Electric prep checklist

Electric prep is the check of fixtures, cable and distribution at the rental house before the shoot. Every light is switched on and tested; anything that does not work is replaced there, not on set. The list is generic and does not replace the gaffer, who is responsible for electrical safety.

FILM OR PROJECT TITLE

DIRECTOR

DIRECTOR OF PHOTOGRAPHY

PRODUCTION COMPANY

RENTAL HOUSE

PREP DATES

SHOOT DATES

LIGHTING AND POWER PACKAGE

Contacts

ROLE	NAME	PHONE	EMAIL
Production (contact)			
Rental house (contact)			
Director of photography			
Gaffer			
Best boy electric			
Generator operator			

01 General

- [ ] Rental list checked against the gaffer's list; differences confirmed with production and the rental house
- [ ] Missing items noted and reported to the rental house straight away
- [ ] Condition of the kit photographed; damage to fixtures, cable and cases noted and reported to the rental house

NOTES

02 Fixtures

- [ ] Every fixture switched on and tested at full output; serial numbers noted
- [ ] Dimming smooth from bottom to top, with no flicker at the planned shooting speeds
- [ ] LED: colour temperature and colour rendering checked; same firmware on fixtures of the same model
- [ ] Fans quiet enough for sync sound, including in silent mode
- [ ] Lenses, safety glass and reflectors intact and clean
- [ ] Accessories present for every fixture: barndoors, gel frames, grids, softboxes, lanterns

NOTES

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03 Ballasts and power supplies

- [ ] HMI: cold strike and hot restrike tested with their own ballast
- [ ] Head-to-ballast cables intact, connectors clean and tight
- [ ] Ballasts and power supplies free of hum or overheating after at least thirty minutes

NOTES

04 Cable and distribution

- [ ] Cable and extensions intact: no cuts in the jacket, no burn marks on plugs or sockets
- [ ] Enough CEE 16, 32 and 63 A connectors; adaptors present
- [ ] Distribution boxes with residual current devices; test button pressed and working
- [ ] Power strips rated for the planned load
- [ ] Cable ramps and mats for walkways

NOTES

05 Generator or tie-in

- [ ] Generator output checked against the total planned load, with headroom
- [ ] Fuel, earthing and a position away from set and from the sound recordist agreed
- [ ] Location power: panel and available capacity checked by a qualified electrician

NOTES

06 Lighting control

- [ ] Desk or control app tested; DMX addresses assigned and marked on every fixture
- [ ] Wireless DMX (CRMX): transmitters and receivers paired and tested at set distance
- [ ] Spare DMX cables and terminators

NOTES

07 Gels and diffusion

- [ ] Conversion gels (CTO, CTB) and correction present as listed
- [ ] Lighting ND and diffusion in rolls and sheets
- [ ] Enough wooden pegs, aluminium tape and gaffer tape

NOTES

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08 Batteries

- [ ] Batteries for battery-powered LEDs: enough for the day, all charged, condition noted
- [ ] Chargers working and battery plates compatible with the fixtures

NOTES

09 Safety

- [ ] CO2 fire extinguisher next to the distribution and the generator
- [ ] Safety cables on every fixture rigged overhead
- [ ] Work gloves and personal protective equipment present
- [ ] Cable runs marked and protected across walkways

NOTES

10 Expendables and spares

- [ ] Spare lamps and fuses for the fixtures that use them
- [ ] Cable ties, tape, pliers and tools; tester or multimeter

NOTES

11 Fixture sheet

FIXTURE	SERIAL NO.	POWER ON	DIMMER	FAN	ACCESSORIES	NOTES
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	
		☐	☐	☐	☐	

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Replaced or missing items

Notes

GAFFER

REPORTED TO THE RENTAL HOUSE (CONTACT)

DATE

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