

# Apprenticeship and Industry Training Act

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## Outdoor Power Equipment Technician Trade Regulation

Alberta Regulation 47/2001

Consolidated to March 4, 2008

### NOTE

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Apprenticeship and  
Industry Training

**ALBERTA REGULATION 47/2001**  
**as amended by Alta. Reg. 253/2003, 394/2003, 270/2006 and 34/2008**  
**Apprenticeship and Industry Training Act**  
**OUTDOOR POWER EQUIPMENT TECHNICIAN TRADE REGULATION**

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Definitions     **1** In this Regulation,

- (a) “apprentice” means a person who is an apprentice in the trade;
- (b) “certified journeyman” means a certified journeyman as defined in the *Apprenticeship Program Regulation* (AR 258/2000);  
[Alta. Reg. 270/2006]
- (c) “marine equipment” means marine equipment as defined in Part 2;
- (d) “power equipment” means power equipment as defined in Part 3;
- (e) “recreational equipment” means recreational equipment as defined in Part 4;
- (f) “technical training” means technical training as defined in the *Apprenticeship Program Regulation* (AR 258/2000);
- (g) “trade” means the trade of outdoor power equipment technician that is designated as an optional certification trade pursuant to the *Apprenticeship and Industry Training Act*;
- (h) “turf equipment” means turf equipment as defined in Part 5;
- (i) “uncertified journeyman” means an uncertified journeyman as defined in the *Apprenticeship Program Regulation* (AR 258/2000).  
[Alta. Reg. 270/2006]



- (a) boats and trailers;
- (b) jet drives in boats and personal water craft;
- (c) outboard motors;
- (d) inboard-outboard engines;
- (e) stern drives.

Undertakings  
constituting  
the branch

**6** The undertakings that constitute the marine equipment branch of the trade are the repair, service and maintenance of marine equipment.

Tasks,  
activities and  
functions

**7** When practising or otherwise carrying out work in the marine equipment branch of the trade, the following tasks, activities and functions come within that branch of the trade:

- (a) selecting, inspecting, using and maintaining various hand and power tools, shop equipment, measuring tools and testing equipment;
- (b) retrieving and inputting applicable information using various media including service related computer software programs;
- (c) selecting, installing or removing fasteners, tubing, piping, couplings, fittings, hoses, electrical wiring and connectors;
- (d) selecting, installing, inspecting, adjusting and removing bearings, bushings, seals, belts, sheaves and pulleys;
- (e) selecting proper fuels, lubricants, coolants, sealants, adhesives, plastics and plastic metals for intended application;
- (f) inspecting, monitoring performance of and operating machinery and equipment;
- (g) assembling, testing, igniting and adjusting oxy-acetylene cutting and heating equipment and performing minor cutting and heating repairs;
- (h) with respect to internal combustion 2- and 4-cycle engines that use gasoline, diesel or alternative fuels, and engine auxiliary systems and accessories,
  - (i) inspecting and testing
    - (A) engines and engine components and engine systems, before and after service or repair;
    - (B) engine lubrication systems;
    - (C) engine liquid cooling systems;

- (D) engine air cooling systems and air filtering or screening systems;
- (E) engine intake and exhaust systems;
- (F) fuel systems;
- (G) engine control systems;
- (ii) diagnosing engine problems;
- (iii) diagnosing malfunctions;
- (iv) repairing or replacing components;
- (v) analyzing parts for failure and determining the causes of the failure;
- (vi) removing and installing engines;
- (i) with respect to stern drives, lower units, inboard and jet drive motors,
  - (i) inspecting, testing and adjusting
    - (A) clutches;
    - (B) fluid drives, fluid couplings, torque converters, hydraulic retarders and other connecting units;
    - (C) manual transmissions;
    - (D) transmissions, high-low speed units, reverse units and automatic transmissions and their control systems;
    - (E) transfer drives;
    - (F) drive shafts, u-joints, belts and other drive lines;
    - (G) lower units, stern drives, jet drives and inboard motors;
  - (ii) diagnosing malfunctions and irregular operation and performance;
  - (iii) removing and installing
    - (A) complete components;
    - (B) complete transmissions;
    - (C) complete drive systems;
    - (D) complete assemblies;
  - (iv) removing, inspecting, overhauling, repairing and replacing

