

RISK ASSESSMENT
NIFTY PTY LTD
265 KING STREET
NEWCASTLE N.S.W. 2300.

PLANT DESCRIPTION. *Trailer Mounted Articulated Boom.*
MODEL TYPES. *Niftylift 120 T.*

DATE OF ASSESSMENT. *01.07.2005* **ASSESSMENT CONDUCTED BY.** *All Crane & Hoist Consulting & Inspection Services.*
RISK ASSESSMENT METHOD USED. *Visual Inspection.*

| <u>THE IDENTIFIED HAZARD</u> | <u>RISK.</u> | | <u>THE PROPOSED METHOD OF CONTROL MEASURE</u> | <u>ARE THE RISK CONTROLS METHODS PRACTICAL.</u> | |
|--|---------------------|------------------|--|--|------------------|
| | <u>YES</u> | <u>NO</u> | | <u>YES</u> | <u>NO</u> |
| <i>Persons could be injured or injure others when operating the Trailer Mounted Boom without sufficient instruction, training and information.</i> | <i>Yes</i> | | <i>Having obtained all the relevant information regarding the machine and its functions management should ensure that the EWP operator is thoroughly trained in its safe operation. The operator must have a Certificate issued by a TAFE College, a OH &S accredited assessor or an approved training instructor who is a member of the Hire & Rental Association. Training should be reviewed and revision recorded.</i> | <i>Yes</i> | |
| <i>Persons could be injured if they attempt to exit the platform should the power source fail to function.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed how to use the emergency lowering device and be capable of explaining the procedure to others at ground level.</i> | <i>Yes</i> | |
| <i>Persons could be injured if the operator of the trailer mounted boom is unfamiliar with the working environment.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed to inspect the area where the machine is intended to be operated prior to commencing work and also to establish if there are any specific local requirements.</i> | <i>Yes</i> | |
| <i>Persons could be injured if a trailer mounted boom that has a "DANGER DO NOT USE" tag attached is operated.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed that the machine shall not be used until a suitably authorised person removes the "DANGER DO NOT USE" tag.</i> | | |
| <i>Persons could be injured if the platform is used to exceed its nominated safe working load.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed that the W.L.L. of the trailer mounted boom is not exceeded. The weight of all people, tools and materials must be considered at all times.</i> | <i>Yes</i> | |
| <i>Persons could be injured if the main chassis has not been levelled using the outrigger system.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed to ensure that all outriggers are firm contact with the supporting surface and the machine base is level.</i> | <i>Yes</i> | |
| <i>Persons could be injured if the operator performs duties that are not his/her responsibility and beyond the scope of his/her technical capabilities</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed not to carry out any work that is outside his/her normal duties and report any matter of concern to his/her supervisor.</i> | <i>Yes</i> | |
| <i>Persons could be injured if they were not aware that the unit was in use and they progress into the work zone.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed to ensure that suitable guarding/barriers are in place prior to commencing operations.</i> | <i>Yes</i> | |

| <u>THE IDENTIFIED HAZARD</u> | <u>RISK.</u> | | <u>THE PROPOSED METHOD OF CONTROL MEASURE</u> | <u>ARE THE RISK CONTROL METHODS PRACTICAL.</u> | |
|--|--------------|-----------|--|--|-----------|
| | <u>YES</u> | <u>NO</u> | | <u>YES</u> | <u>NO</u> |
| <i>Persons could be injured if the parked machine was started and/or operated by an unauthorised person/s.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed that upon leaving the machine he/she should switch off the engine take the key with him/her.</i> | <i>Yes</i> | |
| <i>Persons could be injured if any of the platforms limits or safety devices are disabled.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed to check that all limits and safety devices are functioning correctly prior to commencing operation. The results of the inspection should be recorded in the maintenance/log book.</i> | <i>Yes</i> | |
| <i>Persons could be injured if the Trailer Mounted Boom tips over due to items being placed against the unit.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed not to allow items such as ladders etc to be placed against the boom, platform or any other part of the machine.</i> | <i>Yes</i> | |
| <i>Persons could be injured if additional height reaching equipment (ladders, boxes etc) is used to provide additional reach for workers within the platform area.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed to ensure that the machine is positioned in such a manner that all work may be completed with both his/her feet on the platform floor.</i> | <i>Yes</i> | |
| <i>Persons could be injured if the Trailer Mounted Boom unit tipped over due to excessive winds</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed not to elevate the platform in winds or draft areas where the wind may exceed 12.5 m/sec.</i> | <i>Yes</i> | |
| <i>Persons could be injured by live electrical conductors on overhead power line poles if the E.W.P. is near them while in operating mode.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed to ensure that the minimum clearance between a E.W.P. while in operating mode and overhead power lines on poles is 3m on each side and 5m from the bottom. Any part of the E.W.P. or its components are not permitted anywhere above the power lines. A certificated spotter is required for the sole task of observing and warning against any unsafe approach to the power lines and any other electrical apparatus between 3m and 6.4m of power pole lines.</i> | <i>Yes</i> | |
| <i>Persons could be injured by live electrical conductors on overhead power line towers if the E.W.P. is near them while in operating mode.</i> | <i>Yes</i> | | <i>Management should ensure that the operator is instructed to ensure that the minimum clearance between a E.W.P. while in operating mode and overhead power lines on towers is 8m on each side and 10m from the bottom. Any part of the E.W.P. or its components are not permitted anywhere above the power lines. A certificated spotter is required for the sole task of observing and warning against any unsafe approach to the power lines and any other electrical apparatus between 8m and 10m of tower power lines.</i> | <i>Yes</i> | |

NOTE. All risks are considered to be major risks.

This document sets out a list of risks which Nifty Pty Ltd believe should be brought to the operator's attention on site. It is an extract from our complete Risk Assessment which also includes technical and design criteria which may be of little interest to the operator.