

Workorder#: 1012164

Date: 16-Jun-25

LSA Oilfield Services



Rebel NDT Inspections Ltd.

BONNYVILLE - COLD LAKE - ST. PAUL - ATHABASCA - LAC LA BICHE

• Having Access to:
 • Non-Destructive Testing • UT MPI LPI
 • Wall Thickness Testing
 • Hardness Testing • Materials Consulting
 • Crane and Picker Certification
 • Manlift Certification • Corrosion
 Monitoring
 • Failure Analysis • Quality Control
 • Weld Procedures (WPS, PQR)
 • Predictive Maintenance
 • Computer Generated Drawings (CAD)

Box 7282

Bonnyville AB T9N 2H6

PHONE 780-826-9387

email: JReid@RebelNDT.com

Item: Telescopic Knuckle Picker**Year Boom Dismantled:****Make:** Hiab**Re-Cert Period:** 1 Year**Serial Number:** 16611328**Inspection Location:** Bonnyville**Model:** 166B-3 CLX**Year Manufactured:****Unit:** 007**hrs / miles / km:****Capacity:** See OEM Specifications**Colour:**

☐ BC ☒ AB ☐ SK ☐ MB ☐ ON ☐ QC ☐ NB ☐ PEI ☐ NS ☐ NL ☐ YK ☐ NWT ☐ NV

Comments

Rebel NDT Inspections Ltd. performed a Visual and Dry Magnetic Particle inspection on the above mentioned Telescopic Knuckle Picker.

Above equipment was cleaned of dirt, oil and grease prior to inspection.

No relevant indications were noted at the time of inspection.

Upon review and approval by our professional engineer (P.Eng) the inspected equipment will be recommended for certification.

Boom or Beam

	Inspection types	OK	Repair Date	N/A	Comment #
Boom Butt Section	Visual & MPI	☒			
Boom Camber	Visual	☒			
Boom Mid Section(s)	Visual & MPI	☒			
Boom Pin(s)	Visual	☒			
Boom Telescoping Cylinder Brackets	Visual & MPI	☒			
Boom Telescoping Cylinder Hyd. Line(s)	Visual	☒			
Boom Telescoping Cylinder Pin(s)	Visual	☒			
Boom Telescoping Cylinders	Visual	☒			
Boom Tip Section	Visual & MPI	☒			
Boom Travel Mount	Visual & MPI	☒			
Boom Twist	Visual	☒			
Boom Wear Pads	Visual	☒			
Lift Cylinder Hyd. Line(s)	Visual	☒			
Lift Cylinder Mount Bracket(s)	Visual & MPI	☒			
Lift Cylinder Pin(s)	Visual	☒			
Lift Cylinder(s)	Visual	☒			

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Doc. No. 1234-0141

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Journal of Management Education 36(8) 907-921

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Contract 10, for building the road to be used now from June 1, 1914

19. *Chlorophyll a* and *Chlorophyll b* are the two main photosynthetic pigments in green plants.

John, Margaret, and I have all been disappointed (again) in the lack of any really strong response to our book.

[illegible]

S. J. Gould

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1004 *Journal of Interpersonal Violence* 26(5)

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

Journal of Management Studies, 20(6), 791-807



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•Manlift Certification •Corrosion
Monitoring
•Failure Analysis •Quality Control
•Weld Procedures (WPS,PQR)
•Predictive Maintenance
•Computer Generated Drawings(CAD)

Hook & Rigging

	Inspection types	OK	Repair Date	N/A	Comment #
Hook Safety Latch	Visual	☒			
Hook(s)	Visual & MPI	☒			
Lifting Block(s)	Visual	☒			

Outrigger

	Inspection types	OK	Repair Date	N/A	Comment #
Outrigger Beam(s)	Visual & MPI	☒			
Outrigger Boxes / Base Frame	Visual & MPI	☒			
Outrigger Cylinder Brackets	Visual & MPI	☒			
Outrigger Extending Cylinders	Visual	☒			
Outrigger Hoses	Visual	☒			
Outrigger Jacks	Visual & MPI	☒			
Outrigger Knee Braces	Visual & MPI	☒			
Outrigger Pads	Visual & MPI	☒			
Outrigger Pins	Visual	☒			

Safety Devices

	Inspection types	OK	Repair Date	N/A	Comment #
Capacity Clearly Labeled	Visual	☒			
Controls Clearly Labeled	Visual	☒			
Level Indicators	Visual	☒			
Load Chart	Visual	☒			
Log Book	Visual	☒			
Stow sensor/indicator	Visual	☒			

Turret

	Inspection types	OK	Repair Date	N/A	Comment #
Pedestal & Frame Mounts	Visual & MPI	☒			
Turret	Visual & MPI	☒			
Turret Mounting Bolts	Visual	☒			
Turret Swing Stop	Visual	☒			

HR-86-102 - CIVIL RIGHTS ACT TRAINING COURSE REPORT

doi:10.1371/journal.pone.0142001.g002

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Boom Details	☐ Lattice	☐ Telescoping	☐ Scissor	☐ Articulating	☐ Stiff	☐ T Frame	☐ A Frame
Boom Section Type							
	Tip		Serial Number		Length		
			-		10.3m		
	Mid		-		8.2m		
	Mid		-		6.3m		
	Butt		-		4.5m		

