient production while following safety and quality standards.

**Key Responsibilities:**

1. **Machine Setup and Operation:**
   * Set up and operate embroidery machines, including multi-needle and multi-color machines, to stitch designs on fabrics.
   * Load design files into the machine, ensuring accurate placement and alignment on fabrics.
   * Adjust machine settings such as stitch length, tension, and speed according to design specifications.
2. **Design Interpretation:**
   * Interpret and prepare embroidery designs from artwork or digital files.
   * Ensure the design fits fabric type and style while meeting customer specifications.
   * Select appropriate threads, colors, and fabrics for each project.
3. **Quality Control:**
   * Monitor machine operations to ensure designs are executed precisely and consistently.
   * Inspect finished embroidery for defects such as misalignment, skipped stitches, or thread breakage.
   * Conduct sample tests and make adjustments to ensure color matching and design accuracy.
4. **Maintenance and Troubleshooting:**
   * Perform routine maintenance, cleaning, and lubrication of embroidery machines.
   * Troubleshoot and resolve machine malfunctions, including thread breaks, tension issues, or design file errors.
   * Replace needles, threads, and other machine parts as needed.
5. **Material Handling:**
   * Prepare fabrics and garments for embroidery, ensuring proper hooping and tension for even stitching.
   * Cut and trim excess thread after embroidery is completed.
   * Ensure proper handling and storage of finished products to avoid damage.
6. **Safety and Compliance:**
   * Follow safety protocols, especially when handling sharp tools or operating machinery.
   * Ensure compliance with environmental and workplace safety regulations.
7. **Documentation and Reporting:**
   * Maintain accurate records of production runs, materials used, and machine settings.
   * Report any issues or delays to the supervisor and document production details for future reference.

**Qualifications and Skills:**

1. **Education:**
   * High school diploma or equivalent; technical training in embroidery or textile manufacturing is a plus.
2. **Experience:**
   * Previous experience in embroidery machine operation is preferred, especially in a textile or garment production environment.
3. **Technical Skills:**
   * Proficiency in operating and troubleshooting embroidery machines.
   * Knowledge of different stitch types, thread types, and fabric characteristics.
   * Basic knowledge of design software (e.g., Adobe Illustrator, Wilcom) is an advantage.
4. **Personal Attributes:**
   * Strong attention to detail and precision in following design specifications.
   * Ability to work independently and as part of a team.
   * Good problem-solving skills and the ability to troubleshoot technical issues.

**Working Conditions:**

* Work in a textile or garment manufacturing environment with exposure to noise from machinery.
* Requires standing for long periods and performing repetitive tasks.
* May involve working with small needles, threads, and other equipment, so attention to safety is crucial.
* Potential for shift work, including nights or weekends, depending on production demands.