

6. QUICK REFERENCE HAZARD ASSESSMENT

PRODUCT RISK / HAZARD ASSESSMENT TABLE				
PRODUCT NAME:	PHT-140	Assessment Carried Out	Michael Chen	
MANUFACTURER:	MAKINEX	Document Revision Number:	002	
OPERATOR COMPETENCY:	PLANT LICENCE NOT REQUIRED	Date Created:	21/01/2016	

No:	TYPE / NATURE OF RISK or HAZARD			LIKELIHOOD	CONSEQUENCE	RISK LEVEL	CONTROL ACTION
1.0	CRUSH/PINCH	1.1	UNSTABLE GROUND CAUSING LOAD TO TOPPLE -SIDE WAYS FROM HEIGHT	2 LIKELY	3 MINOR	2 MEDIUM	<ul style="list-style-type: none"> - KEEP CLEAR OF BYSTANDERS - FOLLOW SAFE OPERATING PROCEDURE
		1.2	UNSTABLE GROUND CAUSING LOAD TO TOPPLE -IN TRANSPORT SCENARIO	2 LIKELY	4 NEGLIGIBLE	2 MEDIUM	<ul style="list-style-type: none"> - KEEP CLEAR OF BYSTANDERS - FOLLOW SAFE OPERATING PROCEDURE
		1.3	USER LOSS OF CONTROL CAUSING LOAD TO TOPPLE FORWARD	2 LIKELY	3 MINOR	2 MEDIUM	<ul style="list-style-type: none"> - KEEP CLEAR OF BYSTANDERS - FOLLOW SAFE OPERATING PROCEDURE
		1.4	USER LOSS OF CONTROL CAUSING LOAD TO TOPPLE TOWARDS USER	3 UNLIKELY	3 MAJOR	2 MEDIUM	<ul style="list-style-type: none"> - KEEP CLEAR OF BYSTANDERS - FOLLOW SAFE OPERATING PROCEDURE
		1.5	FAILURE OF MACHINE STRUCTURE CAUSING LOAD TO FALL	3 UNLIKELY	3 MINOR	3 LOW	<ul style="list-style-type: none"> - KEEP CLEAR OF BYSTANDERS - FOLLOW SAFE OPERATING PROCEDURE
		1.6	BUMPS IN GROUND CAUSING LOSS OF CONTROL	2 LIKELY	3 MINOR	2 MEDIUM	<ul style="list-style-type: none"> - STEER AWAY FROM THE BUMPS - CHECK AND GET RID OF BUMPS IN WORKPLACE
		1.7	STEEP GROUND CAUSING LOSS OF CONTROL	3 UNLIKELY	3 MAJOR	2 MEDIUM	<ul style="list-style-type: none"> - AVOID SLOPES - FOLLOW SAFE OPERATING PROCEDURES - AFTER OPERATION OR ,WHEN NOT IN USE; THE BRAKE IS TO BE APPLIED
		1.8	UNBALANCED LOAD CAUSING TO TOPPLE FORWARD	3 UNLIKELY	3 MINOR	3 LOW	<ul style="list-style-type: none"> - CORRECT THE HOLDING POSITION BETWEEN THE WAIST AND CHEST - FOLLOW SAFE OPERATION PROCEDURE - CHECK AND FOLLOW USER MANUAL
		1.9	HAND PINCHING AT THE NIP POINT	3 UNLIKELY	3 MINOR	3 LOW	<ul style="list-style-type: none"> - USE BOTH HAND DURING OPERATION - FOLLOW SAFE OPERATING PROCEDURES - KEEP CLEAR OF BYSTANDERS
		1.10	OPERATOR DOES NOT LOCK THE FOLD WHEEL PROPERLY CAUSING THE MACHINE TO COLLAPSE	2 LIKELY	3 MINOR	2 MEDIUM	<ul style="list-style-type: none"> - CHECK FOLD WHEEL BEFORE USE - CHECK FOR CORRECT OPERATION BEFORE USE - CHECK IF THE PLUNGER FEEDS IN THE HOLE COMPLETELY BEFORE USE - CHECK IF THE PLUNGER FEEDS EASILY INTO THE HOLE
		1.11	BRAKE NOT WORKING PROPERLY CAUSING ACCIDENT WHILE OPERATING	4 VERY UNLIKELY	4 NEGLIGIBLE	3 LOW	<ul style="list-style-type: none"> - CHECK AND FOLLOW USER MANUAL - FIX THE ALIGATOR CLIP, TIGHTEN IF NEEDED - CHECK THE BRAKE CABLE FOR WEAR AND BROKEN STRANDS, IF FOUND REPLACE IMMEDIATELY.

