

Hardy Frame[®] Moment Frame Receives CPRP Approval Inclusion in AISC 358.

*No Lateral Bracing Required**



The Hardy Frame Moment Frame is currently the only Special Moment Frame that has been approved by the American Institute of Steel Construction (AISC) for inclusion in AISC 358 Prequalified Moment Connection Standard – the national standard for prequalified special and intermediate steel moment frame connections in seismic applications. As a pre-qualified connection, the Hardy Frame Moment Frame connection has demonstrated that it meets current building code and third-party evaluation is not required.

Approval of the Hardy Frame Moment Frame connection is the result of an extensive review process by AISC's

Connection Prequalification Review Panel (CPRP). CPRP is a nationally recognized committee of prominent engineers, fabricators and academia; all of whom are experts in their respective fields.

The CPRP review included full-scale physical test data, detailed nonlinear finite element analysis and development of design rules for the Hardy Frame Moment Frame connection utilizing Hollow Structural Section (HSS) beams. The review confirmed that lateral bracing to prevent out-of-plane displacements and twist, and to ensure beam ductility following plastic hinge formation is not required for beam lengths less than the allowable un-braced length prescribed in AISC 360 Specification for Structural Steel Building, Appendix 1. All standard Hardy Frame Moment Frame model numbers meet the un-braced beam length limit.

Benefits of The Hardy Frame Special Moment Frame Connection:

- Approved by AISC's Connection Preapproval Review Panel (CPRP) for inclusion in AISC 358 Prequalified Moment Connection Standard.
- Meets code – third party agency evaluation for alternate materials is not required.
- Lateral bracing of the beam is not required.
- Standardized sizes with Pre-engineered designs for easy specification.
- Custom Moment Frame designs available.
- For use in residential, commercial and industrial applications.
- An ideal solution for soft-story retrofits.
- Pre-fabricated for easy installation to save time and money.



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*For wide flange beams and un-braced lengths greater than prescribed in AISC 360 lateral bracing may be required.