Environmental Health and Safety
211 Warren Square
Bethlehem, Pa 18015-3054
610-758-4251 Fax 610-758-5606
http://www.lehigh.edu
http://www.lehigh.edu/~inehs

To: Darrick Fritchman
Gary Novak

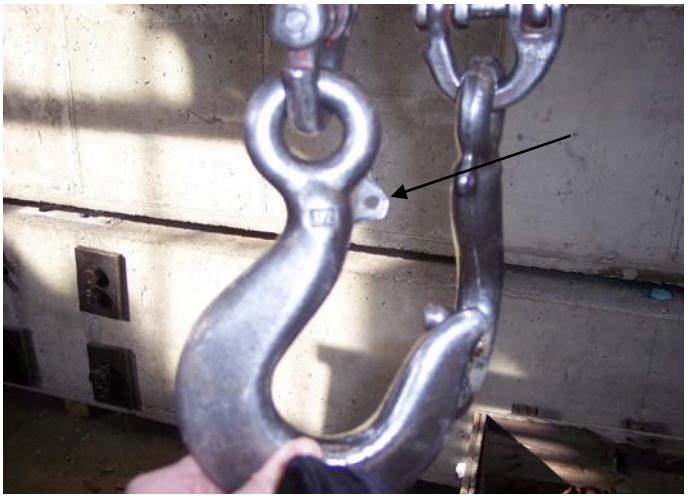
March 6, 2014

Fm: Randy Shebby

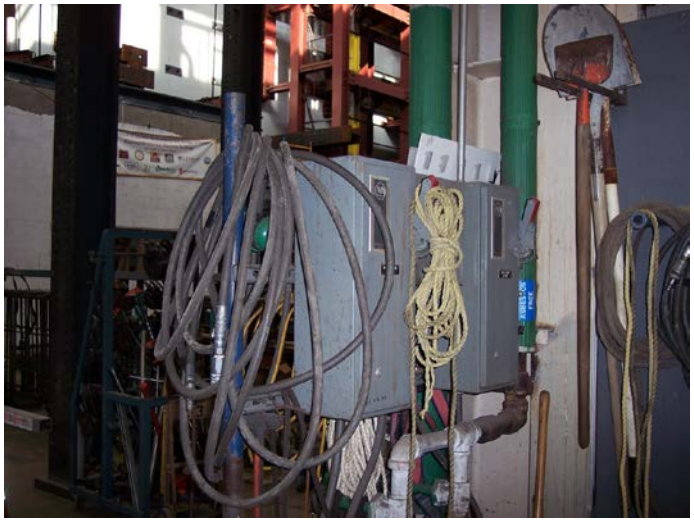
Re: ATLSS Safety Review

A safety review of the ATLSS IMBT laboratories was conducted on March 6, 2014 in accordance with the regulatory requirements of the Occupational Safety and Health Administration (OSHA), National Fire Protection Agency (NFPA) and International Building Code (IBC).

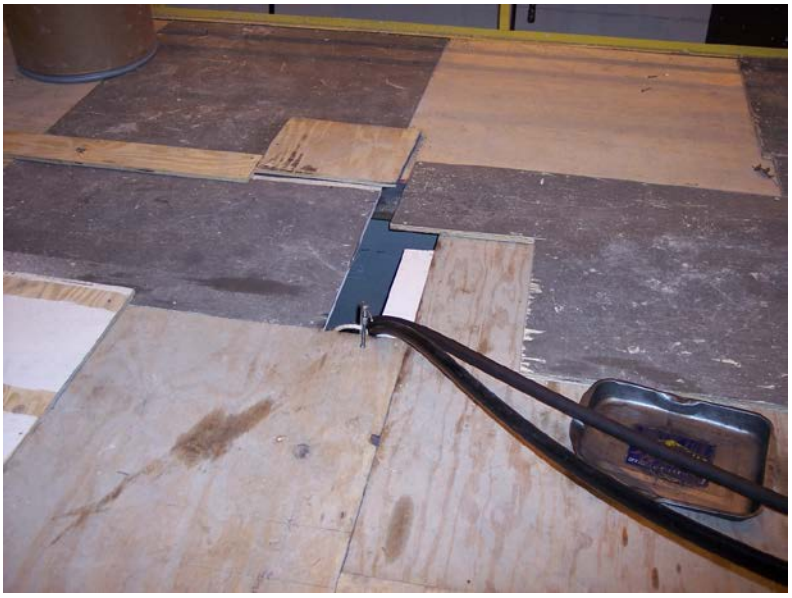
Overall the facility looks to be in good condition. A considerable amount of work was in progress leaving a minimal amount of space for work to be conducted. The photos and descriptions shown below identify areas that should be addressed as soon as possible.



Hooks require a safety latch.

