



# Hydraulic Hammer Operational Ch

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Inspector		Date		Signature	
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## Accumulator & Impact System

Inspection Item	Note	Good	Repair	Replace	NA
Nitrogen pressure checked (if applicable)		■	■	■	■

Inspection Item	Ok	Faulty	NA
Charging valve condition verified	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Accumulator housing inspected for damage		■	■	■	■

Inspection Item	Pass	Fail	NA
Diaphragm replacement date verified	■	■	■

Inspection Item	Note	Yes	No	NA
Proper nitrogen charge level verified		■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Main accumulator seals inspected for leaks		■	■	■	■
Back-head accumulator checked (if equipped)		■	■	■	■

Inspection Item	Ok	Faulty	NA
Charging equipment available and functional	■	■	■
Impact energy consistent with specifications	■	■	■

Inspection Item	Note	Yes	No	NA
Operating frequency within normal range		■	■	■

Inspection Item	Ok	Faulty	NA
Impact sound normal (no metallic ringing)	■	■	■

Inspection Item	Pass	Fail	NA
No visible gas leaks from accumulator	■	■	■

## Carrier Equipment Preparation

Inspection Item	Note	Good	Repair	Replace	NA
Carrier hydraulic oil level checked		■	■	■	■

Inspection Item	Note	Yes	No	NA
Carrier hydraulic filter condition verified		■	■	■

Inspection Item	Ok	Faulty	NA
Carrier hydraulic oil temperature normal	■	■	■

Inspection Item	Note	Yes	No	NA
Auxiliary hydraulic circuit engaged/activated		■	■	■
Flow and pressure settings verified for hammer		■	■	■
Carrier positioned on stable, level ground		■	■	■

Inspection Item	Pass	Fail	NA
Outriggers/stabilizers deployed (if applicable)	■	■	■

Inspection Item	Ok	Faulty	NA
Operator controls functioning properly	■	■	■

Inspection Item	Note	Yes	No	NA
Engine operating at recommended RPM		■	■	■

Inspection Item	Ok	Faulty	NA
Quick coupler locked and verified (if applicable)	■	■	■

Inspection Item	Note	Yes	No	NA
Hammer properly aligned with carrier		■	■	■
Operator visibility to work area verified		■	■	■

## Hydraulic System Checks

Inspection Item	Note	Yes	No	NA
Hydraulic hoses routed properly without kinks		■	■	■

Inspection Item	Pass	Fail	NA
Hose length appropriate (not too tight/loose)	■	■	■
Pressure and return lines correctly connected	■	■	■

Inspection Item	Note	Yes	No	NA
No hydraulic leaks at connections		■	■	■

Inspection Item	Ok	Faulty	NA
Hydraulic pressure relief valves functioning	■	■	■

Inspection Item	Pass	Fail	NA
Case drain line connected (if applicable)	■	■	■

Inspection Item	Ok	Faulty	NA
Hydraulic oil cooler functioning properly	■	■	■

Inspection Item	Note	Yes	No	NA
Operating hydraulic pressure verified		■	■	■

Inspection Item	Pass	Fail	NA
Operating hydraulic flow rate verified	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Back pressure in return line checked		■	■	■	■
Hydraulic oil condition checked (color/smell)		■	■	■	■

Inspection Item	Note	Yes	No	NA
Hammer control valve functioning correctly		■	■	■

## Lubrication System

Inspection Item	Note	Yes	No	NA
Manual greasing performed before operation		■	■	■
Correct grease type used per specifications		■	■	■

Inspection Item	Ok	Faulty	NA
Grease fittings clear and functional	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Grease lines inspected for damage		■	■	■	■
Auto-lubrication system checked (if equipped)		■	■	■	■

Inspection Item	Pass	Fail	NA
Auto-lube reservoir filled (if equipped)	■	■	■
Auto-lube pump functioning properly	■	■	■
Lubricant distribution to bushings verified	■	■	■
Sufficient grease on tool shank	■	■	■

