Digital supply chain technician

Tracks the flow of materials from arrival to the production line with digital logistics tools, so production keeps running without delays.



REQUIRED COMPETENCES

Score out of 10 · highlighted bars mark the top score (10)

Human-centric collaboration skills 8
Works with warehouse staff, drivers and production teams

Green skills and sustainability awareness 7
Reduces material waste and optimises storage space

Digital fluency and critical thinking 10
Tracks materials in real time with tablets and scanners

Logic thinking and problem-solving 8
Finds quick solutions when materials are missing

Adaptability and resilience 8
Adjusts to schedule changes and delivery delays

Emotional intelligence and empathy 6
Stays calm and clear with stressed operators

Multicultural teamwork and conflict management 6
Works with diverse logistics teams and truck drivers

Creativity and innovation 6
Suggests better storage layouts for faster scanning

Digital ethics and responsibility 8
Enters inventory data accurately, never skipping scans

Ethical awareness and professional responsibility 9
Follows safety and tracking rules to prevent accidents

DAY-TO-DAY TASKS

1. Scan incoming materials with RFID or barcode readers
2. Update digital inventory dashboards for production
3. Prepare and route material kits for the next shift
4. Locate misplaced pallets with tracking software
5. Guide forklift operators to the correct storage racks
6. Run quick digital stock checks against system records

CHALLENGES

1. Handling delivery delays that disrupt production
2. Finding items a previous shift forgot to scan
3. Keeping data accurate in a noisy, busy warehouse
4. Balancing physical checks with tablet updates
5. Adapting when production suddenly changes materials

CAREER OPPORTUNITIES

Step up
Warehouse supervisor
Inventory planner
Logistics coordinator

Move sideways
Purchasing
Production planning

Upskill in
Automated guided vehicles
AI-driven supply chain software

Long term
Industrial supply chain management

ALIGNMENT WITH PROCESS INDUSTRIES

Fits all 8 sectors

- ✓ Chemical & petrochemical
- ✓ Pharmaceuticals
- ✓ Petroleum refining
- ✓ Mining & metal production
- ✓ Mineral & material industries
- ✓ Forest industries
- ✓ Food & beverage
- ✓ Utilities

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Lead partner for this avatar: **TIHC**

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