






Site: Waipipi	Incident Title: Blade Trailer Tip Over	Incident Date: 05/06/2020	
Ref #: 393	Actual Severity: 2- Minor		<b>Major Hazard Category:</b> Driving and Transport
Category: Asset	Potential Severity: 4 - Major		
<p><b>Details:</b>            The trailer of the first SGRE 64 m blade tipped over while travelling to site. The incident occurred along the State HWY 45 route on a 90 degree left hand bend in the town of Okato.</p> <p>Initial assessment of blade appears to be surface paint damage only. Further investigations of the blade are ongoing. There was also minor damage to the trailer which was easily repaired.</p> <p><b>Immediate Actions:</b></p> <ol style="list-style-type: none"> <li>1. Assessment for any injuries to personnel.</li> <li>2. Traffic management at site. D&amp;A testing.</li> <li>3. Halting of all component deliveries to the project site pending investigation outcomes and corrective actions.</li> </ol>		 	
<p><b>Root Cause:</b></p> <ol style="list-style-type: none"> <li>1. The transport crew failed to adhere to the details of the Transport Management Plan (TMP) for the corner at State Highway 45 (South Road) intersection of Hampton Road. <i>The TMP specified for the trailer to travel onto the right-hand side of the road during the turn (north bound lane). "Truck is to undertake this procedure at walking pace. Spotter is to keep an eye on the inside of the load and the tail swing at the rear. Escorts to control local traffic"</i>. Trailer unit has entered the corner and travelled a path which is further to the left than that suggested in TMP.</li> <li>2. The rear trailer steersman conducted a turning circle that had inadequate clearance along turn circle which caused the trailer to move to the left of the road and off the tarmac surface.</li> </ol>			

Site: Waipipi	Incident Title: Blade Trailer Tip Over	Incident Date: 05/06/2020
<p><b>Contributing Factors:</b></p> <ol style="list-style-type: none"><li>1. The transport crew failed to adhere to the details of the Transport Management Plan (TMP) for the corner at State Highway 45 (South Road) intersection of Hampton Road. Final report to be discussed at HSEC Committee Meeting.</li><li>2. The rear trailer steersman conducted a turning circle that had inadequate clearance along turn circle which caused the trailer to move to the left of the road and off the tarmac surface.</li><li>3. Load position on trailer. The position of blade frame on the rear of trailer contributed to the unbalancing of load. Note: it is presumed, if the trailer travelled as per TMP and pinch point specification, the potential for a rollover event is significantly reduced.</li><li>4. TMP did not treat the corner with full swept path analysis.</li><li>5. Positive Communications - Pilots have not communicated to PM driver that trailer unit was not tracking in the agreed (TMP) path.</li><li>6. On Road Supervision - Subcontractor team failed to provide adequate on road supervision during 1<sup>st</sup> delivery execution.</li><li>7. COVID-19 restrictions of team mobilisation preventing mobilisation of personnel.</li></ol>		 

**TILT Renewables - Major Hazard Categories**



**Electricity and Isolations**



**Excavations and Trenching**



**Confined Space**



**Working from Height**



**Dropped Objects**



**Dangerous Substances**



**Cranes & Lifting**



**Manual Handling**



**Mental Health**



**Mobile Plant & Equipment**



**Driving and Transport**



**Working Near Water**