

## ✅ Employee Guidance and Safety Railing Compliance Checklist

### 1. General OSHA Compliance

- Railings placed in aisles/passageways to protect employees (OSHA **1910.176**)
- If used as fall protection → meets **1910.28 & 1910.29** requirements:
  - Top rail height: **42 in ± 3 in**
  - Mid-rail halfway between top rail and floor
  - Must withstand **200 lb** force outward/downward
- Barriers protect from contact with machines/vehicles if applicable (**1910.212**)
- Installation does not create tripping hazards (General Duty Clause)

### 2. ANSI Best Practices

- Complies with **ANSI A1264.1** (Safety for Walking/Working Surfaces)
- Railings clearly separate pedestrian and equipment traffic
- Minimum 36 in clearance for walkways (OSHA & ANSI guidance)
- Smooth, continuous railing with no sharp edges

### 3. Food & Pharmaceutical Standards

- Constructed from **304 or 316 stainless steel** (corrosion-resistant)
- Surfaces are **smooth, polished (No. 4 finish or better)** for cleanability
- Welds are ground and polished; no crevices that trap debris or bacteria
- Compatible with **CIP (Clean-in-Place)** or manual washdown processes
- Meets **FDA cGMP** requirements for sanitary design
- Aligns with **3-A Sanitary Standards** or **EHEDG guidelines** (Europe)

### 4. Installation & Safety

- Securely anchored to floor with hygienic bases (no exposed threads)
- Proper spacing: railings guide traffic without blocking emergency egress
- End caps sealed to prevent water ingress
- Adequate lighting and marking for visibility in walkways

### 5. Documentation

- Material certifications (stainless steel grade, surface finish)
- Cleaning and maintenance procedures documented
- Installation drawings and OSHA/ANSI compliance statement provided

✅ This checklist makes it easy to show clients, inspectors, or auditors that your **employee guidance railings** meet both **safety** and **hygienic design** standards.