



GENERIC RISK ASSESSMENT

Date: N/A	Assessed by: N/A	Production Company / Job Ref: N/A	Location/s: N/A	Review date:
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Task:
The assembly, inflation and operation of Leelium tube-lights, for the purposes of illuminating a large internal or external space.

Activity	Hazard	Who might be harmed and how	Existing measures to control risk	Risk rating	★Result
Assembly of internal lighting rig/s.	Risk of electric shock.	Leelium technician/s working inside tube-light	Assembly to be carried out by competent technician/s trained by Leelium Balloons Ltd. At least one technician to remain outside the tube-light to: ensure the tube-light remains isolated from electrical supply; to monitor flow of air into tube-light; to ensure the tube-light is adequately secure.	Low	A
Inflation of tube-light with helium.	Inhalation of helium. Poorly secured cylinders.	Leelium techs, crew, cast, extras, staff.	Main inflation pipes to be monitored at all times by Leelium tech/s. Cylinders to be adequately secured, or laid on the ground. Those not directly involved with the inflation process should please maintain a safe working distance – to be implemented and controlled by the locations department in consultation with Leelium technicians.	Low	A
Tethering of tube-light with black/white/transparent lines.	Trip hazard. Walking into lines.	Leelium techs, crew, cast, extras, staff.	Where possible tether lines should be secured above head height. If required to tether to the ground then hazard tape (or suitable alternative) should be used to highlight the tether lines.	Low	A

Activity	Hazard	Who might be harmed and how	Existing measures to control risk	Risk rating	★Result
Cabling up and ignition of tube light	Risk of electric shock.	Leelium techs, crew, cast, extras, staff.	Only Leelium techs or electrical department to handle power cables, electronic ballasts, switch-boxes and dimmers relating to the tube-lights. All mains distribution to be handled and monitored by electrical department.	Low	A
Operation of tube-lights.	Risk of electrical component or bulb failure.	Leelium techs, crew, cast, extras, staff.	All components to be properly maintained and regularly inspected by Leelium Balloons Ltd. Leelium techs and electrical department to ensure that all relevant safety switches are engaged and grounding is in place.	Low	A
Operation of tube-light	Sudden or gradual loss of helium causing tube-light to deflate and descend to floor.	Leelium techs, crew, cast, extras, staff.	A 'top-up' pipe is to be connected to the tube-light (in-line with the power cables) so that in the event of a puncture helium can be continuously (or intermittently) pumped into the tube-light, allowing it to remain in situ until such time as repairs can be carried out. Leelium technician to continually monitor the tube-light while it is in operation for signs of deflation.	Low	A

★Result: T = Trivial; A = adequately controlled; N = not adequately controlled – action required; U = unknown risks