3.1.1. *Method*

ROSA AL. ARZAMENTA - JEN. E. HALL - J. L. HARRIS

• **1997** – **1998** – **1999** – **2000** – **2001** – **2002** – **2003** – **2004** – **2005** – **2006** – **2007** – **2008** – **2009** – **2010** – **2011** – **2012** – **2013** – **2014** – **2015** – **2016** – **2017** – **2018** – **2019** – **2020** – **2021** – **2022** – **2023** – **2024** – **2025** – **2026** – **2027** – **2028** – **2029** – **2030** – **2031** – **2032** – **2033** – **2034** – **2035** – **2036** – **2037** – **2038** – **2039** – **2040** – **2041** – **2042** – **2043** – **2044** – **2045** – **2046** – **2047** – **2048** – **2049** – **2050** – **2051** – **2052** – **2053** – **2054** – **2055** – **2056** – **2057** – **2058** – **2059** – **2060** – **2061** – **2062** – **2063** – **2064** – **2065** – **2066** – **2067** – **2068** – **2069** – **2070** – **2071** – **2072** – **2073** – **2074** – **2075** – **2076** – **2077** – **2078** – **2079** – **2080** – **2081** – **2082** – **2083** – **2084** – **2085** – **2086** – **2087** – **2088** – **2089** – **2090** – **2091** – **2092** – **2093** – **2094** – **2095** – **2096** – **2097** – **2098** – **2099** – **2100** – **2101** – **2102** – **2103** – **2104** – **2105** – **2106** – **2107** – **2108** – **2109** – **2110** – **2111** – **2112** – **2113** – **2114** – **2115** – **2116** – **2117** – **2118** – **2119** – **2120** – **2121** – **2122** – **2123** – **2124** – **2125** – **2126** – **2127** – **2128** – **2129** – **2130** – **2131** – **2132** – **2133** – **2134** – **2135** – **2136** – **2137** – **2138** – **2139** – **2140** – **2141** – **2142** – **2143** – **2144** – **2145** – **2146** – **2147** – **2148** – **2149** – **2150** – **2151** – **2152** – **2153** – **2154** – **2155** – **2156** – **2157** – **2158** – **2159** – **2160** – **2161** – **2162** – **2163** – **2164** – **2165** – **2166** – **2167** – **2168** – **2169** – **2170** – **2171** – **2172** – **2173** – **2174** – **2175** – **2176** – **2177** – **2178** – **2179** – **2180** – **2181** – **2182** – **2183** – **2184** – **2185** – **2186** – **2187** – **2188** – **2189** – **2190** – **2191** – **2192** – **2193** – **2194** – **2195** – **2196** – **2197** – **2198** – **2199** – **2200** – **2201** – **2202** – **2203** – **2204** – **2205** – **2206** – **2207** – **2208** – **2209** – **2210** – **2211** – **2212** – **2213** – **2214** – **2215** – **2216** – **2217** – **2218** – **2219** – **2220** – **2221** – **2222** – **2223** – **2224** – **2225** – **2226** – **2227** – **2228** – **2229** – **2230** – **2231** – **2232** – **2233** – **2234** – **2235** – **2236** – **2237** – **2238** – **2239** – **2240** – **2241** – **2242** – **2243** – **2244** – **2245** – **2246** – **2247** – **2248** – **2249** – **2250** – **2251** – **2252** – **2253** – **2254** – **2255** – **2256** – **2257** – **2258** – **2259** – **2260** – **2261** – **2262** – **2263** – **2264** – **2265** – **2266** – **2267** – **2268** – **2269** – **2270** – **2271** – **2272** – **2273** – **2274** – **2275** – **2276** – **2277** – **2278** – **2279** – **2280** – **2281** – **2282** – **2283** – **2284** – **2285** – **2286** – **2287** – **2288** – **2289** – **2290** – **2291** – **2292** – **2293** – **2294** – **2295** – **2296** – **2297** – **2298** – **2299** – **2300** – **2301** – **2302** – **2303** – **2304** – **2305** – **2306** – **2307** – **2308** – **2309** – **2310** – **2311** – **2312** – **2313** – **2314** – **2315** – **2316** – **2317** – **2318** – **2319** – **2320** – **2321** – **2322** – **2323** – **2324** – **2325** – **2326** – **2327** – **2328** – **2329** – **2330** – **2331** – **2332** – **2333** – **2334** – **2335** – **2336** – **2337** – **2338** – **2339** – **2340** – **2341** – **2342** – **2343** – **2344** – **2345** – **2346** – **2347** – **2348** – **2349** – **2350** – **2351** – **2352** – **2353** – **2354** – **2355** – **2356** – **2357** – **2358** – **2359** – **2360** – **2361** – **2362** – **2363** – **2364** – **2365** – **2366** – **2367** – **2368** – <

Received 10 April 1997; accepted 10 July 1997