



LESSONS LEARNT

Wagon Derailment at Hoo Junction Depot

Lesson relates to a: INJURY EVENT
Lesson is: GOOD PRACTICE
Lesson categories: DESIGN
 IMPLEMENTATION
 LIFE SAVING RULES
 SAFETY ESSENTIALS

<input type="checkbox"/>	ENVIRONMENTAL	<input type="checkbox"/>	OPERATIONAL EVENT	<input checked="" type="checkbox"/>
<input type="checkbox"/>	SITE RULES	<input type="checkbox"/>	PROBLEM SOLVING	<input type="checkbox"/>
<input type="checkbox"/>	PLANNING	<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>	RISK ELIMINATION	<input checked="" type="checkbox"/>		



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Job Title SHEQ Advisor
Date 18th Nov 2013

Details of Problem / Good Practice

CONTRACT : Depot Incident

Balfour Beatty Rail Renewals Depot at Hoo Junction. During freight movements undertaken by DB Schenker 4 wagons derailed on road 3 causing substantial damage to the tracks and wagons themselves.

OVERVIEW OF THE EVENT

- On 6th November at 01:30hrs during a propelling movement undertaken by a DB Schenker, a loco hauling 18 wagons from the Staff Halt into Hoo yard sidings road No.3 a derailment occurred. The first 8 wagons to enter the sidings entered without any issues. The next 4 wagons derailed causing damage to the infrastructure and incurring substantial costs to the business of approximately £88,000.



UNDERLYING CAUSES

- Lack of maintenance to the sidings has led to poor track quality and a various track deficiencies.
 - decayed sleepers
 - non conforming joints
 - wide track gauge
 - bad top line
 - poor track formation
- Wagon number 17512 had an unevenly distributed load. This was the first wagon that derailed.



INITIAL ACTION TAKEN

- Full Terms of Reference issued, investigation team appointed and Ill investigation well under way.
- All joints at the depot being inspected and any identified issues being resolved.
- All decaying sleepers being changed.
- Technical resource reviewing top line throughout the depot, kango packing is ongoing and will improve overall track quality.