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|  TRANSCANADA OPERATING PROCEDURE (FORM) | | |  | |
| Title: Health, Safety and Environment Hazard Advisory Form | | | | |
| Revision: 04 | Effective Date: 2009/04/24 | Status: Issued | | Page 1 of 3 |

TOP Contact: Community Safety and Environment

1. This form is to be completed in conjunction with the TOP entitled Hazard Advisories (EDMS No. 003878519).
2. Hardcopies of the Hazard Advisory are posted on the Hazard Advisory clipboards in Field locations.

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| Title: Tow Hook Breaks While Recovering a Stuck Vehicle – IIT 173374 | |
| Hazard Advisory Author: Bruce Hageman | |
| Author Position: JHSEC Chair / Level 5 Technician | Author Location: Heartland Region |
| HS&E Hazard Advisory #: HSEA-008-2009 | Date Issued: 07/21/2009 |
| Hazard Advisory Classification: Level II | |
| Audience To Be Targeted: Operations | Audience Location: Canadian & US Facilities |
| For further information or questions, please contact the Author of this Hazard Advisory | |

Hazard Description:

While pulling a stuck vehicle out of a snow drift the tow hook broke off of the recovery pickup. The tow hook broke away, flew up, contacted the rear of the cab and broke the back window of the stuck vehicle.






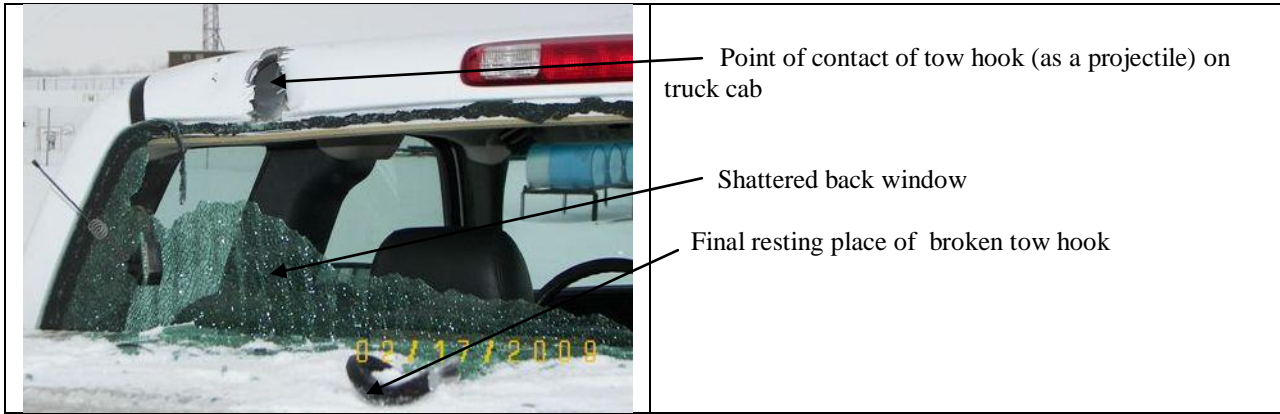
During routine maintenance a company vehicle became stuck in a snowdrift. Another company vehicle was used to pull on the stuck vehicle in an effort to remove it. When the first and second effort failed to free the vehicle from the snow drift, (because of ice under the snow that gave little traction) shock loading of the rope was done to provide more force. During the shock loading of the tow rope, one of the tow/recovery hooks on the recovery vehicle broke away and flew into the rear of the cab and the rear window of the stuck vehicle with sufficient force to shatter the rear window and cause significant damage to the truck cab.

Note: Prior to use, please validate paper copies against the official version (Doc ID 003681009) in EDMS (General Library).

Risk Potential:

1. Serious injury to the driver in the towing/recovery vehicle.
2. Serious injury to personnel in/or near the path/trajectory of the broken tow /recovery hook.
3. Damage to the vehicles from contact with the flying broken tow/recovery hook

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|---|---|
|  | <p>Stuck vehicle</p> <p>Tow Rope</p> <p>Recovery vehicle (pulling in reverse)</p> <p>Towing operation vehicle orientation</p> |
|  | <p>Broken tow hook attachment point on the recovery truck</p> |
|  | <p>Broken tow hook showing fracture point from truck frame</p> |



Other Procedures To Be Referenced:

- Work Authorization and Job Safety Analysis Procedures TOP – EDMS # **003833609**
- Motor Vehicle Operation TPP – EDMS # **003721956**
- Hoisting Lifting Towing and Winching Procedures TOP – EDMS# **003837440**