

# ***BFC Tools and Tool Trailer***

## **Construction Equipment/Tools and Trailers**

The tools (1600+) provided on each construction project is above \$200,000.00 in value. This represents a large investment by the BFC organization and we need to exercise some sense of ownership which will help us take better care of the equipment.

Listed below will be a general breakdown of certain equipment that is used during each project. Rules and care will be highlighted for each piece of equipment listed.

### **AIR COMPRESSOR** (daily maintenance, safety, usage)

- Check oil level each morning & after lunch
- Open the bottom drain valve to release the moisture from the tanks at noon & at the end of the work day. Keeping moisture out of the tank will make the equipment work better. Warm weather may cause the compressor to build up moisture more frequently
- Release all the air completely after turning off compressor for the day.
- Air leaks around the tank are not uncommon and the compressor fitting should be tightened as needed
- Working on the air compressor should ONLY be done with NO air pressure on the tank
- If air compressor does not cut off then there might be a leak or excess moisture in the tank
- Once air compressor configuration is set up DO NOT change it
- Air pressure to each individual nail gun should not exceed 120 PSI (pounds/square inch) Pressure above 120 will damage the nail gun

### **EXTENSION CORDS** (care)

- Should be rolled up each night and the plug ends should be coupled
- When disconnecting from power source pull the plug, yanking the plug out by the cord can damage the cord
- If damaged, all repairs should be handled by the "trailer personnel"
- Refrain from running over extension cords with other equipment

### **AIR HOSES** (care)

- Should be rolled up each night and connect the plug to the coupler
- Do Not let air hose coupler or plug be submerged in standing water
- Should any air hose need repairing, return to tool trailer with a note stating what needs to be repaired

### **NAIL GUNS** (safety, operation and care)

- Currently there are 100+ nail guns on the tool trailer

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- Normal operating pressure for a nail gun is 100 PSI or lower, NEVER to exceed 120
- Each nail gun will have a regulator attached to it set to operate at the suggested PSI for that particular nail gun
- Never use a nail gun as a hammer
- Never clamp or tape the trigger
- Never leave the nail gun unattended with the air hose attached
- Do not use if the nail gun is leaking air or does not function properly
- Always carry the nail gun by the handle and never carry the tool by the air hose or trigger
- When returning nail guns, all nails MUST be removed. This is a safety requirement that MUST be followed.

### **NAIL GUN WITH A GRAY TRIGGER (operation)**

This is a sequential trip operation nail gun

1. With the finger OFF the trigger (gray), press the contact tip against the work surface
2. Pull the trigger and the tool will cycle one time
3. Move on to next spot and repeat steps 1 & 2

### **NAIL GUN WITH BLACK TRIGGER (operation)**

This is a contact trip operation nail gun (bump nailer)

1. Press the contact tip against the work surface and pull trigger (tool will cycle)
2. With the trigger engaged each additional contact to a work surface will cycle a nail being released. As long as the trigger is engaged a nail will be released each and every time it comes in contact with a surface. **SAFETY NOTE:** *Be very careful in what you touch the contact tip with while the trigger is engaged.*
3. Keep finger off trigger until you are ready to make contact with a nailing surface

### **SPIDER TEMPORARY POWER**

Hubbell – Wiring Device – Kellems

SBSB2-50A 120/240V – 60HZ

Spider Temporary Power Box (6) system (GFCI)

- 6 20A 125V straight blade receptacle
- 1 30A 240V twist lock plug (for air compressors)
- Built in circuit breakers
- Each 20A 125V plug is class A GFCI protected (6)
- If power breaks for any reason the GFCI must be reset for power to be restored
- Don't run over the power cords

## ***BFC Tools and Tool Trailer***

- System breaker panel – minimum breaker 100 AMP
- Repairs to be done by HUBBELL CERTIFIED ELECTRICIAN



### **RETURNING EQUIPMENT**

All equipment taken from trailer each day **MUST** be returned at the end of the work day or may be returned during the day when you have completed the task. **NO EXCEPTIONS PLEASE.**

All equipment being returned to the trailer for repairs need to have a note attached explaining what needs to be repaired. This will speed up the process of getting the item back in working order.