

Annual Report



sapia | South African Petroleum
Industry Association

Crane rescue

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Ammonia Cold storage tank Sasolburg



Crane Operators

OHS Act

National code of practice for the training providers of lifting machine operators

Types of cranes

Tower crane / Cantilever crane

Gantry Crane



Types of cranes

Warf crane

Ships crane



Sasolburg project

Visited the area

- Familiarize ourselves with the type of crane
- Access options
- Crane's capabilities / reach
- More than 1 crane, overlapping in reach
- Access / placement options for mobile crane
- Confirmed working heights to ensure rope lengths etc.
- Establish means of communication with site manager etc.
- Evaluated surroundings for vehicle placement, staging area etc.
- Helicopter options

Cradle/ man cage

- Does operator have the training to use/operate?
- Is the cage registered?
- Is it available – within reach?
- More than 1 operator available
- Crane available to lift cage

Rescue considerations

- Self-rescue – talk person down.
- Use same crane to lower person with cage.
- Use another crane to lower person with cage.
- Ropes with rescue stretcher.
- TL or HP
- Other

Learnings

- Invite construction team to be part of the planning, they have more experience, know their equipment and provide good guidance.
- Physical demanding work, limited workspace, time consuming, weather influences (strong winds/lightning.
- Always ask – what went wrong, why? How will that influence you rescue operations – Damage to crane, weather, fire, collapse.
- Will a second crane operator be available?