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 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 is general guidance, and the customer should confirm compliance for their site.