



H S E

HEALTH SAFETY ENVIRONMENTAL



Alert #: SA 16-22

Date: June 10th, 2022

Crane Incident

Incident Description:

On the morning of Tuesday, May 31st, 2022, a sub-contractor for Grand Isle Shipyard, was conducting lifting operations at a customer's facility.

The sub-contract employees were lifting scaffolding material utilizing a 250 Ton Manitowoc 999 Lattice-boom Crawler crane. At the time of the incident, the crane was stationary and set atop several large timber mats. The mats were placed on limestone covered soil. The crane was located next to the facility's pipe line corrosion coupon area and adjacent to a landing for a stairwell.

At approximately 9:30 AM, the crane operator, designated signal person and rigging crew attempted a lift of material. During the lift, the crane swung counter to the direction of the stairwell landing. As the crane swung, the counter-weights of the crane contacted the stairwell causing damage. No injuries occurred to personnel and immediately after the incident occurred "Stop Work Authority" was utilized.

Factors leading to the Incident:

- The crew last utilized the crane (located in the same position) on Friday May, 27th, 2022. During this three-day time span, given the weight of the crane and recent weather conditions, the crane footing may have shifted.
- During the pre-job planning phase, the crew failed to check the complete swing radius of the crane prior to commencing work.
- During the commencement of the job scope, the crew failed to recognize the potential hazard area (stairwell) posed by the rotating superstructure and to mitigate the hazard appropriately.

Root Cause:

The operator, designated signal person and rigging crew failed to provide for adequate space for the crane footprint and tail swing (minimum of 2'-0" of clearance to all obstacles).

Recommended Actions to Prevent Future Occurrences:

Prior to commencing work, crew members shall preform a full swing radius check of any rotating superstructure ensuring that at minimum a 2'-0" clearance is maintained from any objects.



Report all incidents immediately to the GIS Hotline 1-855-543-5163.

SAFETY ALERT