

BT Complex Fall Protection Equipment Field Inspection Guide

Examples of When to Reject Equipment

Part to Inspect	Damage to Look for	Rejection Criteria
Harness - Critical parts such as lanyards, shoulder or leg straps	Holes & burns	<ul style="list-style-type: none"> • Larger than 1/16" diameter • Or more than two holes on the same strap.
Harness - Less critical components such as chest straps or wear pads	Holes & burns	<ul style="list-style-type: none"> • Greater than 1/4"
Harness - Webbing	Cuts	<ul style="list-style-type: none"> • If webbing has cuts exceeding 1/8" in length
Harness - Webbing	Stitching	<ul style="list-style-type: none"> • More than two ripped or cut stitches, within the same stitch pattern
Harness & Anchor Straps – Webbing	Heat Exposure	<ul style="list-style-type: none"> • Review brown, hard areas; large concentrations or brittle areas are grounds for rejection.
Harness & Anchor Straps - Webbing	UV Exposure	<ul style="list-style-type: none"> • Discoloration and the presence of splinters or splivers (Chalking)
Harness & SRL - Webbing and Metal parts	Weather Damage	<ul style="list-style-type: none"> • Rust staining on webbing • Excessive rust, pitting or corrosion that prevents free movement
Harness & SRL - Webbing Fall Indicators & Shock Packs	Stitching	<ul style="list-style-type: none"> • Any rips or cuts involving the fall indicator or shock pack
Harness & SRL - All	Cleanliness	<ul style="list-style-type: none"> • General dirtiness Ok as long as it does not impede the movement of moving parts such as buckles, D-rings, etc. • If contaminated with oils or other fluids, consider rejection if the product could attack the fibers of the webbing
Harness & SRL - Labels	Missing or Illegible	<ul style="list-style-type: none"> • Labels are missing or are not legible
Harness & SRL - Life Expectancy	Beyond Serviceable Life	<ul style="list-style-type: none"> • Life expectancy for DBI-SALA products is as long as unit passes inspection • Miller recommends a maximum of five (5) years from the date the unit is put in service
SRLs – Lifeline	Lifeline Inoperable	<ul style="list-style-type: none"> • Lifeline must extend and retract smoothly without hesitation or slack line condition • Pull sharply, lockup must be positive with no slipping
SRLs – Lifeline	Physical Damage	<ul style="list-style-type: none"> • Lifeline must not be damaged. Reject if cuts, chemical damage or severely abraded areas are present.
SRLs – Housing & Anchor	Physical Damage	<ul style="list-style-type: none"> • No loose screws or signs of physical damage • No cracks, distortion or bent parts
SRLs – Miller Twin Turbo	Missing Safety Features	<ul style="list-style-type: none"> • Anti-Tamper clip must be installed on unit, reject if missing
Hooks & Carabiners	Physical Damage	<ul style="list-style-type: none"> • No cracks, sharp edges, burrs, dents, bending or distortion. No deformities.
Hooks & Carabiners	Excessive Corrosion	<ul style="list-style-type: none"> • Gate and lock must operate smoothly w/o difficulty
All Equipment	Improper Type	<ul style="list-style-type: none"> • Must be ANSI Z359-2007 equipment, hooks must have 3600# minimum gate rating
Anchor Straps <i>(Also see Chemical and UV damage above for web type straps)</i>	Visible Damage	<ul style="list-style-type: none"> • No frays, cuts, broken fibers, tears, abrasions, mold or discoloration allowed • No knots, excessive soiling, heavy paint buildup or rusting staining(web type) • Pulled or cut stitches

NOTE: Refer to respective Manufacturer's Instruction Manual for more Information