

## JOB DESCRIPTION

<b>DATE</b>	13 <sup>th</sup> August 2021	<b>DEPARTMENT</b>	TOD: Lighting Department
<b>APPROVED BY</b>	Anton Montaut Technical Director	<b>REPORTS TO</b>	Head of Lighting Assistant Head of Lighting



### Lighting Technician – Day Maintenance

Reporting to the Head of Lighting, & Assistant Head of Lighting, the Lighting Technician – Day maintenance is responsible for working as part of the Lighting, Video & SFX team to operate, maintain, and install Lighting and Laser show elements and systems in a safe and consistent manner for “La Perle”. Additionally, the employee will participate in the development, operations, and maintenance procedures for Lighting and Laser equipment and elements that pertain to the Lighting, Video & SFX and/or Technical department

### Roles and responsibilities

Specific Job Functions and Skills –

- Maintain and repair all La Perle Lighting fixtures, majority Clay Paky
- Assist in the maintenance of Barco HDF and Epson Projectors
- Create and deploy maintenance schedules based on inspection and an understanding of the lifespan of products and components
- Electrical competency and safety awareness ability to create load calculations, understanding of up to date practices and their application around the theatre
- Ability to work at heights and in tight spaces
- Follow and support the equipment and inventory management procedures and requirements as required by the company. Utilize the tools and procedures provided by FIIX, the Central Maintenance Management System (CMMS) to maintain inventory and equipment data
- Basic understanding of networks, media servers, dimmers, relays, portable power distribution equipment, GFCI/AFCI breakers and the safe procedure for shutting down and re-energising systems in order to safeguard maintenance work and the longevity of equipment lifespan
- Basic operation skills of GrandMa 2 console including powering on of specific fixtures, testing and control (individually and by group), identification of nodes. (Ideal: testing of fixtures from within show cues, updating patch accordingly due to relay/fixture changes)
- Uphold highest levels of safety with regards to tool handling, drop zones, and electrical safety.
- Willingness and ability to read technical manuals and contact suppliers for assistance with technical issues.
- Correct, safe use and storage of chemicals, solvents, glues and cements relevant to maintenance work including updating of MSDS documentation
- Run thorough daily rig checks with operators, ensuring the correct functionality of the entire Lighting and Laser systems.

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- Investigate installed cabling and electrical systems with a view to making improvements to layout, cable usage and simplicity of use whilst considering safety and usage around equipment from other departments.
- Understanding of networks, media servers, dimmers, relays, portable power distribution equipment, GFCI/AFCI breakers and the safe procedure for shutting down and re-energising systems in order to safeguard maintenance work and the longevity of equipment lifespan
- Inspect all electrical systems throughout the theatre and take action accordingly dependant on level of risk and required responsibility towards the equipment concerned.
- Be prepared for a flexible schedule for work calls, special events, rehearsals, training, maintenance and evening show performances.
- Help other departments and develop close communication with other maintenance teams in order to schedule work effectively
- Assist the Aquatics team with the repairs of underwater lighting fixtures.
- Maintain a safe working environment by conforming to all established safety policies and procedures. Participate in all required safety classes and emergency rescue procedure trainings.
- Develop a thorough knowledge of all departmental equipment specific to the production in order to operate it safely.
- Adhere to standards and regulations pertaining to the safety, and comply with safe working methods.
- Perform other tasks and carry out projects as assigned by the Head of Lighting.

### **Essential Skills**

- Clay Paky Maintenance experience.
- IRATA or equivalent certification with rope access maintenance experience. (Certification can be renewed, trained on job)
- Competent in electrical theory and it's applications
- Good understanding of rigging, hauling and securing equipment
- Experience in a large-scale, long running productions related to theatrical lighting.
- Flexibility, autonomy, team player.
- Work independently in a safe and productive manner
- Good communication skills.
- communicate suggestions, concerns and concepts in a clear and precise manner
- Ability to handle contingencies and work well under pressure.
- Knowledge of Microsoft software for Windows.
- Available to work full time and to work in Dubai, United Arab Emirates.
- Fluent in English (Written, Spoken).

### **Desirable Skills**

- PADI Open Water certification (or above) or the desire and ability to receive PADI Open Water certification (Training Provided)
- IRATA certification
- Good organizational skills.
- Laser Safety Officer certification (LSO)

### **Qualifications**

- College diploma (or degree) in live entertainment or theatre production (or equivalent work experience).
- Proven experience as a Lighting maintenance technician, field experience with repairs and troubleshooting, and the use of digital test equipment to perform such repairs. Electrical and electronics knowledge.
- Proven experience in a theatre, acrobatic or dance show environment.