



RAE Engineering and Inspection Ltd.

**EQUIPMENT CERTIFICATION
FIELD INSPECTION REPORT**

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Red Deer | 403-356-9226 Calgary | 403-210-3305
www.raeengineering.ca

Equipment: RAEQ57925

INSPECTION REPORT			
Client:	Strait Group		Inspection Date: March 9, 2026
Owner:	Strait Group		Inspection Type: Visual/MPI
RAE No.:	RAEQ57925		Job No.: PR5360
Equipment Type:	Knuckle Picker		Location: Grande Prairie
Manufacturer:	Hiab		LSD: XX LSD
Model:	077 BS-3CLX		Unit ID: LT0372
Serial No.:	BL077CL00401		Client Reference: -
Capacity:	3350 KG		Next Inspection: March 9, 2027
<input type="checkbox"/> BC	<input checked="" type="checkbox"/> AB	<input type="checkbox"/> SK	<input type="checkbox"/> NU/NT <input checked="" type="checkbox"/> Other: XX
Status:	Certification recommended		

Inspection Comments

RAE Engineering and Inspection Ltd. performed a Visual/MPI inspection on the above mentioned unit, in all accessible components as outlined in the below checklist.

No relevant indications were noted at the time of the inspection.

Cracked travel mount was repaired at the time of inspection

This unit will be recommended for certification by our engineer.

Inspector: Scott Picken
Initials: CGSB MT NO. 13752
SP2

Reviewer: Shawn Santo, P.Eng.



MOBILE CRANES CHECKLIST			
Item	Type of Inspection	Results	Comments
Boom			
Boom overall condition	Visual/MPI	OK	
Boom main pin(s)	Visual	OK	
Lift cylinder mount bracket(s)	Visual/MPI	OK	
Lift cylinder pin(s)	Visual	OK	
Lift cylinder(s)	Visual/MPI	OK	
Boom butt-section	Visual/MPI	OK	
Boom mid-section(s)	Visual/MPI	OK	
Boom tip-section	Visual/MPI	OK	
Dead section(s)	Visual/MPI	N/A	
Boom telescoping cylinder brackets	Visual/MPI	OK	
Boom telescoping cylinder Pin(s)	Visual	OK	
Boom telescoping cylinders	Visual	OK	
Boom travel mount	Visual/MPI	OK	
Boom twist and camber	Visual	OK	
Boom wear pads	Visual	OK	
Hook and Rigging			
Hook overall condition	Visual/MPI	OK	
Hook safety latch	Visual	OK	
Hook(s)	Visual/MPI	OK	
Lifting block(s)	Visual	N/A	



MOBILE CRANES CHECKLIST			
Item	Type of Inspection	Results	Comments
Outrigger			
Outrigger overall condition	Visual/MPI	OK	
Outrigger beam(s)	Visual/MPI	OK	
Outrigger boxes / base frame	Visual/MPI	OK	
Outrigger cylinder(s)	Visual/MPI	OK	
Outrigger hoses	Visual	OK	
Outrigger pads	Visual/MPI	OK	
Outrigger pins	Visual	OK	
Turret			
Turret overall condition	Visual/MPI	OK	
Pedestal and frame mounts	Visual/MPI	OK	
Turret	Visual/MPI	OK	
Turret mounting bolts	Visual	OK	
Safety Devices			
Capacity clearly labeled	Visual	OK	
Controls clearly labeled	Visual	OK	
Level indicators	Visual	OK	
Load chart	Visual	OK	
Log book	Visual	OK	

BLOCK AND BOOM INFORMATION



Boom Information			Block Information		
Type of Boom Section	Serial No.	Length	Type of Block	Serial No.	Capacity
Butt		1.6 m	Hook Only	-	-
Mid		3.3 m			
Mid		4.6 m			
Mid		6.1 m			
Tip		7.5 m			
			Boom Total Length		
			7.5 m		



Figure 1:



Figure 2:

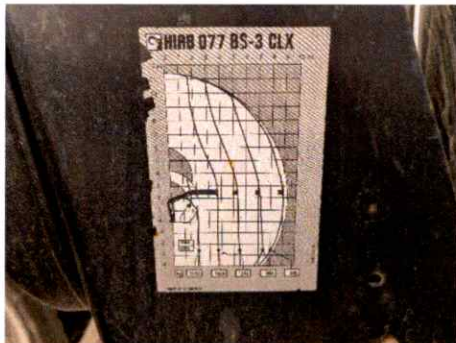




Figure 3:



Figure 5:

Figure 4:

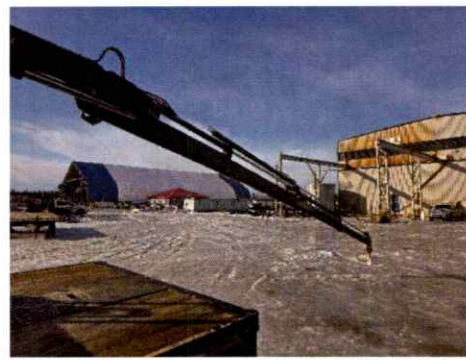


Figure 6: