Collective and individual fall protection

Full body harness

Design Specifications
- National document of compliance (for harness), calculation sheet and reception by certified organization (for life-lines and anchorage points)
- Identification tag
- Safety harness, anchorage and anti-fall system have to be compliant with the use (type, capacity, …)
- Safety harness has to be stored in clean areas, dry and free of exposure to fumes or corrosive elements
- For risks of falling from a height of more than 4m (values depending on legal and Arcelor Mittal requirements), shock absorber is mandatory

Safety Work Instructions
- Workers have to wear the safety harness above 1.8m if no collective protection (values depending on legal and Arcelor Mittal requirements),
- Only workers trained in the used of safety harnesses should wear it.
- Workers need to have their medical check up to date
- An employee working with a safety harness, must never be working alone (need a safety watch)
- The work area must be clearly indicated
- The safety harness must be properly adjusted
  - **CHEST STRAP:** Should be positioned in the middle of your chest
  - **LEG STRAPS**: Should be snug, but not snug to the point that they obstruct normal blood circulation in the legs

Safety Checks
- Personal fall arrest systems must be inspected prior to each use for wear, damage, and other deterioration and a certified inspection must be done according to the manufacture's instructions and legal requirement. Defective components must be immediately removed from service.
- Fall clearance has to be check a priori

Anchorage point and life-lines

Net
- Collective protection, such as nets underneath the roof, are to be used at all times (unless a proper risk analysis clearly leads to the conclusion that would not be needed for the task at hand).

Main risks

OK   NO

Anti-fall systems

Required checklist before starting the work

☆Y ⊘N ☐NA **Is the people working at height (>1.8m) protected by a collective protection (values depending on legal and Arcelor Mittal requirements)?**

☆Y ⊘N ☐NA **If NO : are people wear with safety harness?**

☆Y ⊘N ☐NA **Are the safety harness, anchorages and anti-fall system compliant with their use?**

☆Y ⊘N ☐NA **Is the safety harness properly adjusted (chest and leg straps)?**

☆Y ⊘N ☐NA **If the risk of falling is more than 4m, is a shock absorber used (values depending on legal and Arcelor Mittal requirements)?**

☆Y ⊘N ☐NA **Are people trained on use and checking of safety harness, anchorage and anti-fall system?**

☆Y ⊘N ☐NA **Are safety harness, anchorages and anti-fall system in good condition?**

☆Y ⊘N ☐NA **Do people know that they have to check their material (above) before use?**

☆Y ⊘N ☐NA **Is the material tagged with an identification?**

☆Y ⊘N ☐NA **Is the demarcation to restrict access around the work area in place and adapted to the work?**

☆Y ⊘N ☐NA **Is a standby person present all a long the work and is he well trained on emergency procedure?**

☆Y ⊘N ☐NA **Has the fall clearance be checked (height and pendulum)?**

☆Y ⊘N ☐NA **Do the national document of compliance, document of legal maintenance, calculation sheet and reception by certified organization exist for the safety harness, anchorages and anti-fall system ?**

☆Y ⊘N ☐NA **Do people have their medical check up to date?**

This listed points are the minimum to be checked before starting the work.