

| Competencies Master List | QC CHEM | QC MICRO | MANUF UP | MANUF DOWN | MAINT |
|--|---------|----------|----------|------------|-------|
| Regulatory, Safety, and Environmental Compliance | | | | | |
| Safety | | | | | |
| Understand and apply basic methods for the safe handling, transport, and storage of biological and chemical materials. | x | x | x | x | x |
| Understand and apply basic methods for handling hazardous waste. | x | x | x | x | x |
| Understand and apply Lock-out/Tag-out and line breaking procedures. | x | x | x | x | x |
| Understand Fall protection (heights). | x | x | x | x | x |
| Understand and apply Confined space entry methods. | x | x | x | x | x |
| Understand and use Personal Protective Equipment as required. | x | x | x | x | x |
| Understand the purpose and procedures associated with Safety audits. | x | x | x | x | x |
| Understand and apply OSHA regulations. | x | x | x | x | x |
| Understand basic disinfection and sterilization methods. | x | x | x | x | x |
| Participate in emergency drills and response teams. | x | x | x | x | x |
| Identify hazards in the workplace. | x | x | x | x | x |
| Identify spills/leakages. | x | x | x | x | x |
| Identify emergency equipment. | x | x | x | x | x |
| Understand and locate information in an MSDS. | x | x | x | x | x |
| Understand different biosafety levels. | x | x | x | x | x |
| Understand rationale behind machine grounding and use of fail-safe devices. | x | x | x | x | x |
| Environmental | | | | | |
| Understand environmental regulations and plant waste processing systems. | x | x | x | x | x |