100% Safe SHE Bulletin

Manual Handling Formwork

A falsework/formwork operative sustained a double fracture to his right ankle whilst carrying a 225mm primary beam from the formwork striking area to a laydown area.

The beam was 5.4m in length & weighed 47.9kg.The operative "turned" his ankle & fell over & the Titan beam landed on his ankle.

Learning Points

Everyone has the right to be

0% Safe

- The manufactures information gave the weight of the 225mm beams as 8.87kg/m rather than detailing the actual weight of the beam.
- The beams on site ranged from 1.2m (10.6kg) to 7.2m (63.9kg).
- The RAMS (inc MH assessment) for the installation & striking of the beams was generic & did not detail the weight of the beams or the means of moving, installing or striking them.
- At the time of the incident the IP was carrying the beam on his shoulder with no assistance from any one else.
- The operative was wearing slip on "dealer boot" type protective footwear which had an elastic gusset rather than laces.







Photograph of Incident scene

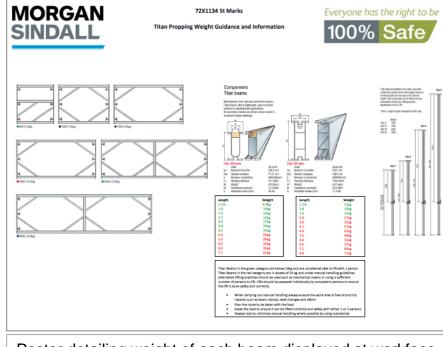
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Manual Handling Formwork - Post Incident Actions

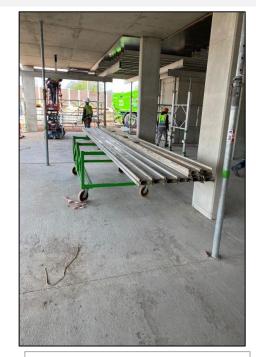


Beams stencilled to indicate individual or team lift



Poster detailing weight of each beam displayed at workface.

RAMS & MH assessments revised to detail weight of beams & controls to be implemented for handling, installing & striking.



Proprietary wheeled stillages provided for horizontal movement of beams.

Evervone has the right to be		-	
100% Safe	Reference	Issue Date	Display Until Date
	SHE-BUL-2021/006	07/07/2021	31/08/2021