



Hudson Scenic Studio
130 Fernbrook Street
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JOB POSTING

Job Title: **Technical Designer- Set Electrics (I.A.T.S.E. Local 1 Union position)**

Hudson Scenic Studio is an IATSE-affiliated leading provider of custom scenic fabrication, automation, scenic electrification, and painted scenery servicing the live entertainment industry. To learn more about the company, please visit our website www.hudsonscenic.com. Location: Yonkers, NY.

A Technical Designer specializing in Scenic Electrics is responsible developing various lighting solutions for the live entertainment industry, based on design concepts as well as visual information and technical specifications, to develop safe and cost-effective construction methods.

Wages are hourly and competitive, under the IATSE Local 1 CBA.

Key Responsibilities

- Developing Scenic Electrical technical solutions for the live entertainment industry.
- Create technical drawings for shop build based on designer drawings, layouts, and other visual concepts.
- Draft detailed electrical wiring diagrams, schematics and installation drawings.
- Research and receive quotes from vendors to create purchase orders for materials, hardware and equipment required to execute the construction of designed units.
- Actively communicate with construction team and participate in the commissioning of units designed.
- Works closely with Project and Production managers to meet budgetary and scheduling goals.
- Communicate with client creative and supervisory staff during the design and construction phases of the project.
- Help monitor quality control.
- Participate in the bid process.

Qualifications

- Bachelor's degree or above in Technical Theatre, Engineering, and/or equivalent experience with a focus in set electrics.
- Minimum 3 years of relevant experience in Entertainment construction design.
- Knowledge of, but not limited to Led Lighting, Electroluminescent, Neon, Incandescent Effects, Artnet, DMX, Sacn, ETC Lighting consoles, 0-10v and PWM control.
- Proficient in the layout of AC single phase and three phase power systems, as well as DC power distribution.
- Fluent in AutoCAD and Excel.
- Knowledge of AutoCAD electrical, Vector works, Adobe Photoshop, Illustrator.
- Solid knowledge of stagecraft practices with a focus in standard practices (theatrical and National Electric Code). Shop fabrication experience recommended.
- Self-motivated, able to work under pressure and lead when necessary. Able to take direction.
- Excellent team player.

Hudson Scenic Studio is an equal opportunity employer. Please apply by sending cover letter & resume (with references) to: hr-payroll@hudsonscenic.com