

**GENERAL KNOWLEDGE AND SKILLS**

- Time management skills
- Knowledge of log truck audit protocols
- Incident / hazard reporting requirements
- Tire chain installation
- Mechanical aptitude
- Organizational skills
- Legal axle weight and load dimension requirements
- Load securement requirements
- Radio operation
- Communication skills
- Gear shifting skills (*i.e. hand-foot coordination*)
- Progressive shifting
- WHMIS knowledge
- Environmental awareness
- Spill response
- Interpersonal skills

**EQUIPMENT, TOOLS, SUPPLIES & MATERIALS**

- Truck and log trailer
- Valid Class I driver's license
- PPE and clothing (*including high-visibility garment*)
- Cold-weather survival kit (*where applicable*)
- Hand tools
- Firefighting tools
- Wrappers and cinches
- Food and water
- Roadside emergency kit
- Radio
- Timber marking paint
- Spare parts (*e.g. light bulbs, fan belt, air fittings, etc.*)
- Load description book
- Daily log book
- Vehicle registration card
- Vehicle insurance card
- Required permits
- Inspection reports
- Pen
- First aid kit
- Spill clean-up kit
- Glass cleaner
- Rags
- Long-load warning light and flags
- Tire chains
- Chain pliers
- Grease gun and grease
- Engine oil
- Air hose (*i.e. blow gun*)

**WORKER BEHAVIOURS**

- Follows directions
- Health conscious
- Cooperative
- Safety conscious (*i.e. self and others*)
- Systematic
- Conscientious
- Diligent
- Patient
- Timely / punctual
- Responsible
- Willing to learn
- Proud of own accomplishments
- Team player
- Results-oriented
- Diplomatic
- Emotionally-balanced
- Honest

**ACRONYMS AND TERMS**

**BCFSC** British Columbia Forest Safety Council  
**CVSE** Commercial Vehicle Safety Enforcement (BC)  
**EMS** Environmental management system  
**ERP** Emergency response plan  
**HOS** Hours of Service  
**OHS** Occupational health and safety  
**WHMIS** Workplace Hazardous Materials Information System

**Log Truck** – Tractor or tractor-trailer combination used to transport logs

**Wrappers** – Wire rope or synthetic cables with chained ends for securing log loads

**Cinches** – Binders (*i.e. boomers*) used to tighten wrappers

**FUTURE TRENDS AND CONCERNS**

- Public perception of log truck operators
- Need for promotion of log truck operator as a career choice
- Need for a log truck operator association
- Emerging changes and additions to forest harvesting techniques and technologies (*e.g. use of chippers to salvage timber debris*)
- Other industries sharing resource roads (*e.g. mining, oil and gas, etc.*)
- Loss of experienced/aging log truck operators
- Need for training and competency certification
- Approval of over-dimensional log loads (*i.e. 9'-6" wide log trailers*) for highway travel
- Recreational road users
- Reduced carbon emission standards

# DACUM Occupational Profile for Log Truck Operator

## DACUM PANEL

Dave Barden  
Barden Contracting Ltd.

Fred Bateman  
RW Log Transport

Ken Braconnier  
Al Williams Trucking Ltd.

Ray Brandner  
Pine Star Logging

Peter Bueckert  
J. Bueckert Logging Ltd.

Burke Purdon  
Burke Purdon Enterprises Ltd.

Dennis Ruttan  
Hayes Forest Service

Roger Wade  
RW Log Transport

## OBSERVERS

MaryAnne Arcand  
British Columbia Forest Safety Council

John Betts  
Western Silvicultural Contractors'  
Association

Dave Humphries  
Western Silvicultural Contractors'  
Association

Wayne Lintott  
Interior Loggers Association

Ivor Marriott  
Commercial Vehicle Safety Enforcement

Kathleen Meise  
British Columbia Forest Safety Council

Steven Mueller  
British Columbia Forest Safety Council

Rick Publicover  
Central Interior Logging Association

Bill Sauer  
Northwest Loggers Association

## DACUM FACILITATOR

Doug van Eden, CRSP  
Enform



**BC Forest Safety Council**  
*Unsafe is Unacceptable*

Suite 200 - 1055 West Hastings Street  
Vancouver, BC V6E 2E9  
Telephone: (250) 741.1060 Fax: (250) 741.1068  
[www.bcforestsafe.org](http://www.bcforestsafe.org)