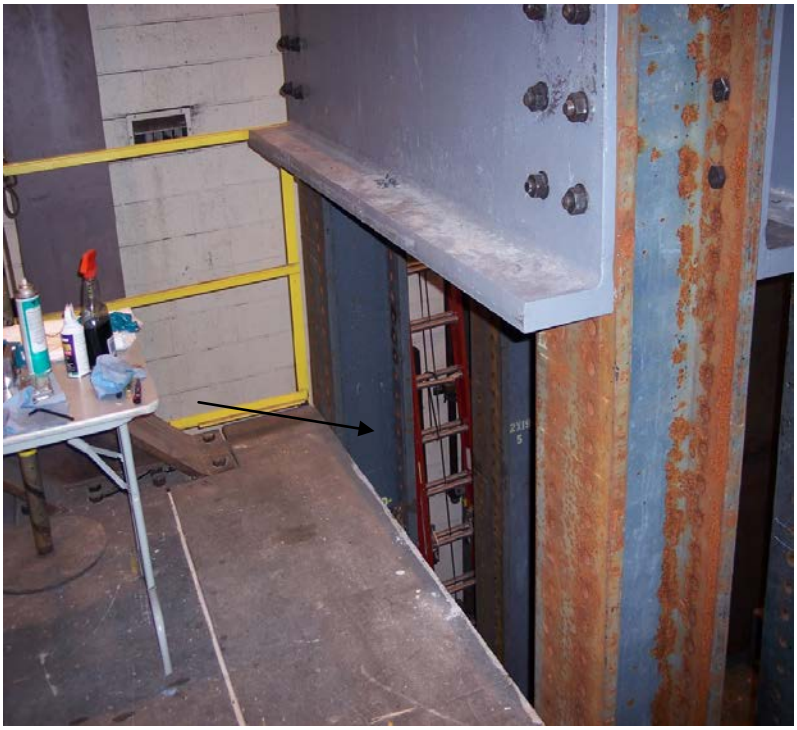


Electrical panels should remain free of obstruction – hoses and rope should not be hung on the panels.



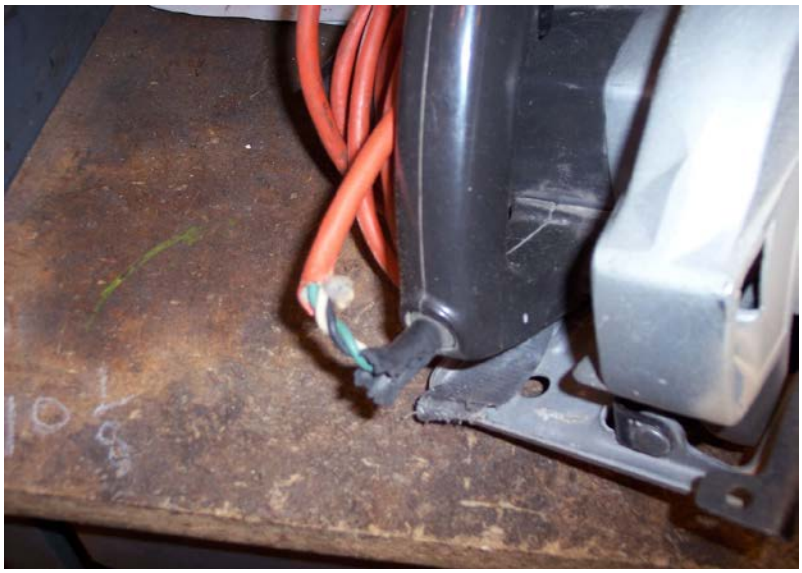
The floor of this platform has a sizeable hole large enough for an individual to step through.

The hole should be minimized to eliminate the hazard.

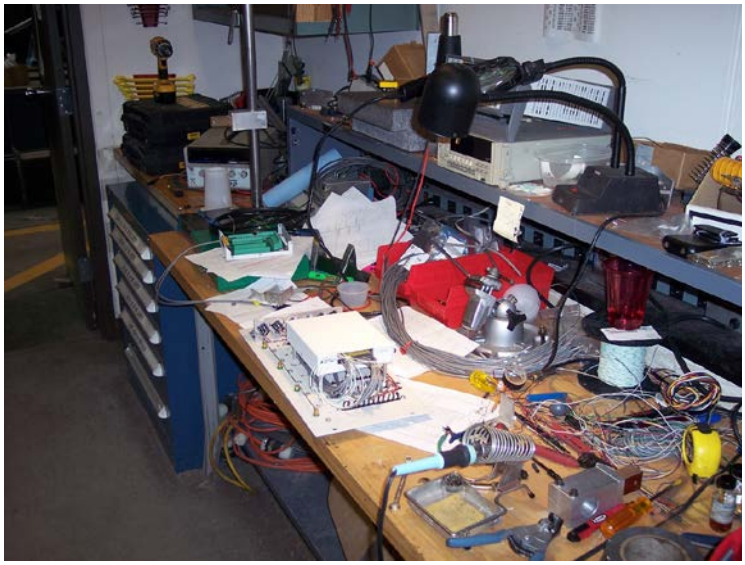


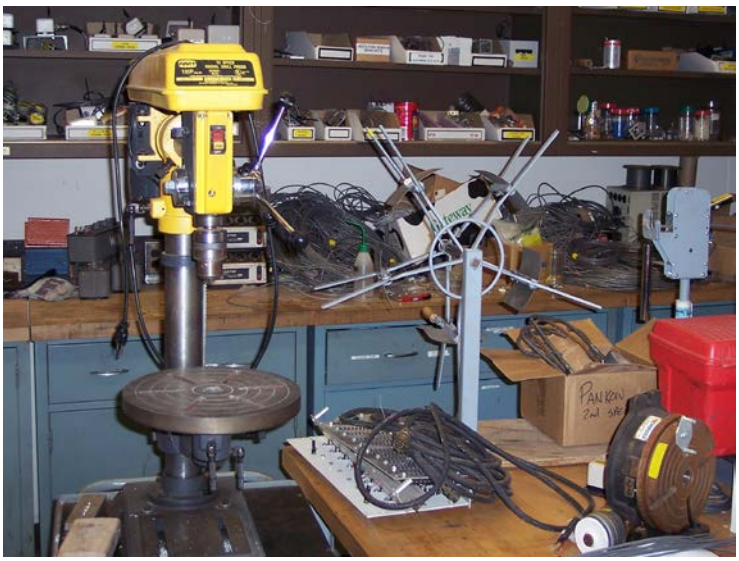
The open area requires a mid-rail to prevent individuals from accidentally stepping through the opening.