Inspection Item	Ok	Faulty	NA
Tool bushing grease appearance normal	■	■	■

Inspection Item	Pass	Fail	NA
Grease control valve functioning (if equipped)	■	■	■

Inspection Item	Ok	Faulty	NA
Additional grease available on site	■	■	■

## Mounting System & Frame

Inspection Item	Note	Good	Repair	Replace	NA
Mounting bracket condition checked		■	■	■	■

Inspection Item	Ok	Faulty	NA
Mounting bolts torqued to specifications	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Top bracket bushings inspected		■	■	■	■
Through-bolts checked for tightness		■	■	■	■
Tie rods inspected and properly torqued		■	■	■	■
Vibration dampening system checked		■	■	■	■
Rubber isolators inspected (if equipped)		■	■	■	■
Quick coupler pins/wedges inspected		■	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Mounting frame inspected for cracks		■	■	■	■
Side plates checked for damage/wear		■	■	■	■

Inspection Item	Pass	Fail	NA
Alignment with carrier boom verified	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Hammer housing inspected for cracks		■	■	■	■

## Operational Settings

Inspection Item	Pass	Fail	NA
Hydraulic flow set to manufacturer specifications	■	■	■

Inspection Item	Ok	Faulty	NA
Hydraulic pressure set to specifications	■	■	■
Impact frequency control adjusted (if equipped)	■	■	■

Inspection Item	Note	Yes	No	NA
Impact energy control adjusted (if equipped)		■	■	■

Inspection Item	Ok	Faulty	NA
Blow rate appropriate for material	■	■	■
Working mode selection correct	■	■	■

Inspection Item	Pass	Fail	NA
Auto-idle system disengaged if necessary	■	■	■

Inspection Item	Ok	Faulty	NA
Engine RPM set to recommended level	■	■	■

Inspection Item	Pass	Fail	NA
Two-speed control set correctly (if equipped)	■	■	■

Inspection Item	Ok	Faulty	NA
Anti-blank fire system operational (if equipped)	■	■	■
Start-up procedure followed per manual	■	■	■
Warm-up procedure completed	■	■	■

## Pre-Operation Inspection

Inspection Item	Note	Good	Repair	Replace	NA
Visual inspection of entire hammer unit completed		■	■	■	■
Mounting brackets and hardware checked for tightness		■	■	■	■
Hydraulic hoses inspected for damage or leaks		■	■	■	■
Hydraulic couplers checked for security and damage		■	■	■	■
Tool/moil point condition inspected		■	■	■	■
Tool retaining pin checked and secured		■	■	■	■
Lower tool bushing inspected for wear		■	■	■	■

Inspection Item	Note	Yes	No	NA
Grease fitting condition verified		■	■	■

Inspection Item	Pass	Fail	NA
Hammer properly greased before operation	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Nitrogen accumulator pressure checked (if applicable)		■	■	■	■

Inspection Item	Pass	Fail	NA
All safety decals present and legible	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Hammer case inspected for cracks or damage		■	■	■	■

### ***Tool & Wear Components***

Inspection Item	Note	Good	Repair	Replace	NA
Tool point checked for mushrooming/damage		■	■	■	■
Tool shank inspected for scoring/damage		■	■	■	■
Tool retaining pin inspected		■	■	■	■
Front tool bushing checked for wear		■	■	■	■
Lower tool bushing checked for wear		■	■	■	■

Inspection Item	Note	Yes	No	NA
Tool properly lubricated		■	■	■

Inspection Item	Pass	Fail	NA
Tool diameter measured and recorded	■	■	■

Inspection Item	Note	Good	Repair	Replace	NA
Thrust ring/impact ring condition checked		■	■	■	■
Buffer system inspected (if applicable)		■	■	■	■

Inspection Item	Pass	Fail	NA
Dust seals intact and functional	■	■	■

Inspection Item	Ok	Faulty	NA
Correct tool type for application verified	■	■	■

Inspection Item	Note	Yes	No	NA
Tool retaining system properly secured		■	■	■