
Chapter VII – System Damage by Other Means

Damage to fall protection systems can happen in many ways. Outside of normal wear and tear the most common causes of damage and repairs are:

- Users attaching the connecting device to mobile equipment such as trains, trucks, and heavy equipment. A pull on the system by one of these means will surely result in broken lanyards and travelling devices, as well as overextending the forces allowed on the anchor points.
- Other moveable devices, cranes, jibbooms etc. coming into contact with the fall protection system. This can cause deformation of critical components that allow the system to operate continuously and smoothly.
- Hazardous environments. Areas such as fertilizer and chemical storage facilities can prematurely wear the components of the fall protection system. This is why regular and annual inspections are so important to prevent a small issue from becoming a larger problem where the safety of the users comes into questions.