An opening was also noted on the steps leading up to the platform.

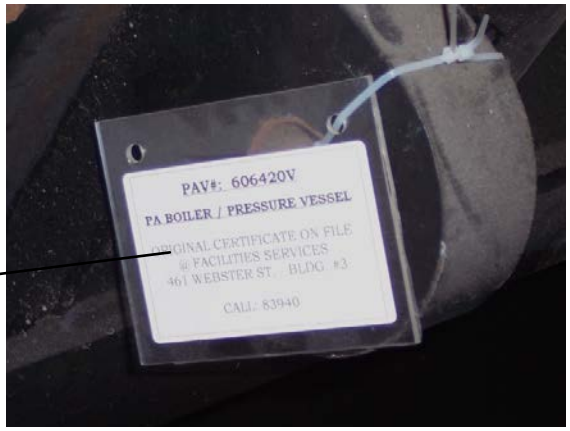


Cord on circular saw needs replacement.





Housekeeping in the electronics room needs to improve.



A records check indicates the Nitrogen accumulator was last inspected 4/4/11 and is due for inspection 4/4/14. An inspection has been scheduled by Facilities for 4/2/14.

Summary

ATLSS staff has been asked to improve general housekeeping in the facility. Several improvements have been noted including guards to all grinders, new or repaired extension cords and the addition of a new forklift. Personnel driving the new forklift should review the forklift safety program found online at the EH&S web site.

If there are any questions or comments please contact Randy Shebby at the email rasf@lehigh.edu or the telephone number 86240.

Cc: Chad Kusko, Barbara Plohocki

HERC-U-LIFT
Since 1968
5655 HIGHWAY 12 WEST
MAPLE PLAIN, MN 55359
www.herculift.com

MAPLE PLAIN, MN	(763) 479-2501 (800) 362-3500	ST. CLOUD, MN	(320) 251-9001 (877) 251-9001	FARGO, ND	(701) 219-5811 (800) 362-3500
SIOUX FALLS, SD	(605) 332-4755 (800) 658-3644	DES MOINES, IA	(515) 964-9273 (800) 359-1848	MINOT, ND	(701) 839-5820 (800) 844-5820
GRAND RAPIDS, MN	(218) 326-0539 (800) 286-0539	WILLMAR, MN	(320) 235-5348	WILLISTON, ND	(701) 572-4660 (800) 362-3500

ANNUAL INSPECTION

378960

A	W	S	ACCOUNT NO.	CUSTOMER UNIT NO.	PURCHASE ORDER NO.	MECH.	INVOICE NO.
				AL 582		Sm	198547

NAME	ADDRESS	DATE
UNIV. OF MN		JUNE 3, 14

CITY	STATE	CONTACT NAME	CONTACT PHONE NO.
MPLS		CHRIS BRUNN	

MAKE	MODEL	SERIAL NO.	HOUR METER
SKYJACK	SJ111 4832	87276	180

GENERAL
- [x] Appearance
- [x] Hoods / Covers / Enclosures
- [ ] Welds
- [ ] Frame / Sheet Metal
- [x] Cables / Chains
- [x] Sheaves / Pulleys / Bushings / Bearings
- [x] Pins / Bolts / Keepers / Retainers
- [x] Latches
- [x] Wheels / Tires / Rim / Casters
- [x] Lanyard Attachment Points OK
- [x] Lower Controls / Upper Controls
- [x] Switches / Foot Switch
- [ ] Joysticks / Center Locks / Enable Switches
- [x] Boots
- [x] Emergency Stops
- [x] Auxiliary / Emergency Lowering / All Sections
- [x] Alarms
- [x] Data Plate
- [x] Operator's Manual / ANSI Manual / Manual Storage
- [x] Warning / Danger / Capacity / Indicator Decals
- [x] Platform / Floor / Railings
- [x] Entry Chain / Gate
- [x] A/C Cords / Plugs / GFI / Covers / Generator
- [x] Lights / Strobe / Horn
- [x] Power Washer / Air Hoses
- [x] Full Operational Check to Maximum Height
- [x] No Unauthorized Modifications

BOOM LIFTS
- [ ] Swing Bearing / Lube / Bolts
- [ ] Swing Gear Condition / Lube / Free Play
- [ ] Hydraulic Center Post Swivel
- [ ] Swing Gear Box Oil Level / Grease
- [ ] Swing Brake
- [ ] Swing Drive Cut Out / Light / Override Switch
- [ ] Swing Drive Directional Change Switch
- [ ] Drive Speeds / Hi Speed Cut Out
- [ ] Tilt Sensor / Alarm / Light
- [ ] Function Speeds / Smoothness
- [ ] Starter Cut Out With Foot Switch Depressed
- [ ] Power / Hose Track
- [ ] Boom Sections / Wear Pads / Lube
- [ ] Wheel Brakes
- [ ] Torque Hub Oil Levels
- [ ] Articulating Axle Float / Lock / Cut Out
- [ ] Axle Extend / Retract / Lock Pins / Interlock

