



Bay 3, 7471 Edgar Industrial Bend, Red Deer, Alberta, Canada T4P 3Z5

2023-08-11

Review of the DTRA-Glazier Section-Meeting One

Attendees: Jim Brady, Richard Munro, Stuart Cantrill

Author: Gary Porter

Regrets: Lisa Ledbury

Our first meeting revolved around the Glazier section of the Designated Trades and Restricted Activities Regulation (DTRA). Discussion revolved around several key issues, including:

1. The issues outlined within the DTRA are excellent aspects that should be encompassed in the Glazier training program, but some should not be a part of the Restricted Activities, as the sum of the glazier workforce, in Alberta, would not be sufficient for all these tasks to be completed by glaziers.
2. What are the definitions of commercial, residential and decorative glass, in the government's opinion?
3. The residential issue was discussed. For one or two story single-family residential homes, or three to four story residential, multi-family residences, with pre-manufactured window products utilized, these should be installed by framers, who are assumed to be certified journey person carpenters, under the new DTRA. These should only be installed however, following the manufacturer's installation instructions. Service of these residential products, however, should be handled by the manufacturer's forces, based on their policies and procedures (and training), or by a certified journey person glazier. Residential towers, which are site assembled aluminum framing (typically window wall, curtain wall, or non-combustible site assembled, punched windows, should be installed by a certified journey person glazier.
4. Likewise, residential pre-manufactured skylight products, should be installed by framers, who are assumed to be certified journey person carpenters, or journey person roofers, under the new DTRA.
5. Auto glass is fine to be included as an aspect of glazier training but, the vast majority of this work should be completed by journey person auto body technicians.
6. Why are frames and doors separated from manual doors? Glaziers should be involved with the assembly and installation of aluminum and all-glass doors but, are likely involved only with the installation of glass into hollow metal doors and pressed steel frames and do not get involved with demountable products, at all.
7. For automatic doors, glaziers may be involved with the glass installation and major framing that encloses some automatic doors, but in general the installation of automatic door operators and automatic sliding doors is completed by specialty automatic companies with wiring done by journey person electricians. Are specialty automatic companies using journey person glaziers or are they using their own policies and procedures (or Adams-trained (?) personnel) to train and utilize their own forces?
8. Are residential windows, tub enclosures, shower doors, guardrails, etc. standard pre-manufactured products, supplied and installed as per the manufacturer's installation

- instructions, or are these custom, site assembled, materials that should be installed by certified, journey person glaziers.
9. Are mirrors to be framed mirrors or unframed. In either commercial or residential, pre-manufactured framed mirror products, should be installed by the manufacturers trained installation teams, where unframed mirrors should be installed by a certified journey person glazier.
 10. The following restricted activities may be done by other trades, utilizing appropriate certified journey person tradespeople:
 - a. Pre-manufactured residential windows
 - b. Pre-manufactured residential skylights
 - c. Decorative glazing into millwork
 - d. Pre-manufactured residential framed mirrors
 - e. Pre-manufactured residential guardrails
 - f. Pre-manufactured residential tub enclosures
 - g. Pre-manufactured residential shower doors
 11. Per Classes of Individuals, 54(c) should only be used to grandfather tradespeople with XX years of experience into the trade and should be recognized as such by the Registrar. All others should have to challenge for their certification or attend and pass schooling. Deemed qualified, must have XX years in the business, be formally recommended by their employer with qualifications and experience and recognized as such by the Registrar.
 12. Labourers should be allowed for a probationary period their first six months, to allow the employer to ensure that they are good fit for the industry and suitable for the role/employment, before having to registering them as apprentices. Until the six-month period elapses they can be considered as unregistered first year apprentices.
 13. We strongly believe that there need to be further restrictions defining who can work above three stories and above ten stories (micro-credentialling), as these are entirely different circumstances.
 14. The following represents changes that we believe should be made to the legislation, as written:

Glazier

Restricted activities

53(1) In this section,

- (a) “glass” means any type of commercial, residential, decorative or auto glass or related material and includes

Commercial, residential (single, family, multi-family low rise, and multi-family high-rise, decorative, and auto glass all need to be defined.

- (i) curtain walls,
- (ii) skylites and sloped glazing, skylight spelling is incorrect
- (iii) frames and doors,
- (iv) automatic doors, Should be automatic door operators and automatic sliding doors
- (v) manual doors, and What differentiates a manual door from (iii) frames and doors?
- (vi) mirrors; should be unframed, flat glass mirrors

- (b) “undertakings of the designated trade” means the following:
- (i) the glazing, setting, attachment, installation and removal of all types of glass on **commercial and high-rise residential** buildings, fixtures and other uses;
 - (ii) the installation, fitting, fabrication and attachment of architectural metals or related products for ~~all types of~~ **commercial and high-rise residential** buildings;
 - (iii) the cutting, preparation, ~~fabrication or any other handling~~ **(fabrication and handling of glass may be a part of this or might be handled by companies with their own policies and procedures for this work)** of glass for buildings, fixtures and other uses.

