

Competency-Based Training in Today's Transportation Environment

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Canadian Competency-Based PEVO Instruction

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Rationale for development of a
Competency-Based Pilot
Training Program



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Who Are We?

Canadian Pilot Truck Training Ltd. is an independent training provider with no commercial alignment to any carriers or pilot vehicle companies. Our focus is raising the professional standard for Canadian PEVOs through evidence-based, competency-focused training.



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Our Training Philosophy

We believe that our Pilot/Escort Vehicle Operator training program represents the highest standard of PEVO training available in North America. Our focus is on regulatory accuracy, proven field practice, current professional expectations, and continuously improving industry standards. We do not teach “minimums.” We teach **best practice** — the level that protects the public, the carriers we support, and the reputation of the profession.



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Competency-Based Training — Why Now?

Transportation operations are more dynamic than ever — no two moves are the same.

PEVOs make safety-critical decisions in real time, not from a script.

Classroom training and on-road mentoring are complementary pillars of professional PEVO development.

Competency drives results: judgement, communication, situational awareness.

The public expects professional behaviour — not just attendance in a course.

What is Competency-Based Training?

It measures what a person can actually **do**, not just what they learned.

Performance is observed in real or simulated operating conditions.

Skills must be repeatable, demonstrable, and defensible.

Competence is proven **before** someone is put into a position of risk.

Why PEVO Operations Require Competency

PEVO work is complex and high-risk — no two moves are identical.

We rely on real-time judgement, communication, and situational awareness.

Each route, weather change, and traffic condition creates a new risk profile.

Training must measure what a pilot can actually **do** — not just what they were told.

Core PEVO Competencies

Situational Awareness.

Hazard identification & risk recognition.

Communication & radio discipline.

Traffic control & positioning decisions.

Defensive driving & collision avoidance.

Professional conduct & public interaction.

CPTT's Core PEVO Competencies

Integrated Movement Team.

Agile Thinking.

Control Volume.

Educate & Communicate.

Safety Contract.

Multitasking.

Good, Better, Best Decision Model.

Recognition & Mitigation.

Time & Distance.

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How We Assess Competency in PEVOs

We evaluate pilots on **live oversize movements** whenever possible.

When live loads are not available, we use **controlled simulation scenarios**.

Simulations include **on-road exercises** and **Google Maps route modelling**.

Competence is confirmed by **observable behaviours**, not by classroom attendance.

Why Competency-Based Certification is Necessary.

Public safety depends on a PEVO's real-time decisions — not just classroom exposure.

Without mandatory competency, skills are inconsistent across operators and companies.

Carriers and individual operators will default to lowest-cost training if competency is not enforced.

Regulators cannot defend or enforce standards based on “hours attended.”

Who Should Lead Competency Standards for PEVOs?

National regulators should mandate competency certification — to protect the public.

Industry SMEs must develop the curriculum, training products, and assessment model.

Insurance and carriers will follow competency once it is the national expectation.

Establish a National Competency Requirement for PEVOs

The competency model already exists — built by Canadian industry SMEs.

Competence can now be measured, evaluated, and defended.

The missing piece is a regulatory requirement to make it mandatory. **nationwide.**

Contact Information

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