GAS, DIESEL, BATTERY & HYDRAULICS
- [ ] Current PM
- [ ] Engine Oil Level / Condition
- [ ] Coolant Level / Protection to -34°F
- [ ] Air / Fuel Filters
- [ ] Belts / Pulleys / Fan
- [ ] Idle / High RPMs
- [ ] Knocks / Pings / Noise
- [ ] Choke / Glow Plugs
- [ ] Actuators / Linkage
- [ ] Start / Anti Restart
- [ ] Dual Fuel System / LP Pin
- [ ] Fuel Tank / Cap / Gauge / Labeled
- [ ] Engine Code / Light
- [x] Batteries / Level / Terminals / Cables / Hold Down
- [x] Charger
- [x] Fuses / Breakers
- [x] Motors Electric / Hydraulic
- [x] Wiring
- [x] Gauges / Meters
- [ ] Pumps
- [x] Hydraulic Tank / Filter / Level / Oil Condition
- [x] Cylinders / Valves / Hoses / Tubes
- [x] Contactor / Relays / Disconnect
- [x] Leaks

PERSONNEL LIFT
- [ ] Out Riggers / Interlock / Lights
- [ ] Down Operation Without Outriggers
- [ ] Debris / Pinch Guards
- [ ] Sequencing Cables / Straps
- [ ] Wear Pads / Rollers
- [ ] Mast Free Play
- [ ] Platform / Extension / Latch
- [ ] Bubble Level / Sensor / Cut Out / Alarm
- [ ] Foot Pads / Brakes / Locks
- [ ] Tilt Back Assembly / Struts / Pins / T-Bar
- [ ] Straddle Kit / Winches / Cables / Pins / Cord Reels

DRIVABLE PERSONNEL LIFT / MAST BOOMS
- [ ] High Speed Cut Out
- [ ] Pothole Protectors / Cut Out / Light / Alarm
- [ ] Tilt Sensor Alarm / Light / Cut Out
- [ ] Brakes / Release
- [ ] Swing Gear Condition / Lube
- [ ] Swing Bearing Lube / Bolts
- [ ] Swing Gear Box Oil Level / Grease
- [ ] Hose / Cable Track
- [ ] Sequencing Cables / Straps
- [ ] Platform Extension / Latch / Ladder

TOWABLE PRODUCTS
- [ ] Park / Surge Brake
- [ ] Safety Chains / Cables
- [ ] Runaway Brake / Cable
- [ ] Hitch Coupler / Tongue Jack
- [ ] Trailer Lights
- [ ] Outriggers / Interlock
- [ ] Boom Hold Down Latches
- [ ] Swing Gear Condition / Lube / Free Play
- [ ] Swing Gear Box Oil Level / Grease
- [ ] Swing Bearing Bolts / Lube
- [ ] Tilt Sensor / Alarm / Light

SCISSOR LIFT
- [x] High Speed / Drive Height Cut Outs
- [ ] Tilt Cut Out / Alarm / Light
- [x] Pothole Protectors / Alarm / Cut Out
- [ ] Articulating Axle Float / Cut Out
- [ ] Leveling / Outrigger System
- [x] Control / Brake Reactions
- [x] Wheel Brakes / Release / Free Wheeling
- [x] Steering / King Pin Bushings
- [ ] Drive Shafts / U-Joints
- [ ] Hub / Differential / Drop Box Oil Levels
- [x] Ladder / Steps / Anti-Skid
- [x] Deck Extension / Latch
- [ ] Fold Down Rails / Pins

OVERALL [x] PASS *(STICKER INSTALLED)* [ ] FAIL *(NO STICKER)*

[x] REPAIRS DONE [ ] REPAIRS TO FOLLOW – PARTS ORDERED [ ] CUSTOMER DECLINES REPAIRS [ ] COULDN'T GET APPROVAL [ ] DO ESTIMATE

QTY.	PART NO.	DESCRIPTION	AMOUNT
1	100509	PIN	
	OIL PER QUART		
	GREASE PER POUND		
	HYDRAULIC OIL PER QUART		
	AUTOMATIC TRANSMISSION OIL PER QUART		
	ANTI-FREEZE PER QUART		
	BRAKE FLUID PER OUNCE		
	WASTE OIL DISPOSAL *(PERMIT #053-03222)*		
	AI *SERVICE CHARGE*		

COMMENTS: We would like to bring to your attention that the following repairs are needed on your fork truck.

MECHANIC: Sm

I hereby certify the listed planned maintenance was done along with necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection, or delivery at my risk. An express mechanic's lien is acknowledged on above vehicle to secure the amount of repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to vehicles placed with them for storage, sale, repair, or while road testing.

[ ] Customer would not allow planned maintenance on truck at this time.

