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| **CRITICAL LIFT CHECKLISTS** | | | | |
| CRITERIA | | | | |
| **X** | LOAD EXCEEDS 90% OF LOAD CHART FOR CRANE OR DERRICK OR 75% OF LOAD CHART AS PER SPEC. | | | |
| **X** | TWO OR MORE CRANES / BOOMS REQUIRED | | | |
|  | SPECIAL HOISTING / RIGGING EQUIPMENT WILL BE UTILIZED | | | |
|  | **OTHER – SPECIFY:** | | | |
| **DESCRIPTION OF OBJECT TO BE RAISED** | | | | |
| Roof Trusses 72 Feet Long | | | | |
| **DATE OF LIFT: 15 August 2007** | | | | |
| **HOW THE WEIGHT OF THE OBJECT WAS OBTAINED** | | | | |
| **CERTIFIED SCALE WEIGHT:** | | | | TICKET |
| CALCULATED BY MORE THAN ONE SOURCE | | | | |
| **SOURCE: Manufacture Bill of Lading** | | **WEIGHT: 10,000lbs** | | |
| **SOURCE:** | | **WEIGHT:** | | |
| **If the lift is an existing item being removed or demolished , the weight is to be recalculated , taking into account all modifications including internal, as well as an allowance for scale, sediment, sludge, insulation, liquid, etc.** | | | | |
| **SOURCE: NA** | | **WEIGHT:** | | |
| **SOURCE: NA** | | **WEIGHT:** | | |
| **Description And Weight Of All Rigging Equipment And Crane Attachments From Load Charts** | | | | |
| **ITEM: ¾ X 8 Foot Wire Rope Sling 1** | | **WEIGHT: 60lbs** | | |
| **ITEM: ¾ X 8 Foot Wire Rope Sling 2** | | **WEIGHT: 60lbs** | | |
| **ITEM: Hook Block 1** | | **WEIGHT: 150** | | |
| **ITEM: Hook Block 2** | | **WEIGHT: 150** | | |
| **ITEM: Shackle 1 and 2** | | **WEIGHT: 20** | | |
| **ITEM: Shackle 3 and 4** | | **WEIGHT: 20** | | |
| **TOTAL WEIGHT OF OBJECT, RIGGING, AND LOAD CHART DEDUCTIONS** | | | | |
| **SOURCE: Bill of Lading** | | **WEIGHT: 10,480lbs** | | |
| **EQUIPMENT AND LIFT RELATIONSHIP** | | | | |
| CRANE # 1 MAKE | | | Terex | |
| MODEL | | | 17 Ton | |
| MAXIMUM OPERATING RADIUS | | | 22 Feet | |
| PLANNED OPERATING RADIUS | | | 18 Feet | |
| ALLOWABLE LOAD (FROM LOAD CHART) | | | 11,100 | |
| RATIO OF LIFT TO ALLOWABLE LOAD | | | 10,480/11,100 | |
| CLEARANCE BETWEEN BOOM AND LIFT | | | 7.5 Feet | |
| CLEARANCE TO SURROUNDING FACILITIES | | | 350 Feet | |
| CLEAR PATH FOR LOAD MOVEMENT CHECKED | | | Yes | |
| CRANE # 2 MAKE | | | Terex | |
| MODEL | | | 17 Ton | |
| MAXIMUM OPERATING RADIUS | | | 22 Feet | |
| PLANNED OPERATING RADIUS | | | 18 Feet | |
| ALLOWABLE LOAD (FROM LOAD CHART) | | | 11,100lbs | |
| RATIO OF LIFT TO ALLOWABLE LOAD | | | 10,480/11,100 | |
| CLEARANCE BETWEEN BOOM AND LIFT | | | 7.5 Feet | |
| CLEARANCE TO SURROUNDING FACILITIES | | | 350 Feet | |
| CLEAR PATH FOR LOAD MOVEMENT CHECKED | | | Yes | |

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| **LIFTING & RIGGING EQUIPMENT INSPECTION** | | |
| INSPECTOR NAME: | | **CONDITION: We were on Concrete** |
| **GROUND STABILITY** | | |
| SOIL BEARING CAPACITY: **N/A** | | **SOURCE: N/A** |
| ARE MATS REQUIRED: **N/A** | | **SIZE & NUMBER: N/A** |
| ARE ANY UNDERGROUND INSTALLATIONS IN NEED OF SPECIAL TREATMENT | | **YES:\_ NO: X** |
| RATIO OF SOIL BEARING CAPACITY TO ACTUAL | | **On Concrete Pad.** |
| **Will a written lift plan & lift drawings be required for this lift?** | | |
| YES: | | NO: X |
| **Type of communications to be utilized and specific responsibilities of communicators** | | |
| Radio and Hand Signals | | |
| Project Supdt. has final say | | |
|  | | |
| **What are wind and weather restrictions?** | | |
| High winds shut down | | |
|  | | |
| **How will lift area be kept clear of unnecessary personnel ?** | | |
| Yes | | |
|  | | |
| **Any special conditions that lift personnel need to be aware ?** | | |
| No | | |
|  | | |
| **CRITICAL LIFT APPROVALS** | | |
| **CRANE INSPECTORS)** |  | |
| **RIGGING INSPECTORS)** |  | |
| **RIGGING SUPERINTENDENT** |  | |
| **LIFT SUPERVISOR** |  | |
| **SAFETY DIRECTOR** |  | |
| **SIGNALMAN** |  | |
| **CRANE OPERATORS)** |  | |
|  |  |  |

**FINAL LIFT APPROVAL**

PROJECT MANAGER’S SIGNATURE DATE