

# INCIDENT ALERT

**LOCATION:** Mobile Plant  
**ACTIVITY:** Worker Involvement  
**SUB ACTIVITY:** N/A

**ALERT STATUS:** Normal  
**DATE ISSUED:** 24/07/08  
**INCIDENT No:** 00189

TITLE
Wheeled Loader Overturn
ACCIDENT / INCIDENT DETAILS
<p>An operator, of a Volvo L150F front end loader was fortunate to avoid serious injury following the overturn of his wheeled loader. On noticing a plant fault, which could have led to a potentially serious production delay, the operator had to quickly shut off the main feed conveyor. In order to do this, the operator had to travel a relatively short distance to a lower plant area, and activate a stop button. In the act of reversing, and manoeuvring to carry this out, a combination of events occurred which acted together to cause the wheeled loader to overturn:</p> <ul style="list-style-type: none"><li>?•The bucket, which had not been fully emptied, was in the process of being lowered as reversing and turning was taking place.</li><li>?•The section of road onto which the wheeled loader reversed had a cross fall gradient.</li><li>?•The reversing and turn manoeuvre was sufficiently severe so as to cause a toppling momentum due to a change in the centre of gravity.</li><li>?•The loader wheels travelled over the tapered end of the material bund.</li></ul>
ACCIDENT / INCIDENT IMAGES
LEARNING POINTS / ACTIONS TAKEN
<p>Given a combination of unsafe acts and unsafe conditions the potential for overturns is always present.</p> <ul style="list-style-type: none"><li>?•Has a traffic management risk assessment been completed to identify possible hazards associated with overturning i.e. slopes, edge protection, field drains, soft ground and gullies? Is this reviewed on a periodic basis?</li><li>?•Is the edge protection, suitable and sufficient? Are seat belts fitted and worn at all times? Are the site speed limits adhered to?</li><li>?•Do Injury Prevention tours identify unsafe practice? Do we discuss this with operators in order to influence a change in behaviour, attitudes and perception?</li><li>?•Is there a standard operating procedure, and equipment to facilitate emergency stopping and plant shut down?</li><li>?•Do our operators report poor conditions, or deteriorating conditions by way of hazard alert?</li></ul>
LEARNING POINTS / ACTIONS IMAGES