(2) The following activities, when performed within undertakings of the designated trade, are restricted activities within the designated trade of glazier:

- (a) diagnosing problems and making repairs related to glazing;
- (b) carrying out damaged lite removal procedures and installing and sealing new components;
- (c) storing and handling glass; **fabrication and handling of glass may be a part of this or might be handled by companies with their own policies and procedures for this work**
- (d) preparing and fabricating glass to specifications; **fabrication and handling of glass may be a part of this or might be handled by companies with their own policies and procedures for this work**
- (e) selecting, cutting and fitting glass; **fabrication and handling of glass may be a part of this or might be handled by companies with their own policies and procedures for this work**
- (f) cutting, etching and installing mirrors; **fabrication and handling of glass may be a part of this or might be handled by companies with their own policies and procedures for this work**
- (g) installing glass into window frames; **for pre-manufactured windows this might be handled by companies with their own policies and procedures for this work**
- (h) installing and renovating residential windows, tub enclosures, shower doors and related products; **99.9% of residential installations are of premanufactured products**
- (i) interpreting drawings and specifications;
- (j) preparing, fabricating, installing and maintaining aluminum and glass doors, windows, storefronts, screens and associated hardware;
- (k) fabricating and installing curtain walls;
 - (l) fabricating and installing skylites~~ights~~, sloped glazing, barrel vaults, solariums and other support structures;
- (m) preparing and installing building envelope **glazing** materials and sealants;
- (n) installing structural glass, balustrades, handrails and smoke baffles;
- (o) installing and maintaining automatic and revolving doors;
- (p) operating hand and power operated equipment that is used in the designated trade.

Classes of individuals

54 Only the following classes of individuals may perform a restricted activity within the designated trade of glazier:

- (a) any individual who holds a trade certificate in the designated trade;
- (b) any individual who holds an endorsement in the designated trade;
- (c) any individual who does not hold a trade certificate in the designated trade but who, in the opinion of the individual's employer, possesses the skills and knowledge in performing the restricted activity expected of an individual who holds a trade certificate in the designated trade; **should only be used to grandfather tradespeople with 5+ (pre-2022) years of experience in the trade and should be recognized as such by the Registrar. All others should have to challenge for their certification or attend and pass schooling. Deemed qualified, must have 5+ (pre-2022) years in the business, be formally recommended by their employer with qualifications and experience and recognized as such by the Registrar.**
- (d) any apprentice with an apprenticeship education agreement approved by the Registrar under the *Apprenticeship Education and Industry Training Programs Regulation* in the designated trade; **Labourers should be allowed for a probationary period their first six months, to allow the employer to ensure that they are good fit for the industry and suitable for the role/employment, before having to registering them as apprentices. Until the six-month period elapses they can be considered as unregistered first year apprentices**
- (e) any individual who has filed an application for issuance of an Alberta Journeyperson Certificate in the designated trade if the application is subsisting and, during the time that the application is subsisting, the work of the individual in the designated trade is carried out under the supervision of an individual who holds a trade certificate or an endorsement in the designated trade;
- (f) any individual who has filed an application for approval by the Registrar under the *Apprenticeship Education and Industry Training Programs Regulation* of an apprenticeship education agreement in the designated trade if the application is subsisting and, during the time that the application is subsisting, the work of the individual in the designated trade is carried out under the same conditions as those that apply to an apprentice with an apprenticeship education agreement approved by the Registrar under the *Apprenticeship Education and Industry Training Programs Regulation* in the designated trade;
- (g) any individual who is registered in a student work training program in the designated trade;
- (h) any individual who is registered in an education or training program that is recognized by the Administrator under section 12(d)(iii) of this Regulation as a program that, on successful completion, will result in a document recognized by order of the Board under section 14(2)(c) of the Act as being the equivalent of an Alberta Journeyperson Certificate in the designated trade if, during the time that the individual is registered in the program, the work of the individual in the designated trade is carried out under a mentor and the same supervision and ratio requirements as those that apply to an apprentice with an apprenticeship education agreement approved by the Registrar under the *Apprenticeship Education and Industry Training Programs Regulation* in the designated trade;
- (i) any individual who is performing the restricted activity in accordance with an authorization granted by the Administrator under section 13 of this Regulation;

- (j) any individual who is performing the restricted activity in accordance with section 14(2) or (3) of this Regulation;
- (k) any individual who is performing the restricted activity in respect of any property that the individual
 - (i) owns,
 - (ii) has possession of or control over, and
 - (iii) intends only for personal and not-for-profit use by the individual;
- (l) any individual who is performing the restricted activity in respect of a farming and ranching operation, as described in section 1.1(1) and (2) of the *Occupational Health and Safety Code* (AR 191/2021), if the individual
 - (i) is not paid wages, as defined in the *Employment Standards Code*, for the performance of farming or ranching work, or
 - (ii) is paid wages, as defined in the *Employment Standards Code*, for the performance of farming or ranching work and, in respect of the farming and ranching operation, is a person referred to in section 1(cc)(i)(B)(I), (II), (III) or (IV) of the *Occupational Health and Safety Act*;
- (m) any individual who is performing a restricted activity within the designated trade that is the same as a restricted activity within another designated trade or branch of a designated trade and for which the same training is provided in both the designated trade and the other designated trade or branch of a designated trade if
 - (i) the individual holds a trade certificate or, if applicable, an endorsement in the other designated trade or branch of a designated trade, or
 - (ii) the individual
 - (A) is an apprentice with an apprenticeship education agreement approved by the Registrar under the *Apprenticeship Education and Industry Training Programs Regulation* in the other designated trade or branch of a designated trade, and
 - (B) has completed the training in respect of the restricted activity.

This needs more clarity in terms of labourers, companies or individuals doing residential installations, mirrors, shower enclosures, guardrails, glazing in millwork, demountables, etc.

Also need to insert a section on work above 3 stories and above 10 stories (micro credentials)

Next Meeting: 2023-09-01 11:00 via Microsoft Teams

Basic Agenda:

Review of the Draft of Changes to the Glazier Section of the DTRA-as above

Review of the STAE Act and the intent therein

Gary Porter
780 966 8684
gary.p@albertaglass.com