(h) Glue line—If glue line thicknesses do not fall within the range of 0.006 in. plus or minus 0.004 in. (except gap-filling adhesives which may have glue line thicknesses up to 1/16 in.), investigation of the production procedures shall be made to assure conformance with this Standard. Infrequent occurrences of separations of glue lines shall be so limited in amount that they shall not, in the judgment of a qualified inspector, affect the structural integrity of the member in an amount greater than the characteristics permitted in the lamination grade. Any separation of glue lines shall require investigation of records and production procedures, and may require additional physical tests. Probes, increment borings, or other means shall be used to evaluate the structural effect of separations.

5.8.2 Minor Variations—A member conforms to this Standard when minor variations of a limited extent and non-critical location exist, or when structural damage or defects have been repaired and, in the judgment of a qualified person, the member is structurally adequate for the use intended. A qualified person is one who is familiar with the job specifications and applicable design requirements and has first hand knowledge of the manufacturing process.

5.9 Reinspection—Recommendations concerning reinspection, its limitations and customary practices, are given in Appendix B.

6. QUALIFIED INSPECTION AND TESTING AGENCY

6.1 General—A qualified inspection and testing agency is defined as one that:

(a) Operates an inspection system which examines for adequacy the quality control system of its contracting plants,

(b) Provides the facilities and the personnel to perform the inspection and to verify the testing as described herein,

(c) Determines the individual plant's ability to produce in accordance with this Standard,

(d) Provides periodic inspection of the plant's production operations and production quality to assure compliance with this Standard,

(e) Enforces the proper use of the inspection agency quality marks and certificates.

(f) Has no financial interest in, or is not financially dependent upon, any single company manufacturing any portion of the product being inspected or tested,

(g) Is not owned, operated or controlled by any such company and

(h) Provides an arbitration review board to advise the inspection and testing agency and to arbitrate disputes between the agency and the laminator. Such a review board shall include:

1. A recognized independent authority in the field of engineered timber construction to serve as chairman and

2. At least one registered engineer knowledgeable in the design and use of structural glued laminated timber.

6.2 Technical Review Board—The sponsor of this Standard, American Institute of Timber Construction, shall provide a Technical Review Board with the following functions in addition to those in 6.1(h):

(a) Interpretation of this Standard,

(b) Processing of appeals to the suitability of this Standard, and

(c) Determination of the applicability and consistency of later issues of documents referenced in this Standard.

6.2.1 Membership—The Technical Review Board shall consist of a consensus committee of five members as shown in AITC 200-92.

7. MARKING

7.1 Structural glued laminated timber represented to comply with this Standard shall be distinctively marked.

7.1.1 Non-Custom Members—Non-custom members shall be marked with the following:

(a) Identification of this Standard, ANSI/ITC A190.1-1992,

(b) Identification of the qualified inspection and testing agency (see 6.1),

(c) Identification of the laminating plant,

(d) The species or species group of lumber in the timber,

(e) The applicable laminating specification and combination symbol (When design values for shear (F_{s}) compression perpendicular to grain (F_{c}) and bending (F_{b}) are other than the published tabular values for a combination, these design values must be included in the mark.),