- (A) assemblies and their parts;
- (B) drive system parts and components;
- (C) drive system control systems and components;
- (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (j) with respect to electrical systems and circuits, batteries, charging, starting, lighting and accessories systems, spark ignition systems, electronic systems and circuits, electronic monitoring systems and electronic control systems,
  - (i) inspecting, testing, adjusting and replacing
    - (A) storage batteries;
    - (B) components and circuits;
  - (ii) diagnosing performance;
  - (iii) isolating defects within the system or in another part of the machine;
  - (iv) analyzing failures and determining the causes of failures;
- (k) with respect to hydraulic and hydrostatic systems, open and closed centre hydraulic systems, open and closed loop hydrostatic systems and control systems,
  - (i) inspecting, testing and adjusting
    - (A) open and closed centre main hydraulic working systems;
    - (B) open and closed hydrostatic drive and propel systems;
    - (C) hydraulic control systems;
  - (ii) diagnosing malfunctions;
  - (iii) removing and installing components as a unit;
  - (iv) testing, overhauling, repairing and replacing parts and components;
  - (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (l) with respect to steering, suspension systems, manual steering and hydraulic steering and wheel rims,
  - (i) inspecting, testing and adjusting

- (A) manual steering systems;
- (B) hydraulic steering;
- (ii) diagnosing malfunctions;
- (iii) removing and installing components as a unit;
- (iv) removing, testing, overhauling, repairing, replacing and installing parts and components;
- (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts.

- Term of the apprenticeship program
- 8** (1) Subject to credit for previous training or experience being granted pursuant to an order of the Board, the term of an apprenticeship program for the marine equipment branch of the trade is 4 periods of not less than 12 months each.
- (2) In the first period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (3) In the 2nd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (4) In the 3rd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (5) In the 4th period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training.

### **PART 3**

#### **POWER EQUIPMENT BRANCH OF THE TRADE**

- Definition
- 9** In this Part, “power equipment” means equipment, other than equipment that is defined in sections 5, 13 and 17, that in the trade is commonly known as outdoor power equipment and includes
- (a) aerators;
  - (b) air compressors;
  - (c) chippers and shredders;
  - (d) compaction equipment;

- (e) generators;
- (f) lawn and garden tractors;
- (g) lift equipment;
- (h) pressure washers;
- (i) pumps;
- (j) mowers;
- (k) chain saws;
- (l) seeders;
- (m) sprayers;
- (n) tillers;
- (o) trimmers;
- (p) snow removal equipment.

Undertakings  
constituting  
the branch

**10** The undertakings that constitute the power equipment branch of the trade are the repair, service and maintenance of power equipment.

Tasks,  
activities and  
functions

**11** When practising or otherwise carrying out work in the power equipment branch of the trade, the following tasks, activities and functions come within that branch of the trade:

- (a) selecting, inspecting, using and maintaining various hand and power tools, shop equipment, measuring tools and testing equipment;
- (b) retrieving and inputting applicable information using various media including service related computer software programs;
- (c) selecting, installing or removing fasteners, tubing, piping, couplings, fittings, hoses, electrical wiring and connectors;
- (d) selecting, installing, inspecting, adjusting and removing bearings, bushings, seals, belts, sheaves, pulleys, chains and sprockets;
- (e) selecting proper fuels, lubricants, coolants, sealants, adhesives, plastics and plastic metals for intended application;
- (f) inspecting, monitoring performance of and operating machinery and equipment;

- (g) assembling, testing, igniting and adjusting oxy-acetylene cutting and heating equipment and performing minor cutting and heating repairs;
- (h) servicing, repairing and maintaining cutting systems and components;
- (i) with respect to internal combustion 2- and 4-cycle engines that use gasoline, diesel or alternative fuels, and engine auxiliary systems and accessories,
  - (i) inspecting and testing
    - (A) engines and engine components and engine systems in and out of chassis, before and after service or repair;
    - (B) engine lubrication systems;
    - (C) engine liquid cooling systems;
    - (D) engine air cooling systems and air filtering or screening systems;
    - (E) engine intake and exhaust systems;
    - (F) fuel systems;
    - (G) engine control systems;
  - (ii) diagnosing engine problems;
  - (iii) diagnosing malfunctions;
  - (iv) repairing or replacing components;
  - (v) analyzing parts for failure and determining the causes of the failure;
  - (vi) removing and installing engines;
- (j) with respect to power trains, clutches, fluid drives, transmissions, transfer drives, drive lines, differentials, final drives and steering clutches and axles,
  - (i) inspecting, testing and adjusting
    - (A) clutches;
    - (B) fluid drives, fluid couplings, torque converters, hydraulic retarders and other connecting units;
    - (C) manual transmissions;
    - (D) variable speed transmissions, high-low speed units, reverse units and hydrostatic transmissions and their control systems;

