

# HAUL HAZARD ASSESSMENT FOR HAULING WEIGHTS THAT EXCEED OEM SPECIFICATIONS

COMPANY: \_\_\_\_\_ Unit # \_\_\_\_\_

**RISK RATING LEGEND:**

SEVERITY	DESCRIPTION
1.	The outcome will be minor, maybe minor first aid
2.	The event could result in a temporary disability
3.	This event could result in permanent injury/disability
4.	This event could lead to a fatality
5.	This event could result in multiple fatalities, this is a “catastrophic” event
Probability	DESCRIPTION
1.	Almost never, one in a million
2.	Might happen, A driver may see it once in his/her career.
3.	This might happen once a season
4.	This will probably happen a few times a season
5.	Very probable, a driver will see this a lot during the season (it may happen once a shift)

**Abbreviations:**

- RR – Risk Rating (H- High M- Medium L- Low)
- S – Severity
- P – Probability

**DEFINITIONS:**

1. Contractor Confirmed; the contractor initials the items that are completed.
2. Contractor; a contractor that signs a contract with the mill to provide a service for the mill for a specified period.
3. Sub-Contractor; a contractor hired by a contractor and signs a contract to supply a service with a Contractor.
4. GVWR; Gross vehicle weight rating.
5. OEM; Original equipment manufacturer.
6. NSC; National Safety Code.
7. CVSA; Commercial Vehicle Safety Alliance. The Preventative Maintenance Program is based on this criteria

**HAZARD ASSESSMENT FOR HAULING WEIGHTS THAT EXCEED OEM SPECIFICATIONS:**

**1. CONTRACTUAL REQUIREMENTS**

CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED
							S	P	RR	
Required insurance	Potential for contractor's insurance coverage to be inadequate.				Contractor must have insurance coverage as specified in the contract	Must have insurance as specified in contract. Contractor must meet minimum insurance requirements. If contractor hires sub-contractors, all sub-contractors must carry similar insurances				
	Potential for contractor's insurance coverage to be cancelled by the insurance provider.				Insurance as specified in the contract Contractor must have insurance coverage as specified in the contract					
	Potential for risk exposure for the receiving mill.				Contractor must have insurance coverage as specified in the contract					
	Risk Rating				5					
Carrier Profile	Potential for non-compliance for hauling weights that exceed OEM specifications				Contractor must have satisfactory safety fitness rating in carrier profile to exceed OEM specifications	Contractor to pull own carrier profile every six months and have hard copy on file for audit purposes. If contractor hires sub-contractors, all sub-contractors must provide carrier profiles for files for audit purposes.				
	Risk Rating				5					
Government Permit Requirements	Potential to haul weights that exceed provincial standards and exceeds allowable weights for configuration type				Contractors must have governmental hauling permits that specify maximum hauling weights for configuration of the truck / trailer unit	Contractors to show proof of permits to receiving mill to ensure all permits are in place. If contractor hires sub-contractors, all sub-contractors must have proper permits. Route maps are issued by the receiving mill once permits are validated				

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**1. CONTRACTUAL REQUIREMENTS**

CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED		
							S	P	RR			
Truck and Trailer Weight Ratings	Equipment may have inadequate structural strength.				Contractors must establish OEM allowable GVWR for their truck and trailer units. Training programs and Preventative maintenance programs must be established to ensure both the drivers and the truck and trailer units can handle the weights that exceed OEM Specifications	Contractor to establish OEM Allowable GVWR by using a combination of door tags or compliance labels or VIN plates for the truck and trailer units. If contractor hires sub-contractors, all sub-contractors must follow this process as well.						
	Equipment breakdown as a result of overloading.										The contractor will use a calculating tool ((Maximum Permitted GVWR Calculator) Provided by receiving mill))(Appendix 1) to be used to establish OEM specification allowable weights	
	Equipment may have a structural failure on a public road.											Total allowable GVWR for Tractor and Trailer(s)_____
	A fatality may occur due to component failure.											(as calculated by Maximum Permitted GVWR Calculator see appendix 1)
	Could have equipment illegal for certain roads.											Percentage differential between permitted weight and total allowable GVWR _____
	Percentage calculation (Total permitted-total allowable /Total Permitted) *100 = percentage hauling that exceed OEM specifications											

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**1. CONTRACTUAL REQUIREMENTS**

	CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED
								S	P	RR	
	Truck and Trailer Weight Ratings – continued	Equipment may have inadequate structural strength.				Continued from page 3	Eg. For 8 axle super B configuration ( truck allowable from calculator = 71500) 74500 = Permitted weight  $(74500 - 71500 / 74500) * 100 = 4.03\%$  This tractor / trailer unit would be hauling 4.03% beyond its OEM specifications				
		Risk Rating	5	2	H			5	2	M	