Customer Signature X

WHITE - ORIGINAL CANARY - ACCOUNTS RECEIVABLE GOLD - CUSTOMER COPY

HERC-U-LIFT
Since 1968
5655 HIGHWAY 12 WEST
MAPLE PLAIN, MN 55359
www.herculift.com

MAPLE PLAIN, MN	(763) 479-2501 (800) 362-3500	ST. CLOUD, MN	(320) 251-9001 (877) 251-9001	FARGO, ND	(701) 219-5811 (800) 362-3500
SIOUX FALLS, SD	(605) 332-4755 (800) 658-3644	DES MOINES, IA	(515) 964-9273 (800) 359-1848	MINOT, ND	(701) 839-5820 (800) 844-5820
GRAND RAPIDS, MN	(218) 326-0539 (800) 286-0539	WILLMAR, MN	(320) 235-5348	WILLISTON, ND	(701) 572-4660 (800) 362-3500

ANNUAL INSPECTION

378961

A	W	S	ACCOUNT NO.	CUSTOMER UNIT NO.	PURCHASE ORDER NO.	MECH.	INVOICE NO.
				AL 2059			198546

NAME	ADDRESS	DATE
UNIV. OF MINN.		JUNE 3, 14

CITY	STATE	CONTACT NAME	CONTACT PHONE NO.
MPLS		CHRIS	

MAKE	MODEL	SERIAL NO.	HOUR METER
GENIE	GS 1930	GS 3012A-113844	47

GENERAL
- ☑ Appearance
- ☑ Hoods / Covers / Enclosures
- ☐ Welds
- ☑ Frame / Sheet Metal
- ☑ ~~Cables / Chains~~
- ☑ Sheaves / Pulleys / Bushings / Bearings
- ☑ Pins / Bolts / Keepers / Retainers
- ☑ Latches
- ☑ Wheels / Tires / Rim / Casters
- ☑ Lanyard Attachment Points
- ☑ Lower Controls / Upper Controls
- ☑ Switches / Foot Switch
- ☑ Joysticks / Center Locks / Enable Switches
- ☑ Boots
- ☑ Emergency Stops
- ☑ Auxiliary / Emergency Lowering / All Sections
- ☑ Alarms
- ☑ Data Plate
- ☑ Operator's Manual / ANSI Manual / Manual Storage
- ☑ Warning / Danger / Capacity / Indicator Decals
- ☑ Platform / Floor / Railings
- ☑ Entry Chain / Gate
- ☑ A/C Cords / Plugs / GFI / Covers / Generator
- ☑ Lights / Strobe / Horn
- ☐ ~~Power Washer / Air Hoses~~
- ☑ Full Operational Check to Maximum Height
- ☐ No Unauthorized Modifications

BOOM LIFTS
- ☐ Swing Bearing / Lube / Bolts
- ☐ Swing Gear Condition / Lube / Free Play
- ☐ Hydraulic Center Post Swivel
- ☐ Swing Gear Box Oil Level / Grease
- ☐ Swing Brake
- ☐ Swing Drive Cut Out / Light / Override Switch
- ☐ Swing Drive Directional Change Switch
- ☐ Drive Speeds / Hi Speed Cut Out
- ☐ Tilt Sensor / Alarm / Light
- ☐ Function Speeds / Smoothness
- ☐ Starter Cut Out With Foot Switch Depressed
- ☐ Power / Hose Track
- ☐ Boom Sections / Wear Pads / Lube
- ☐ Wheel Brakes
- ☐ Torque Hub Oil Levels
- ☐ Articulating Axle Float / Lock / Cut Out
- ☐ Axle Extend / Retract / Lock Pins / Interlock

GAS, DIESEL, BATTERY & HYDRAULICS
- ☐ Current PM
- ☐ Engine Oil Level / Condition
- ☐ Coolant Level / Protection to -34°F
- ☐ Air / Fuel Filters
- ☐ Belts / Pulleys / Fan
- ☐ Idle / High RPMs
- ☐ Knocks / Pings / Noise
- ☐ Choke / Glow Plugs
- ☐ Actuators / Linkage
- ☐ Start / Anti Restart
- ☐ Dual Fuel System / LP Pin
- ☐ Fuel Tank / Cap / Gauge / Labeled
- ☐ Engine Code / Light
- ☑ Batteries / Level / Terminals / Cables / Hold Down
- ☑ Charger
- ☑ Fuses / Breakers
- ☑ Motors Electric / Hydraulic
- ☑ Wiring
- ☑ Gauges / Meters
- ☑ Pumps
- ☑ Hydraulic Tank / Filter / Level / Oil Condition
- ☑ Cylinders / Valves / Hoses / Tubes
- ☑ Contactor / Relays / Disconnect
- ☑ Leaks

PERSONNEL LIFT
- ☐ Out Riggers / Interlock / Lights
- ☐ Down Operation Without Outriggers
- ☐ Debris / Pinch Guards
- ☐ Sequencing Cables / Straps
- ☐ Wear Pads / Rollers
- ☐ Mast Free Play
- ☐ Platform / Extension / Latch
- ☐ Bubble Level / Sensor / Cut Out / Alarm
- ☐ Foot Pads / Brakes / Locks
- ☐ Tilt Back Assembly / Struts / Pins / T-Bar
- ☐ Straddle Kit / Winches / Cables / Pins / Cord Reels

