The Knitting Operator is responsible for operating and monitoring knitting machines to produce high-quality fabrics according to specifications. This role involves machine setup, process monitoring, quality checks, and basic maintenance, ensuring efficient production while adhering to safety and quality standards.

**Key Responsibilities:**

1. **Machine Operation:**
   * Set up and operate knitting machines to produce fabrics as per production requirements.
   * Load yarns and adjust machine settings, including tension, speed, and needle configuration.
   * Start and stop machines as needed to ensure proper operation.
2. **Process Monitoring:**
   * Monitor machine performance to identify irregularities such as dropped stitches or broken yarns.
   * Make adjustments during production to maintain fabric quality and minimize defects.
   * Notify the supervisor of persistent machine issues or significant production problems.
3. **Material Handling:**
   * Load yarns and ensure they are properly threaded into the machine.
   * Check yarn consistency and replace spools as needed during production.
   * Handle finished fabrics carefully to prevent damage during removal and transport.
4. **Quality Assurance:**
   * Inspect fabrics during and after production for defects, such as uneven knitting or color inconsistencies.
   * Maintain fabric width, density, and texture as specified in production guidelines.
   * Report defects to the supervisor and assist in implementing corrective measures.
5. **Basic Maintenance:**
   * Perform routine cleaning and lubrication of knitting machines to ensure smooth operation.
   * Replace needles, sinkers, and other small machine parts as needed.
   * Assist the maintenance team with more extensive repairs when required.
6. **Record Keeping:**
   * Maintain accurate records of machine performance, production output, and material usage.
   * Report production data and issues to the supervisor for review.
7. **Safety Compliance:**
   * Follow all workplace safety protocols, including the use of personal protective equipment (PPE).
   * Ensure proper handling of equipment and materials to prevent accidents or injuries.

**Qualifications and Skills:**

1. **Education:**
   * High school diploma or equivalent is preferred.
   * Technical training in textile manufacturing or machine operation is an advantage.
2. **Experience:**
   * Previous experience operating knitting machines is highly desirable.
3. **Technical Skills:**
   * Proficiency in operating various types of knitting machines, such as circular or flatbed knitting machines.
   * Basic understanding of yarn properties and their impact on knitted fabrics.
   * Ability to troubleshoot machine issues and perform minor repairs.
4. **Personal Attributes:**
   * Strong attention to detail and precision.
   * Ability to work independently and meet production deadlines.
   * Good communication and teamwork skills.

**Working Conditions:**

* Work in a textile manufacturing environment with exposure to noise and moving machinery.
* Requires standing for long periods and handling materials weighing up to 20 kg.
* May involve shift work, including nights and weekends, depending on production needs.

Knitting Operators are essential in ensuring the efficient production of high-quality fabrics, contributing to the overall success of textile manufacturing processes.