

## **SADLER'S WELLS SKILLS ASSESSMENTS**

### **LIGHTING**

#### **Standard (0.5)**

Reading a lighting plan  
Colour and accessories selection  
Rigging lanterns with accessories, and plugging according to the plan  
Focusing  
Lantern and practical wiring  
PAT testing and maintenance

#### **Intermediate (0.5)**

Followspot operation  
Basic desk operation  
Lighting rig pre-show checks  
Special effects

#### **Advanced (1.0)**

Interpreting artistic requirements  
Troubleshooting and system failure workarounds  
Drawing lighting plans with circuits, equipment and accessories  
Lighting design skills  
First line maintenance of moving lights and scrollers  
Advance operation of lighting desk (plotting/patching/attributes)  
Operation and replotting of architectural lighting systems  
Networking architectural and/or lighting systems  
Specifying and ordering hire and sales equipment and handling returns  
Electrical theory for loading circuits, dimmers and main supplies  
Risk assessments

### **SOUND**

#### **Standard (0.5)**

Reading sound plans and plots  
Identifying and rigging equipment  
Show communications - hard wired  
Rigging cue light systems  
Knowledge and use of microphones for artists and musicians  
Rigging radio microphones

### **Intermediate (0.5)**

Show communications - radio  
Operating radio microphones and wardrobe/artist co-ordination  
Interpreting artistic requirements  
Plotting and operation of house consoles  
Specifying and ordering hire and sales equipment and handling returns  
Show relay, loop, infra-red systems etc.  
Testing sound, radio, mics, cue lights and comms pre-performance  
Digital desk programming and operation  
Digital signal processing operation

### **Advanced (1.0)**

Microphone selection  
Interfacing house and visiting company equipment  
First line maintenance  
Digital signal processing set-up and networking  
Complex mixing console operation (knowledge of multiple desks)  
Electronics theory for equipment selection, plugging, patching, and connectivity  
Relevant H&S standards  
Risk assessments

## **MEDIA**

### **Standard (0.5)**

Set-up and operation of projectors and laptops  
Rigging and operating of all Sadler's Wells AV equipment  
Testing AV rig pre-show  
Interpreting event/client requirement and able to offer solutions  
Specifying and handling hires and sales equipment and returns

### **Advanced (1.0)**

PowerPoint (or similar) software knowledge, including presentation planning and creation  
Knowledge of video operating systems (e.g. catalyst, Qlab)  
Vision mixing and editing  
Appropriate hardware and software selection, including troubleshooting and workarounds  
Integration with other departments (sound feeds, blackout shutter)  
First line maintenance  
Electrical theory for avoiding signal interference, loading circuits and mains supplies  
Relevant H&S standards  
Risk assessments

## **HEAVY RIGGING**

### **Standard (0.5)**

Specifying and installing customised rigging (other than Sadler's bars and hoists)  
Knowledge of relevant regulations  
Rigging static and moving loads of one tonne and above  
Knowledge of lifting accessories: spansets, steels, roundslings, shackles etc.

### **Advanced (0.5)**

Accredited & comprehensive heavy rigging training  
Knowledge and use of structures: beams, truss, scenery and ground support  
Thorough inspection, examination and testing of equipment, and record keeping  
Use of chain blocks and motors, accreditation of use (e.g. lodestars)  
Risk assessments

## **FLYING**

### **Standard (0.5)**

Loading and rigging  
Brailing & breasting bars  
Spot lines – fixed and running  
Knowledge (and understanding correct application) of all key knots  
Basic show operation  
Knowledge of safe working practice  
Experience of Hemp and Single/Double purchase counterweight flying

### **Advance Manual (1.0)**

Interpreting artistic requirements  
Preparing hanging plot for manual flying from visiting company information  
Creating show flying plots  
Maintenance of flying equipment  
Load and lifting H&S standards  
Risk assessments

### **Advanced Automated (0.5)**

Preparing hanging plot for power flying from visiting company information  
Repositioning mechanised grid equipment – beams and pulleys  
Nomad (or similar) programming, plotting and operation  
Specialist cleaning, first line maintenance and diagnostics  
Trouble shooting and system failure workarounds

## **STAGE / CARPENTRY**

### **Standard (0.5)**

Carpentry: able to use hand and power tools, able to construct basic scenic elements from plans e.g. rostra and steps

Plans: able to read and implement stage plans accurately, including setting scenic and technical elements

Soft goods: repairs to gauzes, cloths and drapes

Orchestra pit: operation and first line maintenance and cleaning of pit elevators, motor pit, and seating rostra

### **Advanced (0.5)**

Stage: House stage management duties, able to lead stage get-ins and get-outs

Shows: Leading scene changes, safe handling of scenic elements, flys spotting, and devising show plots