- (E) transfer drives;
- (F) drive shafts, u-joints, belt, chain and gear drives, mechanical winch drives, power take-offs and other drive lines;
- (G) front and rear differentials and axles;
- (H) steering clutches;
- (I) final drives;
- (ii) diagnosing malfunctions and irregular operation and performance;
- (iii) removing and installing
  - (A) complete components;
  - (B) complete transmissions;
  - (C) complete gear box drives;
  - (D) complete assemblies;
- (iv) removing, inspecting, overhauling, repairing and replacing
  - (A) assemblies and their parts;
  - (B) transmission parts and components;
  - (C) transmission control systems and components;
- (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (k) with respect to electrical systems and circuits, batteries, charging, starting, lighting and accessories systems, spark ignition systems, electronic systems and circuits, electronic monitoring systems and electronic control systems,
  - (i) inspecting, testing, adjusting and replacing
    - (A) storage batteries;
    - (B) components and circuits;
  - (ii) diagnosing performance;
  - (iii) isolating defects within the system or in another part of the machine;
  - (iv) analyzing failures and determining the causes of failures;

- (l) with respect to hydraulic and hydrostatic systems, open and closed centre hydraulic systems, open and closed loop hydrostatic systems and control systems;
  - (i) inspecting, testing and adjusting
    - (A) open and closed centre main hydraulic working systems;
    - (B) open and closed hydrostatic drive and propel systems;
    - (C) hydraulic control systems;
  - (ii) diagnosing malfunctions;
  - (iii) removing and installing components as a unit;
  - (iv) testing, overhauling, repairing and replacing parts and components;
  - (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (m) with respect to pneumatic systems and air supply and generating systems,
  - (i) inspecting, testing and adjusting air systems;
  - (ii) diagnosing malfunctions;
  - (iii) removing and installing components as a unit;
  - (iv) testing, overhauling, repairing and replacing parts and components;
  - (v) analyzing the failure of parts and determining the causes of failures and reusability of parts;
- (n) with respect to steering, brakes and suspension systems,
  - (i) inspecting, testing and adjusting
    - (A) manual steering systems;
    - (B) manual braking systems and brake foundation assemblies;
    - (C) hydraulic steering and braking systems;
    - (D) electrical braking systems;
    - (E) suspension systems;
  - (ii) diagnosing malfunctions;
  - (iii) removing and installing components as a unit;

- (iv) removing, testing, overhauling, repairing, replacing and installing parts and components;
- (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (o) with respect to frames, chassis, supporting structures, wheels and tracked undercarriages, cabs, heating systems, canopies and protective structures,
  - (i) inspecting, measuring, removing and installing
    - (A) frames, chassis, supporting structures and components of equipment and machinery;
    - (B) wheels, rims and tires;
    - (C) tracked undercarriages, components and parts;
    - (D) cabs, canopies and protective structures;
  - (ii) repairing and replacing
    - (A) frames, chassis, supporting structures and components of equipment and machinery;
    - (B) wheels, rims and tires;
    - (C) tracked undercarriages, components and parts;
  - (iii) adjusting and aligning frames, chassis, supporting structures and components of equipment and machinery;
  - (iv) adjusting and aligning wheels where applicable and tracked undercarriages, components and parts;
  - (v) adjusting, aligning and repairing assemblies;
  - (vi) inspecting and testing heating systems;
  - (vii) diagnosing and isolating problems and determining causes;
  - (viii) replacing components and making repairs;
- (p) with respect to attachments, ground engaging and working tools, booms, structural members, cables, hooks and slings,
  - (i) inspecting, adjusting, aligning, removing, installing, repairing and replacing equipment attachments and components;

