

SAFETY ALERT



AUSTRALIAN STEEL INSTITUTE
SAFETY GROUP

"Sharing incident learnings amongst ASI member companies"

"A vision of a safer steel industry"

Number:	SA0029
Subject:	Motor falls from overhead crane
Date:	October 2007

Incident:

A shaft snapped and resulted in a drive gear dislodging, which in turn resulted in the gear casing breaking. This caused a motor and the electrical connection to be dislodged. The gearbox motor then continued to fall approx, 6.5 metres to the factory floor. The weight of the gearbox is approx 25 kgs.

In the picture opposite. This motor fell to the ground. The broken pieces have been re-assembled to show how the motor fits together.



Key Lessons:

Crane maintenance contractors advised.
Investigation is continuing with corrective actions yet to be determined.

Recommendations:

Make this Safety Alert known and available to your crane maintenance team or contractors.

For further information please contact **Ian Cairns** – National Safety Group Co-ordinator:
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