

**Subject:** Hand Injury from dropped turbine blade.

**Date:** 06/03/2014

**Incident location:** Killingholme Power Station  
**Incident date:** 06/03/2014

## Incident Details

Alstom Contractors were on site at Killingholme to test fit 5<sup>th</sup> row power Gas turbine blades to the spare rotor as part of Humber outage work. Whilst putting a turbine blade (see figure 1 below) back in its transport box, the blade slipped through his hand, trapping right hand between blade and box. (Blade weighed approx. 24 kilos and dropped approx. 1 foot). The blades fit vertically into the storage box (as shown in figure 2 below).

First aid was administered on site and then the IP was taken (by a member of the Killingholme team) to the Princess Diana Hospital in Grimsby for treatment at A&E. After undergoing X-Ray's the following day no broken bones have been found. This incident may result in being RIDDOR reportable due to the IP being absent from work for over 7 days.

A stop has been put on the related work until a full review of the Risk Assessment is undertaken and new control measures put in place to prevent a reoccurrence.

A Safety stand down was held the following week at South Humber to talk about the event and give the reinforcement that everybody has the empowerment to STOP the job if they deem it unsafe.

## Attachments/Photographs



Figure 1



Figure 2

**For Further Information contact Dave Theakstone on:-**

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Spare Turbine Rotor

### Learning & Recommendations

- Full investigation to be undertaken into the cause of the injury.
- Suitable risk assessment and tool box talks should be undertaken prior to the task to identify the hazards and communicate to the work teams.
- Ensure that learning from the investigation is used in the review of the work risk assessment and method statement
- Share learning with contract partners to avoid a repeat of the accident.

SITE REVIEW EXPECTATION	Required
	✓ ✗
<b>Action:</b> Significant / HiPo event - actions are listed on Global CATS system	✗
<b>Action:</b> Consider "Learning and Recommendations" – if applicable at site, implement via local CATS system	✗
<b>Action:</b> Communicate safety alert/flash via cascade to relevant personnel or via HSE forum	✓
<b>Action:</b> For information / local consideration and awareness raising via site notice boards	✓
SITE REVIEW OUTCOME	
<b>No action required:</b>	
<b>Action required:</b>	

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