**Produced with the assistance of ENFORM**

**FINAL DRAFT: OCTOBER 21-22, 2008**

# DACUM Occupational Profile for Log Truck Operator

FINAL DRAFT: OCTOBER 21-22, 2008

DUTIES		TASKS								
<b>A</b>	<b>COMPLY WITH REGULATIONS AND STANDARDS</b>	A-1 Comply with OHS regulations.	A-2 Comply with CVSE requirements.	A-3 Comply with forestry regulations.	A-4 Comply with environmental regulations.	A-5 Comply with radio-use regulations (i.e. Industry Canada).	A-6 Comply with resource (off-highway) road regulations.	A-7 Follow equipment manufacturers' instructions.	A-8 Follow employer policies, practices, and procedures.	
		A-9 Follow client / licensee policies, practices, and procedures.		A-10 Follow applicable industry best practices and guidelines.						
<b>B</b>	<b>PREPARE WORK PLAN</b>	B-1 Assess personal fitness to work (e.g. physiologically, physically, emotionally – drug-free, not fatigued, able to concentrate on job).		B-2 Verify valid travel/work documentation (e.g. driver's license, vehicle registration, vehicle insurance, permits, ERP, EMS).		B-3 Verify man-check protocol.	B-4 Verify appropriate emergency equipment and supplies (e.g. breakdowns, cold weather survival, etc).		B-5 Schedule work plan around cycle time (i.e. hours of service).	
		B-6 Receive routing instructions (e.g. verbal, maps, follow guide).		B-7 Assess road and weather conditions.	B-8 Assess route hazards (e.g. steep slopes, terrain).	B-9 Plan nutritional and hydration requirements.				
<b>C</b>	<b>INSPECT LOG TRUCK</b>	C-1 Conduct daily truck pre-trip inspections.	C-2 Inspect truck equipment (e.g. tools, jack, wheel wrench, spare tire, etc.).		C-3 Inspect emergency equipment (e.g. first aid kit, fire extinguisher, roadside emergency kit).		C-4 Inspect personal protective and safety equipment / supplies (e.g. PPE, clothing, food, water, etc.).		C-5 Inspect fire-fighting equipment (i.e. shovels, axes, etc.).	C-6 Conduct ongoing/periodic truck inspections.
		C-7 Conduct daily log truck post-trip inspections.	C-8 Complete log truck inspection reports.							
<b>D</b>	<b>DRIVE LOG TRUCK</b>	D-1 Initiate daily log book.	D-2 Secure loose items in log truck cab.	D-3 Wear seat belts.	D-4 Adjust driving to suit road and weather conditions.	D-5 Obey highway traffic controls.	D-6 Follow resource road-use protocol.	D-7 Operate log truck cost-effectively (e.g. fuel consumption, engine speed, vehicle speed).		D-8 Monitor log truck performance.
		D-9 Watch for other road users (industrial, recreational, etc.).	D-10 Control fuel and oil spills.	D-11 Change flat tires.	D-12 Select appropriate gear for grades (i.e. both uphill and downhill).		D-13 Fuel up log truck.	D-14 Install tire chains.	D-15 Follow established radio-use protocol.	D-16 Adjust log truck brakes, as needed.
		D-17 Perform periodic man-checks.	D-18 Respond to emergencies (i.e. forest fire, vehicle collision, etc.).		D-19 Complete daily log book.					
<b>E</b>	<b>LOAD LOGS</b>	E-1 Conduct site hazard assessment (i.e. if self-loading logs or otherwise working alone).		E-2 Follow site-specific instructions (e.g. site access, PPE)	E-3 Set up rigging to load logs.	E-4 Complete/Verify load description slips.	E-5 Follow loading instructions (if logs loaded by loaderman).	E-6 Load logs (if self-loading logs).	E-7 Monitor lay of loaded logs for hazards.	E-8 Verify log load specifications (e.g. weight, sorting, species)
<b>F</b>	<b>UNLOAD LOGS</b>	F-1 Follow site-specific instructions (e.g. site access, PPE, weighing in/out).		F-2 Follow unloading instructions.	F-3 Remove wrappers from load while load is being restrained.		F-4 Load empty log trailer onto truck.		E-9 Install wrappers while load is stable or being restrained.	E-10 Apply timber markings to logs.
<b>G</b>	<b>MAINTAIN LOG TRUCK</b>	G-1 Conduct minor repairs (e.g. replace light bulbs or fan belt; repair air leaks; inflate tires; add fluids, etc.).		G-2 Grease log truck.	G-3 Clean log truck.	G-4 Report major repair requirements.	G-5 Complete log truck maintenance records.		E-11 Perform periodic man-checks (if self-loading or working alone).	
<b>H</b>	<b>MAINTAIN PROFESSIONAL COMPETENCE</b>	H-1 Maintain balance between family life and work plans.	H-2 Keep current with trucking trends.	H-3 Keep current with BCFSC trucking safety alerts, issues and best practices.		H-4 Participate in relevant training courses and seminars	H-5 Keep current with log truck audit protocols.	H-6 Demonstrate courteous driving and work behaviors.		