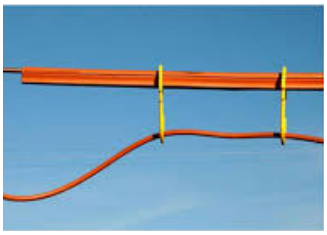
Mechanical Jumpers - MACS

Guidelines for Mechanical Jumpers

- Maintain control of jumper ends at all times
- **NEVER** have an energized or grounded jumper end in the bucket
- Communicate during job-briefing the procedures for installation and removal - *site specific*
- Assign a dedicated observer and clearly indicate his responsibility
- Operators shall verbally indicate their intent to the observer before installing or removing mechanical jumper
- *If you are unsure or don't know - ask before proceeding!*
- **Install cover-up properly**
    - Jumper insulation is for incidental contact only
    - Isolate and support / secure jumpers in the clear - utilize jumper supports
    - Cover all exposed parts - pay close attention to the jaw area





- Apply cover-up to areas where the mechanical jumper makes contact or is supported
- **NEVER** make or break load with a jumper
- Utilizing an insulated jumper holder or a "T" handle will provide greater control and safety when dealing with mechanical jumpers





Site-specific mechanical jumper discussion

- Held at the base of the structure on which the mechanical jumpers will be installed or removed
- Step-by-step plan communicated to entire crew
- Assign roles and responsibilities - including a dedicated observer
- Dedicated observer must not be distracted and shall insure operators communicate their intent **before** authorizing installation or removal of jumpers
- **NEVER** allow jumper ends to be located in the bucket when one end is attached to or near energized equipment, neutrals or grounds