

HI-LO CLIMBERS

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Hi-Lo Climbers Hoist Pre-Operation Inspection Checklist

Date: _____
 Company Name: _____
 Job Site: _____
 Competant Person: _____
 Qualified Person: _____

Serial Numbers: _____

Overspeed Brake Assembly	Yes	N/A
NY Fairlead - tight, straight and not worn		
Cable Pressure Wheel - is not rounded/egg shaped and not worn		
Nut is securely fastened		
Spins freely		
Can hear trip dog clicking when spun slowly		
Cable Pressure Arm - unworn spring is present and it opens/springs closed		
Allen mounting bolt is securely fastened		
Bearing is not grooved and spins freely		
Eccentric Cam Assembly - Releases quickly when trip lever activated		
Has spring tension when turned counter clockwise to re-lock		
Top Fairlead - not worn and opens/springs closed		
Warning Labels - Warning Plate (Front) and Caution Plate (Rear) are present and legible		
Reeving Instructions & Operator's Manual - present inside front door and legible		
Front Door - straight, opens/closes freely and latch secures door closed		
Motor Clamp Assembly - securely tightens drill motor onto rear cover		
Passes Overspeed Brake Assembly Test		

Frame	Yes	N/A
Frame - straight and no damage, broken welds, rust or holes present		
Warning Label present and legible		
Speed wrench - present and secured		
A-Frame Fairlead - straight, not worn and opens/springs closed		
Stop Lock Bolt - not bent and securely fastened with nut and cotter pin		
Manual Safety Brake - has spring tension when lifted up and snaps down to pinch wire rope		
Passes Manual Safety Brake Test		

Speed Reducer Assembly	Yes	N/A
Drive Shaft Guard - unworn spring present and opens/closes freely		
Correct size chuck key (tool clip) and at least five shear pins (coin purse) present		
Stop Think decal is present and legible		
Chuck is securely fastened to shear pin assembly		
Speed Reducer - no leaks present and all bolts securely fastened		
Pawl - teeth and spring are not worn		
Passes Pawl Test		
Cable Pressure Bearing - not grooved and spins freely		
Transfer Wheel Hinge Arme - opens and closes freely		
No excessive vertical movement in bushings		
Pressure Wheel Main Assembly - warning decal present and legible		

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Speed Reducer Assembly	Yes	N/A
Pressure wheel is not grooved more than 3/32" and spins freely		
Connecting link is present and secured		
Transfer Wheel sides are not sharp or thin and it spins freely		
Bottom Fairlead Assembly - Straight, not worn and opens/springs closed		
Confinement Pin - Straight and not worn		
Sprocket - securely fastened and teeth are not worn		
Drive Pulley & Tension Sheave - no residue build-up in groove and is not worn		
Clutch Plate - present and not worn		
Speed Reducer Cover - unworn spring present and opens/closes freely		
No cracks, damage or residue build-up present		
Passes Visual Inspection Test		

Drill Motor	Yes	N/A
Directional Label - present and legible		
Trigger Switch - does not stick and moves freely		
Electric cord securely fastened to trigger handle		
Running amperage is 14 - 17 amps		
Operating Air Motor with 85 - 100 psi		
Air Oiler is full with air lubricant and properly attached to Air Motor		

35-I Motor	Yes	N/A
Plastic Motor Shield - not cracked or damaged and Motor Label present and legible		
Brake Override Latch - opens/closes freely		
Up/Down Buttons & Cam Switch Knob (On/Off) - does not stick and moves freely		
Control Housing and Brake Override Labels - present and legible		
Running amperage is 10 - 14 amps		
Running voltage is 220 - 240 volts		

Operator Briefing	Yes	N/A
Proper hoist operation		
Fall protection requirement		
Wire rope inspection		
Electrical Hazards/Welding Hazards & Protection		
Check support equipment prior to use		
Load restrictions on platform		
Code of Safe Practices to scaffold users		
Indicate the location of all operators manuals		

Site Specific Requirements	Yes	N/A

**This pre-operational checklist is a set of several reminders for a competent person to use as they are inspecting Hi-Lo Climbers Hoists and its components. Please be advised that in addition to these reminders, that the competent person must also follow and comply with all applicable laws, ordinances, rules and regulations of any public authority, including but not limited to, manufacturer, local, state/provincial, and federal, that have jurisdiction for the safety of persons or property involved. It is required that the competent person completes this form for each Hi-Lo Climbers Hoists and its components prior to anyone operating the equipment and/or before leaving the job site.*