2.0	STRAIN	2.1	LOADING PHT-140 ONTO UTE CAUSING BACK INJURY	3	UNLIKELY	2	MAJOR	2	MEDIUM	<ul style="list-style-type: none"> - CHECK AND FOLLOW USER MANUAL - ALWAYS LIFT CLEAR OF BYSTANDERS
		2.2	BATTERY DISCHARGED AFTER LIFTING THE LOAD LEAVING THE OPERATOR STRANDED	3	UNLIKELY	3	MINOR	3	LOW	<ul style="list-style-type: none"> - ENSURE BATTERY IS FULLY CHARGED BEFORE OPERATING. - CHECK THE BATTERY FOR WEAR SIGNS; DO NOT USE IF LEAKING - IN CASE OF POWER FAILURE WHILE THE LOAD ON, FIND A STURDY WALL AND LEAN IT NEXT TO THE WALL OR, FIND AN ELEVATED PLATFORM TO PLACE THE LOAD ON IT.
3.0	ELECTRICUTION	3.1	FAULTY LEAD/SWITCH ON MACHINE	4	VERY UNLIKELY	3	MINOR	3	LOW	<ul style="list-style-type: none"> - PERIODIC SERVICE OF MACHINERY - DO NOT USE DAMAGED OR SEVERED LEADS,CHECK BEFORE EACH USE - DO NOT WASH THE MACHINE WITH PRESSURE WASHER
		3.2	FAULTY LEAD ON CHARGER	4	VERY UNLIKELY	1	FATALITY	2	MEDIUM	<ul style="list-style-type: none"> - DO NOT CHARGE OUTDOORS OR IN WET ENVIRONMENT - CHARGE THROUGH RED PROTECTED CIRCUIT - PERIODIC SERVICE OF MACHINERY - DO NOT USE DAMAGED OR SEVERED LEADS,CHECK BEFORE EACH USE - DO NOT WASH THE MACHINE WITH PRESSURE WASHER

NOTES:

- > THIS PRODUCT HAS BEEN DESIGNED AND MANUFACTURED AS A HAND TRUCK WITH A POWERFUL LIFTING ARM ONLY
- > THIS DOCUMENT HAS BEEN PREPARED ACCORDING TO GUIDELINES AND RECOMMENDATIONS FOUND IN:

1. 'HAZPAK' PRODUCED BY THE WORK-COVER AUTHORITY AND
2. THE AUSTRALIAN STANDARDS 4024.1.4/5 - 1996 "SAFEGUARDING OF MACHINERY - PART 1: GENERAL PRINCIPLES AUSTRALIAN STANDARD, AS/NZS 3760 IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT.

"**LIKELIHOOD LEVEL**" REFERS TO THE PROBABILITY OF AN EVENT HAPPENING. THE FOLLOWING SCALE HAS BEEN USED TO DESCRIBE THE LIKELIHOOD OF A DEFINED RISK / HAZARD EVENT OCCURING DURING NORMAL OPERATION OF THE EQUIPMENT. NOTE THAT LIKELIHOOD EVALUATION IS QUALITATIVE AND BASED ON BEST ESTIMATION VIA CONSULTATION AND EXPERIENCE:

1. **VERY LIKELY**
2. **LIKELY**
3. **UNLIKELY**
4. **VERY UNLIKELY**

"**CONSEQUENCE**" REFERS TO THE SEVERITY OF INJURY CAUSED DUE TO AN EVENT OCCURING, USING THE FOLLOWING SCALE AS DEFINED BY THE "HAZPAK" DOCUMENT:

1. **FATALITY** = INJURIES RESULT IN DEATH
2. **MAJOR** = NORMALLY IRREVERSIBLE INJURIES
3. **MINOR** = REVERSIBLE INJURIES REQUIRING SEVERAL DAYS OFF
4. **NEGLIGIBLE** = ABLE TO BE TREATED USING FIRST AID

"**RISK LEVEL**" REFERS TO THE SEVERITY OF A RISK BASED ON THE "LIKELIHOOD LEVEL" AND "INJURY LEVEL".INHERENTLY, AS THE CONSEQUENCE INCREASES IN SEVERITY, RISK INCREASES - EVEN WHEN LIKELIHOOD IS LOW - THE FOLLOWING SCALE HAS BEEN USED:

1. **HIGH** = POTENTIAL DEATH, PERMANENT DISABILITY, OR MAJOR STRUCTURAL DAMAGE.
2. **MEDIUM** = POTENTIAL TEMPORARY, DISABILITY, OR MINOR STRUCTURAL DAMAGE.
3. **LOW** = POTENTIAL INCIDENT THAT HAS THE POTENTIAL TO CAUSE PERSONS TO REQUIRE FIRST AID.