



UNAUTHORISED EQUIPMENT OPERATION

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DESCRIPTION OF THE INCIDENT

- On a fine day, a crane was parked by operator on the closed road adjacent to site with outrigger left extended.
- Following that he returned the keys to the site security and left the site, as he usually to do so, believing that it will be safe and secured.
- On the same day, site in-charge found that he has some activity to complete before the shift ends where the crane had parked.
- Charge hand informed the rigger to communicate with crane operator and move the crane, as charge hand thought that crane operator was present at site.
- But the rigger without any authorization, he went to the security cabin to collect the crane key to retract the out rigger. By the instruction of the crane operator through phone communication.
- He retracts the out rigger and also he decided to move the crane to park in the designated area. In his attempt to remove the crane from the area it bumped into the worker's toilet breaking off the handrail of the toilet stairs.



DIRECT & INDIRECT CAUSES OF THE INCIDENT

- Unauthorized use of mobile crane
- Leaving the crane at the end of the shift in non-designated parking area .
- Lack of planning of work activity.
- Contributory negligence of use of equipment by Rigger
- Coordination/ Communication failure
- Unauthorized instructions from Crane Operator to Rigger.
- Poor Supervision

CORRECTIVE ACTIONS

- Crane or heavy vehicle to be parked at the end of each shift in the agreed designated area.
- Key for crane to be controlled by site security with log book on handing over to operator and also logged at time of return daily- OPERATOR ONLY
- Site Engineers to ensure that all activities are properly planned and proper information disseminated in time to ensure the area is free from obstruction.
- 24 hrs. contact details for Crane operator to be readily available for emergency contact.
- Emphasise in TBT and Induction that unauthorized equipment operation is not allowed at site and it is illegal.
- Any Other ?

LESSON LEARNT

- **Appropriate plan must be in place well in advance .**
- **Do not park any heavy equipment on a non designated area.**
- **After shift ends, key should be handed over the responsible persons.**
- **Communication protocol to be followed for any instruction.**
- **Illegal operation of equipment to be stopped, awareness to be conducted.**
- **Competent supervisor to be deployed.**
- **Any Other ?**



Thank
You!