**TOOLBOX TALK – Falling Objects Near Misses Case study 1**

**Description of incident**:

Structure erection work was under progress at a height of around 20 meters. A tor steel rod (1/2” diameter a & 500mm length) was used for erection work.

After used the tor steel rod, kept on beam; suddenly one worker hand touched/hit the tor steel rod & it fell from 20 meters height.

**Root Cause of Incident:**

* Improper securing of loose objects.
* Restricting the entry of unauthorized personnel into the work zone.
* Poor supervision.

**Preventive action:**

* Barricading the bottom area and keeping a standby person at the barricading area to prevent unauthorized entry into the barricaded zone.
* Adequate and vigilant supervision.
* The activity shall be performed after implementing the mitigation measures as per HIRAC.
* Communication of job procedure along with the risks and its control measures to the workers in the toolbox talk.
* Doing housekeeping on a daily basis.
* Securing objects with binding wire/rope to the structure.
* Safety net shall be tied below the beam double layered (arresting men and material)
* All loose objects shall be removed from all floors of the technical structure.
* Metallic bin/jute/Gunny bag shall be used to keep loose materials.