**Sterling White**

**Portland, OR 97229 (503-432-9000) Sterlingwhite85@yahoo.com**

**Education and TRAINING:**

**Northwest Renewable Energy Institute Vancouver, WA**

**Wind Turbine Technician Diploma July 25, 2012**

**Safety:** CPR/First Aid Certified, OSHA-10 Safety Certified, use of Lad-Safe fall protection, descent training

**Documentation:** Technical Writing, inventory, job hazard analysis, field service reports

**Electrical:** Schematics, Electrical Safety, voltage testing, Fluke multi-meters, AC/DC circuits, relay control, AC/DC

Motors, transformers, capacitance, and troubleshooting

**Mechanical:** Gearbox characteristics and maintenance, bearing maintenance, component failure and troubleshooting, lubrication,

Heating/cooling, condition monitoring, laser alignment

**Hydraulics:** Schematics, valve operation, performance analysis, troubleshooting, and repair

**RELEVANT EXPERIENCE:**

 HYTORC Torque and Tension Certification

 OSHA-10 Safety Certified, tower climbing certified, fall protection, descent training

 Low/Mid Voltage testing, verbal & hand crane signals, crane communication, laser leveling, low speed shaft calibration,

 Ability to read electrical/hydraulic schematics and blue prints

 Ability to troubleshoot and repair mechanical/electrical components

 NFPA 70E Certification

**WORK Experience:**

**Blattner Energy San Diego, CA**

**Wind Turbine Technician/Construction June 2012 – Jan 2013**

* Worked with mechanical completion doing low/mid voltage testing
* Erected 96 Siemens towers, sections including tower, nacelle, rotor, blades
* Blattner (climbing certified) with focus on assembly of Siemens wind farm, hydraulic torque and tensioning
* Communicate with crane operator to call in tower sections, would complete entire turbine ready for final inspection
* In-depth understanding on function and purpose on wind turbine generators with safety being the number one goal

**Solarworld** **Hillsboro, OR**

**Machine Operator/Maintenance Technician Jan 13, 2011-Jan 8, 2012**

 Dismantled, cleaned and repaired poly silicon crystal growing machines using specialized tools required for the job

 Operated and controlled up to 14 machines at any given time, controlling the diameter and length of crystals

 Examined and recorded data from MES software system and grower machines for engineering feedback

 Scope the length and width of the crystals in (mm) and (kg)

 Worked in the first step process of a solar panel alongside a crew of 21 people

**R And H Construction: Portland, OR**

**Commercial Carpenter Feb 2008- May 2010**

 Worked on commercial sites doing everything from framing to finish work

 Specialized in green buildings and sustainability

 Metal/wood framing, Acoustical ceilings, H-vac, Concrete work, Roofing, Flooring, electrical conduit, JBox,

 Worked with teams of 5-25 guys to perform the daily tasks

**Horizon Restoration: Tigard, OR**

**Carpenter Apprentice May 2006-June 2008**

 Residential and commercial construction

 Experienced with all phases of construction from framing to finish work

 Worked on several multimillion dollar jobs site from start to finish

 Certified in EMS (Emergency Mitigation Systems) to assist on emergency job sites

 Trained to use all power/hand tools to perform the job