DRIVABLE PERSONNEL LIFT / MAST BOOMS
- ☐ High Speed Cut Out
- ☐ Pothole Protectors / Cut Out / Light / Alarm
- ☐ Tilt Sensor Alarm / Light / Cut Out
- ☐ Brakes / Release
- ☐ Swing Gear Condition / Lube
- ☐ Swing Bearing Lube / Bolts
- ☐ Swing Gear Box Oil Level / Grease
- ☐ Hose / Cable Track
- ☐ Sequencing Cables / Straps
- ☐ Platform Extension / Latch / Ladder

TOWABLE PRODUCTS
- ☐ Park / Surge Brake
- ☐ Safety Chains / Cables
- ☐ Runaway Brake / Cable
- ☐ Hitch Coupler / Tongue Jack
- ☐ Trailer Lights
- ☐ Outriggers / Interlock
- ☐ Boom Hold Down Latches
- ☐ Swing Gear Condition / Lube / Free Play
- ☐ Swing Gear Box Oil Level / Grease
- ☐ Swing Bearing Bolts / Lube
- ☐ Tilt Sensor / Alarm / Light

SCISSOR LIFT
- ☑ High Speed / Drive Height Cut Outs
- ☑ Tilt Cut Out / Alarm / Light
- ☐ Pothole Protectors / Alarm / Cut Out
- ☐ ~~Articulating Axle Float / Cut Out~~
- ☐ Leveling / Outrigger System
- ☑ Control / Brake Reactions
- ☑ Wheel Brakes / Release / Free Wheeling
- ☑ Steering / King Pin Bushings
- ☐ ~~Drive Shafts / U-Joints~~
- ☐ Hub / Differential / Drop Box Oil Levels
- ☐ Ladder / Steps / Anti-Skid
- ☐ Deck Extension / Latch
- ☐ ~~Fold-Down Rails~~ / Pins

OVERALL ☑ PASS *(STICKER INSTALLED)* ☐ FAIL *(NO STICKER)*

☐ REPAIRS DONE ☐ REPAIRS TO FOLLOW – PARTS ORDERED ☐ CUSTOMER DECLINES REPAIRS ☐ COULDN'T GET APPROVAL ☐ DO ESTIMATE

QTY.	PART NO.	DESCRIPTION	AMOUNT
	OIL PER QUART		
	GREASE PER POUND		
	HYDRAULIC OIL PER QUART		
	AUTOMATIC TRANSMISSION OIL PER QUART		
	ANTI-FREEZE PER QUART		
	BRAKE FLUID PER OUNCE		
	WASTE OIL DISPOSAL *(PERMIT #053-03222)*		
	AI *SERVICE CHARGE*		

COMMENTS: We would like to bring to your attention that the following repairs are needed on your fork truck.

MECHANIC:

I hereby certify the listed planned maintenance was done along with necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection, or delivery at my risk. An express mechanic's lien is acknowledged on above vehicle to secure the amount of repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to vehicles placed with them for storage, sale, repair, or while road testing.

☐ Customer would not allow planned maintenance on truck at this time.

Customer Signature

WHITE - ORIGINAL CANARY - ACCOUNTS RECEIVABLE GOLD - CUSTOMER COPY

HERC-U-LIFT

Since 1968

5655 HIGHWAY 12 WEST
MAPLE PLAIN, MN 55359
www.herculift.com

MAPLE PLAIN, MN	(763) 479-2501 (800) 362-3500	ST. CLOUD, MN	(320) 251-9001 (877) 251-9001	FARGO, ND	(701) 219-5811 (800) 362-3500
SIOUX FALLS, SD	(605) 332-4755 (800) 658-3644	DES MOINES, IA	(515) 964-9273 (800) 359-1848	MINOT, ND	(701) 839-5820 (800) 844-5820
GRAND RAPIDS, MN	(218) 326-0539 (800) 286-0539	WILLMAR, MN	(320) 235-5348	WILLISTON, ND	(701) 572-4660 (800) 362-3500

ANNUAL INSPECTION

378962

A	W	S	ACCOUNT NO.	CUSTOMER UNIT NO.	PURCHASE ORDER NO.	MECH.	INVOICE NO.
				AL1431		Sm	198548

NAME	ADDRESS	DATE
UNIV OF MN		June 3, 14

CITY	STATE	CONTACT NAME	CONTACT PHONE NO.
MPLS		CHRIS	

MAKE	MODEL	SERIAL NO.	HOUR METER
JLG	2630ES	2001595540	140

GENERAL
- ☑ Appearance
- ☑ Hoods / Covers / Enclosures
- ☑ Welds
- ☑ Frame / Sheet Metal
- ☑ Cables / Chains
- ☑ Sheaves / Pulleys / Bushings / Bearings
- ☑ Pins / Bolts / Keepers / Retainers
- ☑ Latches
- ☑ Wheels / Tires / Rim / Casters
- ☑ Lanyard Attachment Points
- ☑ Lower Controls / Upper Controls
- ☑ Switches / Foot Switch
- ☑ Joysticks / Center Locks / Enable Switches
- ☑ Boots
- ☑ Emergency Stops
- ☑ Auxiliary / Emergency Lowering / All Sections
- ☑ Alarms
- ☑ Data Plate
- ☑ Operator's Manual / ANSI Manual / Manual Storage
- ☑ Warning / Danger / Capacity / Indicator Decals
- ☑ Platform / Floor / Railings
- ☑ Entry Chain / Gate
- ☑ A/C Cords / Plugs / GFI / Covers / Generator
- ☑ Lights / Strobe / Horn
- ☐ Power Washer / Air Hoses
- ☑ Full Operational Check to Maximum Height
- ☑ No Unauthorized Modifications

