

INCIDENT ALERT

LOCATION: Other
ACTIVITY: Transport
SUB ACTIVITY: On-highway

ALERT STATUS: Normal
DATE ISSUED: 08/05/08
INCIDENT No: 00159

TITLE
Articulated Tipper Overturn
ACCIDENT / INCIDENT DETAILS
<p>An articulated tipper was delivering aggregate (dust) to a site, when the tipper section collapsed during discharge of the material. The tipper body fell onto an adjacent storage bay wall, which prevented the vehicle tractor unit from overturning. Whilst no person was injured, the site loading shovel was operating in the area when the collapse occurred. Damage was limited primarily to the trailer unit.</p> <p>Initial investigations indicate that the main cause of this incident was poorly loaded material at the supplying site. The load is believed to have been loaded more to the front and near-side of the tipper, causing the imbalance when the tipper ram was extended.</p> <p>Tipper overturns are not uncommon within the industry. A recent incident in another quarry nearly ended in a fatality when a tipper overturned onto an adjacent vehicle crushing the cab.</p>
ACCIDENT / INCIDENT IMAGES
LEARNING POINTS / ACTIONS TAKEN
<p>The following precautions should be in place to prevent a recurrence:</p> <p>? Suitable area to tip <input type="checkbox"/> Are site tipping areas clearly demarcated, with appropriate notices/warning signage, and located on suitable firm level ground? Are tipping areas inspected and maintained? Are tipping areas free from overhead obstructions such as power or telephone cables? Do drivers check the tipping area? Are drivers aware of the risks of overturn and the need for firm level tipping areas?</p> <p>? Safety zone around tipping operations <input type="checkbox"/> Are arrangements in</p>
LEARNING POINTS / ACTIONS IMAGES