Lifting Operations

1. Introduction

All lifting operations carried out on LLA premises must be properly planned, risk-assessed, supervised and executed by competent personnel. Contractors are responsible for ensuring that all lifting equipment, lifting accessories and lifting activities comply with the Lifting Operations and Lifting Equipment Regulations (LOLER) and any additional requirements set by LLA. Any lifting operations requires a work authorisation with a in depth plan alongside a set of RAMS.

No crane, drilling rig, piling rig or similar lifting plant may enter site without prior approval from the LLA Company Representative and the Airport Operations Department (airside and landside).

2. General Requirements

- Only tested, certified and correctly marked lifting equipment and accessories may be used.
- Contractors must provide evidence of thorough examinations, inspection records and insurance certificates on request. Copies must be kept on site.
- All lifting equipment must be suitable for the task, maintained in good condition and used in accordance with manufacturer instructions and statutory requirements.
- Crane operators, slingers, signallers and lifting supervisors must be trained, competent and authorised, meeting the standards set out in HSE guidance (e.g., HSG 39) and industry best practice.
- Lifting operations must not begin until the relevant High-Risk Permit and Work Authorisation have been approved.

3. Planning and Control of Lifting Operations

- Every lifting operation must be properly planned by a competent person and carried out under adequate supervision. The lift plan must be proportionate to the complexity and risk of the lift
- The lift plan must:
    - identify the foreseeable risks
    - specify the equipment, accessories and personnel required
    - detail the lifting method, sequence and communication arrangements
    - confirm exclusion zones and protection of third parties
    - include emergency arrangements
    - be briefed to all members of the lifting team before work starts
- Routine or repetitive lifts may use a generic plan, but any lift involving cranes, HIABs, tower cranes, truck-mounted cranes, rough-terrain cranes, loader cranes or overhead cranes must have a task-specific lift plan documented within the Work Authorisation and High-Risk Permit.
- A pre-start meeting must be attended by the Work Sponsor / Project Manager / Supervisor (or their delegate) to ensure all aspects of the lift are understood and controlled.

4. Factors to Consider in Lift Planning

- The lift plan must consider, as applicable:
    - working under or near suspended loads

- visibility and communication
- attaching, detaching and securing loads
- environmental conditions (wind, weather, lighting)
- ground conditions and stability
- proximity hazards (buildings, aircraft, vehicles, services, overhead lines)
- derating due to radius, boom length or configuration
- risk of overturning
- lifting people (only permitted with equipment designed for that purpose)
- overload prevention
- pre-use checks and ongoing equipment integrity
- escape routes and emergency procedures

5. Site Access and Airport-Specific Controls

- No crane or lifting plant may enter site without prior approval from the LLA Company Representative and Airport Operations.
- Airside lifting operations require additional coordination, including escorting, FOD control, lighting, and communication with Airside Operations.
- Lifting near aircraft, taxiways, aprons or navigational equipment must be planned in consultation with Airport Operations and may require additional restrictions or supervision.
- Contractors must ensure that lifting operations do not obstruct emergency routes, passenger flows or airport services.

6. Supervision and Competence

- Lifting operations must be supervised by a competent Lift Supervisor who has the authority to stop the lift if conditions change or the plan is not being followed.
- Operators, slingers and signallers must hold appropriate, in-date training and be familiar with the specific equipment being used.
- Only authorised personnel may enter the lifting area or exclusion zone.