- (ii) inspecting and measuring booms, arms, masts and structural members for signs of misalignment, cracking, loose bolts, metal fatigue and overloading;
  - (iii) analyzing failures and determining causes and correcting where applicable or recommending speciality repair or welding;
  - (iv) inspecting, removing, installing and replacing equipment cables, hooks and slings;
- (q) with respect to preventive maintenance, operational safety and equipment economy,
- (i) identifying and evaluating equipment failures and malfunctions relating to machine maintenance;
  - (ii) identifying unsafe operating practices;
  - (iii) communicating
    - (A) advice on maintenance to be performed;
    - (B) maintenance safety precautions;
    - (C) correct procedures for equipment inspections, operations, towing, loading, hauling, parking and storage;
    - (D) the importance of the use of proper fuel, lubricants, coolants, filters and similar items and providing advice in respect of those matters.

Term of the apprenticeship program

- 12** (1) Subject to credit for previous training or experience being granted pursuant to an order of the Board, the term of an apprenticeship program for the power equipment branch of the trade consists of 4 periods of not less than 12 months each.
- (2) In the first period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (3) In the 2nd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (4) In the 3rd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (5) In the 4th period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training.

**PART 4**  
**RECREATIONAL EQUIPMENT BRANCH OF THE TRADE**

Definition

**13** In this Part, “recreational equipment” means

- (a) vehicles that in the trade are commonly known as snowmobiles;
- (b) vehicles that in the trade are commonly known as outdoor recreational multi-wheeled utility vehicles and that are not required to be licensed under the Motor Vehicle Administration Act or the Traffic Safety Act unless they are operated on a highway but does not include any vehicle or equipment that is defined in section 9 or 17 of this Regulation or section 5, 11, 17 or 23 of the Heavy Equipment Technician Trade Regulation (AR 282/2000) or a motorcycle as defined in the Motorcycle Mechanic Trade Regulation (AR 291/2000).

[Alta. Reg. 253/2003]

Undertakings  
constituting  
the branch

**14** The undertakings that constitute the recreational equipment branch of the trade are the repair, service and maintenance of recreational equipment.

Tasks,  
activities and  
functions

**15** When practising or otherwise carrying out work in the recreational equipment branch of the trade, the following tasks, activities and functions come within that branch of the trade:

- (a) selecting, inspecting, using and maintaining various hand and power tools, shop equipment, measuring tools and testing equipment;
- (b) retrieving and inputting applicable information using various media including service related computer software programs;
- (c) selecting, installing or removing fasteners, tubing, piping, couplings, fittings, hoses, electrical wiring and connectors;
- (d) selecting, installing, inspecting, adjusting and removing bearings, bushings, seals, belts, sheaves, pulleys, chains and sprockets;
- (e) selecting proper fuels, lubricants, coolants, sealants, adhesives, plastics and plastic metals for intended application;
- (f) inspecting, monitoring performance of and operating machinery and equipment;
- (g) assembling, testing, igniting and adjusting oxy-acetylene cutting and heating equipment and performing minor cutting and heating repairs;

- (h) with respect to internal combustion 2- and 4-cycle engines that use gasoline, diesel or alternative fuels, and engine auxiliary systems and accessories,
  - (i) inspecting and testing
    - (A) engines and engine components and engine systems in and out of chassis, before and after service or repair;
    - (B) engine lubrication systems;
    - (C) engine liquid cooling systems;
    - (D) engine air cooling systems and air filtering or screening systems;
    - (E) engine intake and exhaust systems;
    - (F) fuel systems;
    - (G) engine control systems;
  - (ii) diagnosing engine problems;
  - (iii) diagnosing malfunctions;
  - (iv) repairing or replacing components;
  - (v) analyzing parts for failure and determining the causes of the failure;
  - (vi) removing and installing engines;
- (i) with respect to power trains, clutches, fluid drives, transmissions, transfer drives, drive lines, differentials, final drives and axles,
  - (i) inspecting, testing and adjusting
    - (A) clutches;
    - (B) fluid drives, fluid couplings, torque converters, hydraulic retarders and other connecting units;
    - (C) manual transmissions;
    - (D) power shift transmissions, high-low speed units, reverse units and automatic transmissions and their control systems;
    - (E) transfer drives;
    - (F) drive shafts, u-joints, belt, chain and gear drives, mechanical winch drives, power take-offs and other drive lines;

