Process and Engineering
Title: Working at Height
Location: Refinery
Activity Type: Maintenance
Result/outcome: Lost Time Incident

What Happened?
- A contractor worker engaged in roof sheet replacement at the warehouse shed slipped and fell down from a height of 20 ft. The person suffered fracture on his lower left foot.

What Caused It?
- Not anchoring the safety belt while working on the roof.
- Safety guidelines were not followed as specified in Job safety analysis.

Corrective Actions:
- Nobody should be allowed to walk on the roof sheet directly and should use cat walk ladder.
- Horizontal Fall Arrestor system / Lifeline should be made available for anchoring safety belt while moving on the roof top.
- Safety net should be used below the roof and tied properly with the vertical columns.
- The use of horizontal fall arrestors and the method of fastening the Safety belt to the life line to be taught to the work men engaged on the job. Separate training (with videos) sessions may be imparted exclusively to persons who are doing the Roof sheet replacement job where provision of anchoring the safety belt are limited.
- One Supervisor should be available at site and stand at the ground level wherever manual works are being done at height.
- Safety and Tool box talk to be conducted for workers on topics specific to the subject activity of the day.
- The Execution department should ensure that the Contractor complies with the requirements given in the Contractor Safety Guidelines and the Job Safety Analysis.

This alert is based on the Investigation report submitted by Refinery and published for information purpose only. This information should be evaluated to determine its applicability in your operations, to avoid reoccurrence of such incidents.