



TITAN HV SAFETY SUPPLEMENT

•Post Shores:

- Install Cross Bracing as shores and framing are being erected.
- Use special precautions when shoring from or to a sloped surface. Additional cross braces must be installed to stabilize framing. Wedges should be installed under the base plate to gain adequate bearing when shoring from sloped surfaces. TITAN HV should not be used to support sloping slabs exceeding 6% of level grade.
- Do not over-extend screw adjustment (threads on TITAN shores should not be visible).

•Horizontal Shoring:

- When using the HV Drophead, ensure that:
 - the Drophead is secured to the Post Shore (2 bolts min.).
 - the Drophead ledger is in the “up” position and that the disk wedge is securely engaged.
- Ensure that the bearing ends of the Main & Secondary Beams are securely seated in the Drophead or Main Beam ledger supports prior to placing loads on members.
- When 4X’s are used as secondary beams, ensure that:
 - A structural engineer has reviewed the conditions and approved their use.
 - Full bearing is achieved at the Main Beam.
 - Nails are used to prevent the 4X from dislodging.
- When beams require mid-span support (i.e. Cantilevered beam conditions, heavy slabs etc.), be sure that:
 - Positioners are used under Beams to ensure concentric loading and Post Shore stability.
 - Safety Catches are installed where cantilevered beam conditions exist to resist possible uplifting. Install sufficient Safety Catches prior to loading cantilevered members.
 - Materials and/or equipment should never be stored on cantilevered framing.
 - Adequate Cross Bracing is installed to stabilize cantilevered conditions.

•Early Beam Removal:

- The early beam removal option is subject to a structural engineer’s approval and may only be done with the quick-release Drophead in accordance with TITAN’s minimum standards. In addition, Post Shores must remain undisturbed during this process.



TITAN HV SAFETY SUPPLEMENT CONT.

•Theft:

- Ensure secure work site.
- Avoid storing HV equipment in plain view of public areas.
- Avoid leaving stacked equipment unattended. Strip and stack only as much HV equipment as can be subsequently re-installed or shipped off-site the same day.

•Equipment Care:

- Never drop HV equipment.**
- Continually remove excess concrete build-up.**
- Never strike aluminum HV framing members and/or Post Shores with a hammer, stripping bar or similar.**
- Continually inspect all welds prior to installation, cull out cracked or otherwise suspect welds for inspection by Mfg. or their agent(s).**
- Do not remove pin from Post Shore while shore is in vertical position.**

•Barella Carts:

- Do not use for purposes other than handling and transporting HV equipment. THE USE OF BARELLA CARTS AS MOBILE SCAFFOLDS AND/OR PERSONNEL PLATFORMS IS STRICTLY PROHIBITED.
- Take care not to overload Barellas, review bundling standards to ensure proper loading. Barellas with wheels are designed to be pushed by hand. USING MACHINERY TO PUSH OR PULL BARELLAS IS STRICTLY PROHIBITED. Continually inspect wheel/Barella connection and tighten as required.
- Ensure bundles are stable before hoisting to avoid falling material hazards.
- Adhere to the following stacking standards to avoid load instability and/or equipment damage:
 - Shipping & storage (without wheels):
 - Post Shores - 2 Barellas high max.
 - Aluminum Beams - 3 Barellas high max.
 - On-site movement activities (with wheels):
 - Post Shores - 1 Barella high max.
 - Aluminum Beams - 2 Barellas high max.