

## PLS - 48vDC Laser Source Load Test: *On the Power Supplies.*

- Home-Z the Main Stage; Ensure that all doors are closed.
- Power System Off.
- Remove Access Panel to the PS Mod.
- Using a multi-meter set to DC Voltage, check 48vDC when system is at 100% Power vs 40% Power:
  - Test each laser PS pair separately. (note: numbers below denote which laser it is paired with)
  - Remove clear plastic covering the Power Terminals on associated PS bricks.
  - Loosen Post Leads for each terminal.
  - Tie in each lead of your multi-meter to the pair of Power Leads. (see example)
- Using Beam Alignment Mode, run two voltage tests per PS pair individually.
  - Test 1: 40% PWR - 30 Sec.
  - Test 2: 100% PWR - 30 Sec.
- Acceptable voltage is 48vDC +/- .05v. If it out of range, contact Support at 480-609-0297 or [support@ulsinc.com](mailto:support@ulsinc.com)

