

CONSTRUCTION CRANE LIFTING PLAN

General:

Production:	Lift Date / Time:
Production Location:	
Specific Lift Location:	
Crane / Telehandler / Equipment Company:	
Production Department(s) Utilizing Crane:	
Special Effects <input type="checkbox"/> Stunts <input type="checkbox"/> Set Lighting / Electric <input type="checkbox"/> <input type="checkbox"/>	Grip Construction <input type="checkbox"/> Other(s): _____ <input type="checkbox"/> <input type="checkbox"/>
Lift Height:	
General Description of Lift:	
Equipment Operator:	Qualifications:
Lift Supervisor:	Qualifications:
Rigger:	Qualifications:
Head(s) of Department(s) Utilizing Equipment:	
Department: _____	Name: _____
Department: _____	Name: _____
Department: _____	Name: _____

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Equipment:

Manufacturer:		Model:	
Equipment Capacity (lbs)	Over Rear:	Over Front:	Over Side:
Route of Travel:			
Crane Capacity (lbs):		Maximum Radius (ft):	
Boom Length:		Jib Length:	
Load Block	# of Sheaves:	Size:	Weight:
Secondary Block	# of Sheaves:	Size:	Weight:
Hoist Rope Diameter:			
Maximum Rated Capacity for Lift Radius and Boom Angle (lbs):			
Maximum Equipment Load for Lift Radius and Boom Angle (lbs):			
Lift Rated Capacity (%):			

Load:

Load Weight (lbs):	Source of Load Weight:
Load Weight Confirmation:	
Total Rigging Weight (blocks, lifting beam, slings, shackles, rope, etc.) in lbs:	
Total Load Weight (load + rigging) in lbs:	

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Rigging:

Sling(s)	Number:	Diameter:
	Length:	Capacity (lbs):
Shackle(s)	Number:	Size:
	Type:	Capacity (lbs):

Site Conditions:

Ground Conditions:	
Outrigger Position:	Mat Size (under outrigger floats):
Degree of Level (°)	Level Confirmation:
Maximum Allowable Wind speed in mph (per crane manufacturer):	
Site Wind speed Range (mph):	
Method of Wind speed Confirmation:	
Site Weather Conditions:	
Proximity to Other Workers (not involved in the critical lift):	
Proximity to Power Lines:	
Obstacles or Obstructions to Lift or Swing:	
Proximity to Other Hazards (describe):	

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Inspections:

Equipment	Daily Inspection Date:	Competent Person:
	Annual Inspection Date:	Competent Person:
Rigging	Date:	Competent Person:
Personnel Platforms	Date:	Competent Person:

Communications / Signaling (check all that apply)

- Standard Signaling
- Voice
- Radio Telephone
- Other (describe): _____
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Lifting Criteria (check all that apply):

- Lifting production-specific equipment / operations (special effects rigs, stunt rigs, lighting boxes, light diffusion rigs, etc.). If so, the total weight of the load must not exceed 50% of the equipment's load chart capacity and all load lines and rigging components, must have a minimum safety factor of 7 to 1.
- Lifting greater than 75% of the rated capacity Lift
- involving more than one piece of equipment
- Lift over occupied structures or tight quartersBlind
- lift (out of view of the operator)
- Lift near power lines

- Hoisting personnel
- Lift involving non-routine rigging techniques Lift
- where the center of gravity may change Lifting
- high value, hazardous, or explosive loadsLifting
- submerged loads
- Other (describe): _____
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Required Attachments:

- Diagram of the item to be lifted.
- Rigging plan or diagram that identifies intended lift points, sling angles, and sling connections.
- Diagram of the intended path of the load.
- Copy of the equipment’s capacity load chart for the configuration involved in the lift. Copy of
- the equipment operator's license / certification / accreditation.
- Stamped, signed copy of the engineer’s lift evaluation.

Approvals:

Project Manager:	Date:
Supervisor:	Date:
Equipment Operator:	Date:
Engineer:	Date: