In addition to editorial changes to the text and commentary to improve clarity and understanding of the provisions of the code, the following have been undertaken in the D1.1:2015 edition...

**General:**
- All tubular provisions, tables, and figures moved to a new "Tubular Structures" Clause and corresponding new section of commentary
- Incorporation of AWS A5.36, Specification for Carbon and Low-Alloy Steel Flux Cored Electrodes for Flux Cored Arc Welding and Metal Cored Electrodes for Gas Metal Arc Welding
- Steels not recommended for PWHT: added ASTM A709 Grade HPS 100W [HPS 690W] and deleted ASTM A709 100 (690) and 100W (690W)

**Design:**
- Clarification regarding calculation of effective throat of a combination PJP flare bevel groove weld and fillet weld
- Additional provisions for wrapping welds on opposite sides of a common plane to permit seal welding
- Fatigue curve cases and figures revised to align with AISC 360

**Qualification and prequalification:**
- Clarification of conditions for backing other than steel in prequalified WPSs
- Reorganization and update of tables for prequalified base metals and filler metals and alignment with table for prequalified preheat and interpass temperature
- New figure for prequalified fillet weld joint details
- New figure for prequalified CJP groove, T-, and corner joints
- Clarification of CVN Test requirements for sub-sized specimens

**Fabrication:**
- Clarification of baking requirements for low-hydrogen electrodes for ASTM A514 and A517 steels
- Clarification of preheat and interpass temperature requirements for combinations of base metals
- Updated requirements for backing and for substrate cleanliness
- Clarification of provisions for oxygen gouging
- Clarification when locations of the depth of the web from tension flanges of beams or girders are considered outside the tension zone for tack welds and construction aid welds
- Revisions to the location and sequence of member and element splices
- Clarification of weld profile requirements

**Inspection:**
- Clarification regarding retesting based on quality of work
- New table for qualification and calibrations requirements of U/T equipment
- Clarification regarding calibration for sensitivity and horizontal sweep of U/T equipment

**Annexes:**
- New figures to clarify effective throat for various joint types and combinations
- Terms and definitions are now normative
- Sample welding forms extensively revised
- Safe practices has been deleted

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