BOOM LIFTS
- ☑ Swing Bearing / Lube / Bolts
- ☑ Swing Gear Condition / Lube / Free Play
- ☑ Hydraulic Center Post Swivel
- ☑ Swing Gear Box Oil Level / Grease
- ☑ Swing Brake
- ☑ Swing Drive Cut Out / Light / Override Switch
- ☑ Swing Drive Directional Change Switch
- ☑ Drive Speeds / Hi Speed Cut Out
- ☑ Tilt Sensor / Alarm / Light
- ☑ Function Speeds / Smoothness
- ☑ Starter Cut Out With Foot Switch Depressed
- ☑ Power / Hose Track
- ☑ Boom Sections / Wear Pads / Lube
- ☑ Wheel Brakes
- ☑ Torque Hub Oil Levels
- ☑ Articulating Axle Float / Lock / Cut Out
- ☑ Axle Extend / Retract / Lock Pins / Interlock

GAS, DIESEL, BATTERY & HYDRAULICS
- ☑ Current PM
- ☑ Engine Oil Level / Condition
- ☑ Coolant Level / Protection to -34°F
- ☑ Air / Fuel Filters
- ☑ Belts / Pulleys / Fan
- ☑ Idle / High RPMs
- ☑ Knocks / Pings / Noise
- ☑ Choke / Glow Plugs
- ☑ Actuators / Linkage
- ☑ Start / Anti Restart
- ☑ Dual Fuel System / LP Pin
- ☑ Fuel Tank / Cap / Gauge / Labeled
- ☑ Engine Code / Light
- ☑ Batteries / Level / Terminals / Cables / Hold Down
- ☑ Charger
- ☑ Fuses / Breakers
- ☑ Motors Electric / Hydraulic
- ☑ Wiring
- ☑ Gauges / Meters
- ☑ Pumps
- ☑ Hydraulic Tank / Filter / Level / Oil Condition
- ☑ Cylinders / Valves / Hoses / Tubes
- ☑ Contactor / Relays / Disconnect
- ☑ Leaks

PERSONNEL LIFT
- ☐ Out Riggers / Interlock / Lights
- ☐ Down Operation Without Outriggers
- ☐ Debris / Pinch Guards
- ☐ Sequencing Cables / Straps
- ☐ Wear Pads / Rollers
- ☐ Mast Free Play
- ☐ Platform / Extension / Latch
- ☐ Bubble Level / Sensor / Cut Out / Alarm
- ☐ Foot Pads / Brakes / Locks
- ☐ Tilt Back Assembly / Struts / Pins / T-Bar
- ☐ Straddle Kit / Winches / Cables / Pins / Cord Reels

DRIVABLE PERSONNEL LIFT / MAST BOOMS
- ☐ High Speed Cut Out
- ☐ Pothole Protectors / Cut Out / Light / Alarm
- ☐ Tilt Sensor / Alarm / Light / Cut Out
- ☐ Brakes / Release
- ☐ Swing Gear Condition / Lube
- ☐ Swing Bearing Lube / Bolts
- ☐ Swing Gear Box Oil Level / Grease
- ☐ Hose / Cable Track
- ☐ Sequencing Cables / Straps
- ☐ Platform Extension / Latch / Ladder

TOWABLE PRODUCTS
- ☐ Park / Surge Brake
- ☐ Safety Chains / Cables
- ☐ Runaway Brake / Cable
- ☐ Hitch Coupler / Tongue Jack
- ☐ Trailer Lights
- ☐ Outriggers / Interlock
- ☐ Boom Hold Down Latches
- ☐ Swing Gear Condition / Lube / Free Play
- ☐ Swing Gear Box Oil Level / Grease
- ☐ Swing Bearing Bolts / Lube
- ☐ Tilt Sensor / Alarm / Light

SCISSOR LIFT
- ☑ High Speed / Drive Height Cut Outs
- ☑ Tilt Cut Out / Alarm / Light
- ☑ Pothole Protectors / Alarm / Cut Out
- ☑ Articulating Axle Float / Cut Out
- ☑ Leveling / Outrigger System
- ☑ Control / Brake Reactions
- ☑ Wheel Brakes / Release / Free Wheeling
- ☑ Steering / King Pin Bushings
- ☑ Drive Shafts / U-Joints
- ☑ Hub / Differential / Drop Box Oil Levels
- ☑ Ladder / Steps / Anti-Skid
- ☑ Deck Extension / Latch
- ☑ Fold Down Rails / Pins

OVERALL ☑ PASS *(STICKER INSTALLED)* ☐ FAIL *(NO STICKER)*

☐ REPAIRS DONE ☐ REPAIRS TO FOLLOW – PARTS ORDERED ☐ CUSTOMER DECLINES REPAIRS ☐ COULDN'T GET APPROVAL ☐ DO ESTIMATE

QTY.	PART NO.	DESCRIPTION	AMOUNT
	OIL PER QUART		
	GREASE PER POUND		
	HYDRAULIC OIL PER QUART		
	AUTOMATIC TRANSMISSION OIL PER QUART		
	ANTI-FREEZE PER QUART		
	BRAKE FLUID PER OUNCE		
	WASTE OIL DISPOSAL *(PERMIT #053-03222)*		
	AI *SERVICE CHARGE*		

COMMENTS: We would like to bring to your attention that the following repairs are needed on your fork truck.