- (G) front and rear differentials and axles;
- (ii) diagnosing malfunctions and irregular operation and performance;
- (iii) removing and installing
  - (A) complete components;
  - (B) complete transmissions;
  - (C) complete gear box drives;
  - (D) complete assemblies;
- (iv) removing, inspecting, overhauling, repairing and replacing
  - (A) assemblies and their parts;
  - (B) transmission parts and components;
  - (C) transmission control systems and components;
- (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (j) with respect to electrical systems and circuits, batteries, charging, starting, lighting and accessories systems, spark ignition systems, electronic systems and circuits, electronic monitoring systems and electronic control systems,
  - (i) inspecting, testing, adjusting and replacing
    - (A) storage batteries;
    - (B) components and circuits;
  - (ii) diagnosing performance;
  - (iii) isolating defects within the system or in another part of the machine;
  - (iv) analyzing failures and determining the causes of failures;
- (k) with respect to hydraulic and hydrostatic systems, open and closed centre hydraulic systems, open and closed loop hydrostatic systems and control systems,
  - (i) inspecting, testing and adjusting;
  - (ii) diagnosing malfunctions;
  - (iii) removing and installing components as a unit;

- (iv) testing, overhauling, repairing and replacing parts and components;
  - (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (l) with respect to pneumatic systems and air supply and generating systems,
- (i) inspecting, testing and adjusting air systems;
  - (ii) diagnosing malfunctions;
  - (iii) removing and installing components as a unit;
  - (iv) testing, overhauling, repairing and replacing parts and components;
  - (v) analyzing the failure of parts and determining the causes of failures and the reusability of parts;
- (m) with respect to steering, brakes and suspension systems, inspecting, testing and adjusting
- (i) manual steering systems;
  - (ii) manual braking systems and brake foundation assemblies;
  - (iii) hydraulic steering and braking systems;
  - (iv) electrical braking systems;
  - (v) suspension systems;
- (n) with respect to frames, chassis, supporting structures and components,
- (i) inspecting, repairing and replacing wheels, rims and tires;
  - (ii) adjusting and aligning frames, chassis, supporting structures and components;
  - (iii) adjusting and aligning wheels where applicable;
  - (iv) adjusting, aligning and repairing assemblies;
  - (v) inspecting and testing heating systems;
  - (vi) diagnosing and isolating problems and determining causes;
  - (vii) replacing components and making repairs;
- (o) with respect to attachments and working tools, structural members, cables, hooks and slings,

- (i) inspecting, adjusting, aligning, removing, installing, repairing and replacing vehicle attachments and components;
  - (ii) inspecting and measuring structural members for signs of misalignment, cracking, loose bolts, metal fatigue and overloading;
  - (iii) analyzing failures and determining causes and correcting where applicable, or recommending speciality repair or welding;
  - (iv) inspecting, removing, installing and replacing equipment cables, hooks and slings;
- (p) with respect to preventive maintenance, operational safety and vehicle economy,
- (i) identifying and evaluating component failures and malfunctions relating to vehicles;
  - (ii) identifying unsafe operating practices;
  - (iii) communicating
    - (A) advice on maintenance to be performed;
    - (B) maintenance safety precautions;
    - (C) correct procedures for vehicle inspections, operation, towing, loading, hauling, parking and storage;
    - (D) the importance of the use of proper fuel, lubricants, coolants, filters and similar items and providing advice in respect of those matters.

Term of the apprenticeship program

- 16 (1)** Subject to credit for previous training or experience being granted pursuant to an order of the Board, the term of an apprenticeship program for the recreational equipment branch of the trade is 4 periods of not less than 12 months each.
- (2)** In the first period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (3)** In the 2nd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (4)** In the 3rd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.

- (5) In the 4th period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training.

