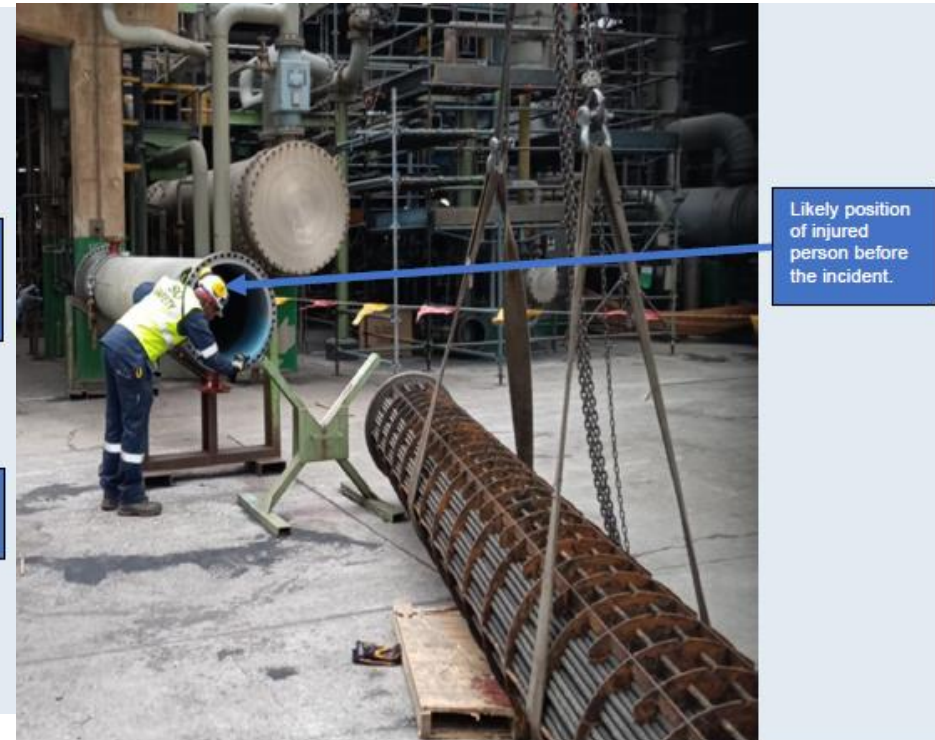


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A hired labour rigger was in the process of defining the centre of gravity of the load (lifting) to install a heat exchanger tube bundle into a shell. The load shifted and struck a service provider mechanical supervisor on the right side of the neck and face who was cleaning the shell flange face.



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1. Interfacing between different disciplines.

- a) Ensure all quality checks (part of the quality assurance program) are completed by the relevant disciplines, and that the equipment is ready for the next activity to commence.
- b) Establish clear communication between the different role players as to when and how interfacing activities should be executed.
- c) Ensure that all risks related to the activity are communicated and understood by all the role players.
- d) Coordinate all tasks effectively to prevent multiple tasks taking place at the same time.

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2. Effective use of barricading.

- a) Ensure that barricading is planned and executed according to the risk of the tasks being conducted.
- b) Maintain a safe working environment by only entering a barricaded area, if permission is granted by the person in charge of the lift / work area and it is safe to do so. A barricaded area shall not be entered into without permission.
- c) Ensure barricading is removed promptly on completion of the task.
- d) Individuals in charge of the work within the barricaded area, must stop the work or alternatively stop the individuals who enter the barricaded area without authorisation.

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3. Controlling the load during lifting operations.

- a) Select risk mitigating actions for the lifting of a load according to the risk of possible initial movement of the load.
- b) Be extra vigilant when defining the centre of gravity as the load may shift, always try and minimize the movement of the load.
- c) Consider using a warning device (whistle) where practical to indicate a lift taking place.

4. Recognise that you as an individual have a right to stop unsafe actions.

5. Clarify the accountability of trestle inspections for suitability for application and inspection compliance.

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END