MECHANIC: Sm

I hereby certify the listed planned maintenance was done along with necessary materials. You and your employees may operate above vehicle for purposes of testing, inspection, or delivery at my risk. An express mechanic's lien is acknowledged on above vehicle to secure the amount of repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to vehicles placed with them for storage, sale, repair, or while road testing.

☐ Customer would not allow planned maintenance on truck at this time.

Customer Signature _____

WHITE - ORIGINAL CANARY - ACCOUNTS RECEIVABLE GOLD - CUSTOMER COPY Rev. 10/2013

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
NN-B	CM 2T 622 CHAINFALL HOIST	5000LBS

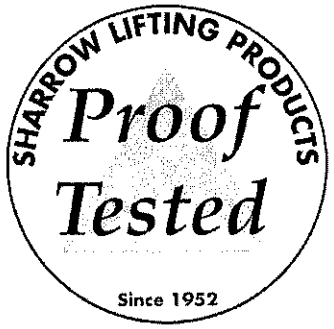
CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.



SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
NN-B	CM 2T 622 CHAINFALL HOIST	5000LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS
Proof Tested
Since 1952

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
6418SH	CM 1-1/2T 673 LEVER PULLER HOIST	3750LBS

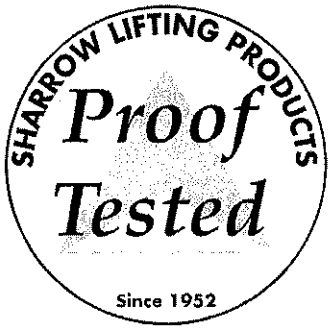
CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.



SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
6419SH	CM 1-1/2T 673 LEVER PULLER HOIST	3750LBS

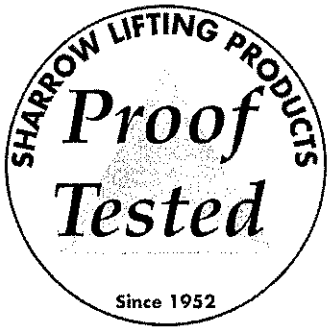
CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.



SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
6414SH	CM 1-1/2T 673 LEVER PULLER HOIST	3750LBS

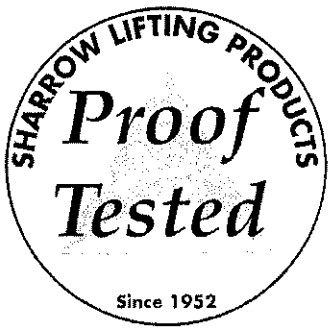
CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.



SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
6417SH	CM 1-1/2T 673 LEVER PULLER HOIST	3750LBS

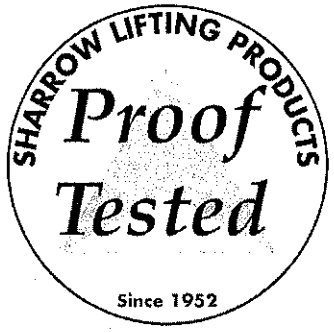
CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.



SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
6416SH	CM 1-1/2T 673 LEVER PULLER HOIST	3750LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS
Proof
Tested
Since 1952

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
2175	CM 1T 622 CHAINFALL HOIST	2500LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS
Proof Tested
Since 1952

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
2645UF	CM 1T 622 CHAINFALL HOIST	2500LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
SA-B	CM 5T 622 CHAINFALL HOIST	12,500LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS
Proof Tested
Since 1952

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
SA-B	CM 5T 622 CHAINFALL HOIST	12,500LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS
Proof Tested
Since 1952

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
SA-B	CM 5T 622 CHAINFALL HOIST	12,500LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS
Proof Tested
Since 1952

SHARROW LIFTING PRODUCTS

Quality. Safety. Strength

301 COUNTY ROAD E2 WEST 55112
BUSINESS (651) 489-1341 FAX (651) 489-1534

THE LIFTING DEVISE DESCRIBED HEREIN HAS BEEN SUBJECTED TO A STRAIGHT TENSION LOAD TEST TO MANUFACTURE & ASME REQUIRED SPECIFICATIONS.

SERIAL NO.	DESCRIPTION	LOAD TEST
SA-B	CM 5T 622 CHAINFALL HOIST	12,500LBS

CUSTOMER: U of M MAST LAB ORDER NO; 1007450

DATE: 06/24/2014 LOAD-TESTED BY: LARRY GLOVER

LOAD TEST:

"Load test" is a term designating the load applied to a devise for the purpose of detecting defects in the material, design, or manufacture. It is the load, in pounds which the above devise was subjected to in its' current condition at the time of test.

CAUTION:
The "Working load limit", "load test" or "Proof Test contain no implication as to the devise's actual ultimate strength if used in any way except the way it was loaded. Any change in the above factors or any abuses will lessen the load the above part will withstand.

SHARROW LIFTING PRODUCTS
Proof Tested
Since 1952