

Brookhaven National Laboratory Rigging Plan Worksheet

Building #:

Work Location:

Job #:

Project Title:

Project Engineer:

Note: Rigging Plans are to be submitted to the BNL Hoisting & Rigging Inspector for review and approval at least 4 working days prior to the lift. All lifting equipment and operations must be conducted in accordance with applicable DOE, ANSI and OSHA Standards.

Mobile Crane Operations:

Descriptive Drawing - Sketch w/measurements of pre- and post-lift locations any encumbrances/clearances, crane capacities at working radius, impact on utilities (contact MMC @ ext 2468) include protective measures where required.

Crane Operators:

Licensed by the NYS Dept of Labor, or a **Nationally Recognized Certifying Organization**, recognized by Federal OSHA (i.e. NCCCO, CIA). Qualified for the specific type of equipment to be used.

Mobile Crane Inspection Documentation:

Include copies of the crane load charts (as planned set up), plus documentation of latest crane inspections (annual & monthly) along with rigging plan.

Total Weight of Lift: (includes load weight, all rigging equipment, & load block)

Description of Material to be Lifted w/Dimensions & Center of Gravity:

Tag lines and locations of attendants:

Pre-lift Meeting - Documented, attendees, content:

Qualified Signal Person (CFR 1926.1428):

Qualified Rigger (CRF 1926.1404):

Designated Person In Charge (PIC):

Communication and Signals (CFR 1926.1419-20-21) - Hand signals, emergency signal, voice communication.

Describe Method of Accomplishment - provide a written description of the operation. All lifting operations must be conducted in accordance with ANSI standards and the DOE and OSHA requirements.

<i>Equipment List</i>						
Equipment	Type	Quantity	Dimensions (size)	Capacity (WLL)	Configuration (Hitch Used)	Weight of Lift
Slings: (ASME B30.9)						
Rigging Hardware: (ASME B30.26 - shackles, eyebolts, rings etc.)						
Below the Hook Lifting Devices: (ASME B30.20 - spreader bars, vacuum /magnetic lifters etc)						
Manual Chain Hoists: (ASME B30. 19 HCH/B30.21 come-alongs, load positioning device)						
Mobile Crane: (ASME B30.5/OSHA1926.1400)						
Cribbing/Shoring/Matting (outrigger matting min = hardwood or equivalent 3 X's sq. ft. of pad dia.)						
Transportation Vehicles:						

Equipment List	Type	Quantity	Dimensions (size)	Capacity (WLL)	Configuration (Hitch Used)	Weight of Lift
Roller/Skates:						
Jacks:						
PPE/Hazmat:						

I (PIC): _____ ensure that all rigging hardware and slings will be in accordance with OSHA 1926; & ASME B30 Standards for design, markings, inspection and testing.

Submitted By: _____

Date Submitted: _____

Reviewed By: _____

Date Reviewed: _____

Approved: Yes No

REASON FOR REJECTION: