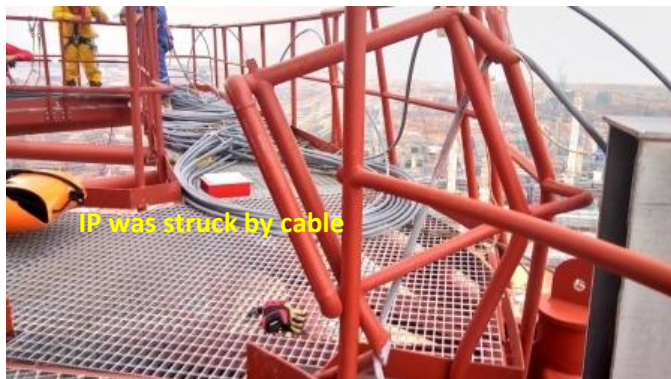


P-5 INCIDENT LESSONS LEARNT – 2018/03

Leg Injury – Restricted Work Case



Date / Time	6 January 2018: 11:00 hours
Type / Impact	RWC – Leg Fracture
Location	P-5 – Offsites Area 6420
Task	Aircraft Warning Light Installation

What Happened

A rigger sustained an injury to the lower left leg when he was struck by a steel wire rope (18 mm dia.) that whiplashed when the team (6 people) lost control due to the weight of the wire rope as they lowered it from the top level (140 m) of the flare stack.

CEFS was activated to assist with the rescue from height and the IP was referred to the CMF for assessment and x-ray. X-ray revealed a fracture of the fibula and tibial plateau and the IP was transferred to Regency Hospital for examination and treatment by the surgeon

What went WRONG

Underlying Causes

- Steel wire rope was too heavy for the team to manually lower to ground from 140 meter level.
- Rigging team did not follow planning by Engineer to use chain block to control lowering wire rope
- Three hour delay in mobilizing CEFS to assist with rescue
- Supervisor failed to ensure all tools and equipment needed for the job were available at the work area

Root Causes

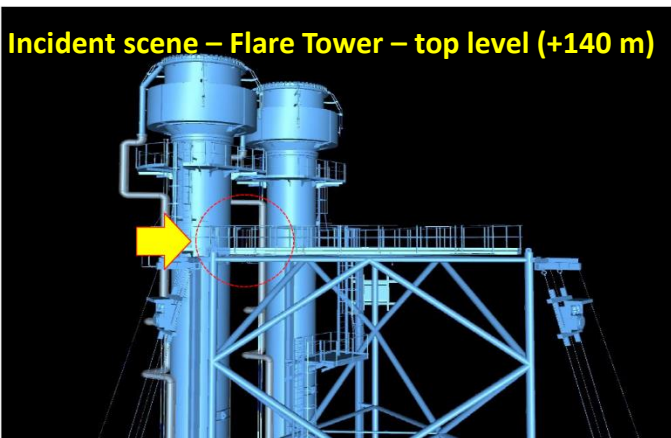
ORGANIZATION

Inadequate planning and risk assessment resulted in lack of control and management of events.

Lack of coordination resulted in nobody taking responsibility for supervising the work.

ERROR ENFORCING CONDITIONS

Substandard act was committed by the rigging crew who proceeded with the work even though they had no mechanical safeguard (Chainblock) as required by the Engineer.



Incident scene – Flare Tower – top level (+140 m)

What we can do DIFFERENTLY

Supervisors to personally check work areas to ensure necessary tools and equipment are provided.

Apply consequence management against persons who's non-compliance to requirements contributed to the incident happening

Improve communication devices (walkie-talkie instead of mobile phone) for ultra-high level activities

Prepare separate JMS and JSA for high risk activities