## **PART 5**

### **TURF EQUIPMENT BRANCH OF THE TRADE**

- Definition **17** In this Part, “turf equipment” means power equipment specifically designed for use on golf courses and other forms of turf and includes
- (a) aerators;
  - (b) fairway mowers;
  - (c) greens mowers;
  - (d) golf carts;
  - (e) seeders;
  - (f) sprayers;
  - (g) utility vehicles.
- Undertakings constituting the branch **18** The undertakings that constitute the turf equipment branch of the trade are the repair, service and maintenance of turf equipment.
- Tasks, activities and functions **19** When practising or otherwise carrying out work in the turf equipment branch of the trade, the following tasks, activities and functions come within that branch of the trade:
- (a) the use, maintenance and operation of hand tools, hand power tools and pneumatic electrical power and speciality tools, lifting devices and testing equipment;
  - (b) retrieving and inputting applicable information using various media including service related computer software programs;
  - (c) the repair, maintenance and visual inspection of unlicensed, off-road trailers, with respect to leaks, brakes, alignment, tracking, position and wear characteristics, limits and damage;
  - (d) the repair, maintenance and inspection of the following:
    - (i) suspension and undercarriages, with respect to
      - (A) slider and fixed suspension systems and their components;

- (B) air suspension systems and their components, including control valves, shock absorbers, axle connections, air pressure gauges, auxiliary control systems, air lines and air tanks;
  - (C) block suspension systems and their components, including load cushions, wish-bone and tracking arms and torque arms and bushings;
  - (D) spring suspension systems and their components, including multi-leaf assemblies, equalizers, hangers and guides, spring seats, bottom axle brackets, top spring plates and front and rear spring hangers;
  - (E) torque arms and bushings and their components;
- (ii) braking systems, with respect to
- (A) brakes, brake linings, drums, discs, brake chambers, air tanks, valves, glad hands, lines and hoses;
  - (B) cam shafts, including cam shaft bushings, bushing support brackets, slack adjusters, hardware kits and spiders;
  - (C) air braking systems, including calipers and actuators and anchor plates;
  - (D) anti-lock braking systems, including electro-magnets, wiring, wheel sensors and excitors;
  - (E) axles and wheel hubs, including grease, oil caps and seals, cups and bearings, dust shields and studs and axles;
  - (F) tires and wheel rims, including valve stems and caps, tire pressure, rim and lock rings and rim spacers;
  - (G) hydraulic brakes and their components and functions, including type of brake fluid, master cylinders, wheel cylinders, brake lines, brake shoes and assemblies;
  - (H) electric brakes and their components and functions, including servos and control units and the principles of operation;
- (iii) trailer couplers and hitches on unlicensed, off-road trailers, with respect to
- (A) coupling units;
  - (B) fasteners, plungers, sliding fifth wheel plungers and control mechanisms and sliding racks;

- (C) air release cylinder lines, hoses and fittings;
  - (D) fifth wheel saddles, bushings and pins, fifth wheel mounting components and fifth wheel compensators and components;
  - (E) king-pins and upper coupler assemblies and turntables;
  - (F) rubber bushed hitch eyes, safety chains, cables and attachments, draw bars and attachments, pintle hooks and ball hitches;
- (iv) electrical systems, with respect to
- (A) location of lamps, connections, boxes, wiring, sockets, wiring supports and harnesses;
  - (B) wiring colour codes, interpretation of wiring diagrams, defects, grounds and broken wires and corroded or damaged wiring and wiring harnesses and supports;
- (v) body units, with respect to structural integrity, including
- (A) aluminum, steel and stainless steel components of body units;
  - (B) doors, including door seals and rollers, tracks and hardware;
  - (C) loose fasteners.

Term of the apprenticeship program

- 20 (1)** Subject to credit for previous training or experience being granted pursuant to an order of the Board, the term of an apprenticeship program for the turf equipment branch of the trade is 4 periods of not less than 12 months each.
- (2)** In the first period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (3)** In the 2nd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (4)** In the 3rd period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training and successfully complete the technical training that is required or approved by the Board.
- (5)** In the 4th period of the apprenticeship program an apprentice must acquire not less than 1000 hours of on the job training

**PART 6**  
**EXPIRY AND COMING INTO FORCE**

Expiry           **21** For the purpose of ensuring that this Regulation is reviewed for ongoing relevancy and necessity, with the option that it may be repassed in its present or an amended form following a review, this Regulation expires on March 31, 2010.

[Alta. Reg. 394/2003, 34/2008]

Coming into  
force           **22** This Regulation comes into force on April 1, 2001.