WHAT IS HEIGHT SAFETY?
Height Safety is the system that prevents people from injuring themselves whilst working at height. The goal of a height safety is to develop a standard practice whereby businesses and individuals can rest assure that they are safe to carry out services from any height.

Are there different kinds of Height Safety Systems?
There are many different kinds of Height Safety Systems. Height Safety Systems can be static lines, vertical lines, rail systems, and anchor points. Access ladders, Access walkways, Access cages are other forms of height safety as well.

How do I know what is the best Safety System for my facility?
It depends on where you are working really. There are so many variables, so it is hard to say exactly what kind of height safety system is needed. Because of this, Northstar Technical Services provides a Height Safety Audit complimentary to diagnose your height safety needs.

Static Line Systems:
Northstar Technical Services utilizes fall protection systems that can be fitted both horizontally and vertically to ensure maximum safety to New Zealand and Australian Standards. These products have been proven in a wide range of applications, including roofing systems, transport, industrial maintenance, building and façade maintenance, construction, telecommunications, electricity, utilities and public sector buildings for inspection work.

Horizontal lifeline systems sold in New Zealand and Australia are certified under New Zealand Australian Standards AS/NZS 1891. Traditional horizontal systems are either flexible anchor lines made from stainless steel cable or rope, or rigid lines made from extruded rail. All our HLL systems are installed by competent personnel who have been fully trained with the equipment manufacturer. As per New Zealand and Australian Standards, HLL should be inspected every 12 months to ensure system integrity.

Rail Systems:
Northstar Technical Services can create custom solutions for modern building projects using aluminum rail fall protection systems that are robust for any project completed "at height". Rail Systems are one of the best alternative with optimal and ensured safety.

Perfect Place for a Rail System:
- Façades
- Cranes
- Roof Tops
- Walkways at Height (ie: Workshops with manufacturing belts – see picture)
- Overhead Structures
- Sign Rail Systems
- Bridges

Who needs a Rail System?
People looking to carry out façade maintenance, people working on cranes, water companies, boats, wind turbines. It really depends on your application or your needs. To find out if a rail system is suitable for you, feel free to call Northstar Technical Services and we can help assess whether or not it is a good fit for you.

Why use a Rail System?
Benefits of Using a Rail System:
You can span long distances.
- Very effective in industrial height safety applications, where limited ground clearance
- Safe Access to the Roof
- Narrow walkways would adversely affect user safety considerations
- Where significant distance between the working platform and the anchorage system would affect functional
- For small fall arrest safety installations.

The goal of a rails system is to travel smoothly along the entire length of the rail allowing the user to move up and down, across or below the rail and/or the ladder, and to not snag or resist one’s motion. A rail system allows the user the freedom to move about with complete freedom as the rail provides a fixed, stable asset.

In the event of a fall, it minimises fall distances and load forces on the user. Additionally, the system provides ample foot space but gives workers freedom of movement. Rail Systems can be overhead, on the ground, or on ladders.

**ANCHOR POINTS**
Northstar Technical Services chooses from a range of height safety force management anchors based on the precise requirements of the project. Safety is always the top priority.

**Height Safety – Anchor Points**
**Looking for a QUICK, Cost Effective, Compliant Safety System?**

Anchor Points are the commonly used fall protection system in the workplace today. Anchor Points are installed at the top of your building to give a worker a safe point to attach to whilst carrying out maintenance tasks.

Anchor Points are often the most cost-effective and quickest to install solution that give you compliant, safe, reliable access for your at height building maintenance work. The down side of using Anchor Points is that they are not time efficient for the worker, which causes higher hourly bills. Workers should use double lanyards which don’t come supplied in standard roofers kits. They are good for abseil points; however, this which does require a worker to be a certified rope access technician and/or a worker to carry a rigging certificate.

Anchor Points require inspections every 12 months as per the New Zealand and Australian Standards.

**ACCESS SYSTEMS**
Northstar Technical Services is able to create custom systems to access all areas of facilities utilizing a wide range of ladders, walkways and handrail products.

**Height Safety – Access Systems Work being Done on Your Site for More than 2 Metres High?**

**IMPORTANT: It’s the Law You Need Fall Protection**

New Zealand/Australian regulation discusses provision and maintenance of physical restraints that are capable of arresting the fall of a person from a height of more than two meters. But this is only if it is not reasonably practical to provide control measures such as scaffold, perimeter screens, fencing or handrails.

**What is a Height Access System?**
A Height Access System is system that allows safe access to Rooftops, Facilities – which allows work to be carried out on air conditioners, roofs, plant and equipment.

**When is an Access System Needed?**
An Access Systems is needed when a Worker/Contractor needs to gain access to facilities’ Rooftops, Plant and Equipment. Examples of Height Safety Access systems approved and installed by Northstar Technical Services
- Ladders
- Ladder Brackets
- Walkways
- Handrails

Whether you need a roof leak fixed, an air conditioner unit repaired, or top of building aesthetics repaired straight away, an Access System will be required for any maintenance to be completed at the top of the building.

**ANCHOR TESTING AND RE-CERTIFICATION OF FALL PROTECTION SYSTEMS**
Northstar Technical Services are able to inspect, test and re-certify existing anchor systems. Anchor Points require inspections every 12 months as per the New Zealand and Australian Standards.