**HAZARD ASSESSMENT FOR HAULING WEIGHTS THAT EXCEED OEM SPECIFICATIONS:**

**2. Training Requirements**

	CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED
								S	P	RR	
		Potential structural, mechanical, electrical failure.				Contractors must have all drivers trained and competent to be able to safely handle the tractor trailer unit when it is hauling loads that exceed OEM GVWR specifications.	Contractor must meet minimum training requirements. If contractor hires sub-contractors, all sub-contractors must meet similar training requirements.				
		Loss of control of vehicle					The Contractor must keep documents as described in section 41 of the Commercial Vehicle Certificate of Insurance Regulation, which states the minimum information that must be retained for each person who is authorized to drive for the company ( see attached appendix 2)				
		Potential hazard to the public and public safety					In addition to the above all contactors must fill in a driver competency/ training form to be completed as a minimum but not limited to the following training items;  Daily inspections  Hours of Service training				
		Roll over									
		Run away on a hill									
		Off-road collision with objects (trees, rocks, bridge abutments, etc.).									
		Potential injury to the driver									

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**2. Training Requirements**

	CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED
								S	P	RR	
		Collision with other log trucks, on-highway & off-highway				Continued from page 5	Cargo Securements  Radio usage training  Receiving mill Road Policies and Procedures  Fitness to work or Alcohol, Drug, and Medication programs.  Driver Performance Evaluation Form for competency sign offs for operation of the vehicle at weights that exceed OEM specifications (Appendix 3)				
		Risk Rating	5	2	H			5	2	M	

**HAZARD ASSESSMENT FOR HAULING WEIGHTS THAT EXCEED OEM SPECIFICATIONS:**

**3. COMPLIANCE WITH LEGISLATION**

	CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED
								S	P	RR	
		Without legal review there is a potential conflict regarding hauling weights that exceed OEM specifications. This conflict is between OH&S legislation and the Alberta Traffic Act				Perform hazard assessment to Comply with Part 34 Forestry of Alberta's OH&S Act, Regulation and Code.	<p>Hazard assessment has been completed and contractors and all hired sub-contractors will abide by the hazard assessment process</p> <p>The Alberta Traffic Regulation Schedule 7 has a statement in which a load shall not exceed the rated capacity. However, the Government of Alberta Winter Weight permit issued by Alberta Transportation has a statement regarding rated capacity of equipment in which if there is conflict between the general condition of the winter weight permit and the requirements of OH&amp;S Act, Regulation and Code the requirements of the OH&amp;S Act, Regulation, and Code will take precedence.</p>				

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**3. COMPLIANCE WITH LEGISLATION**

	CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED
								S	P	RR	
						Continued from page 7	There is a risk of conflict between these governing legislations should legal action be taken against an employer.				
		Risk Ranking	5	2	H			5	2	L	

**HAZARD ASSESSMENT FOR HAULING WEIGHTS THAT EXCEED OEM SPECIFICATIONS:**

**4. PREVENTATIVE MAINTAINCE**

	CONSIDERATIONS	POTENTIAL HAZARDS	S	P	RR	SAFEGUARDS	CONTROLS	RATING AFTER CONTROLS			CONTRACTOR CONFIRMED
								S	P	RR	
		Equipment, structural, and competent failure due to inadequate maintenance and overloading causing public nuisance or traffic delays				Contractors must establish preventative maintenance programs that focus on equipment, structures, and components that are subjected to weights that exceed the OEM specifications.	The contractor must implement a preventative maintenance programs as outlined in the Preventative Maintenance Checklist (see appendix 4).				
		Equipment, structural, and competent failure due to inadequate maintenance and overloading causing public damage					This must be completed for every unit owned or subcontracted for every 250 hours of paid cycle time.				
		Equipment, structural, and competent failure due to inadequate maintenance and overloading causing a fatality or multiple fatalities					<b>Critical items as outlined in the Preventative Maintenance Checklist MUST be repaired and documented prior to putting the unit back in service.</b>				
		Risk Rating	5	3	H			5	3	M	

## Owner Verification and Hazard Assessment Sign off

I verify that the above hazard assessment has been shared with all affected workers and the company and all workers will be in compliance with the processes as outlined in the hazard assessment when hauling weights that exceed OEM specifications

COMPANY / SUBCONTRACTOR:

UNIT #:

ALLOWED GVW:

PERMITTED GVW:

PERCENTAGE DIFFERENTIAL:

NAME:

TITLE:

SIGNATURE:

DATE: