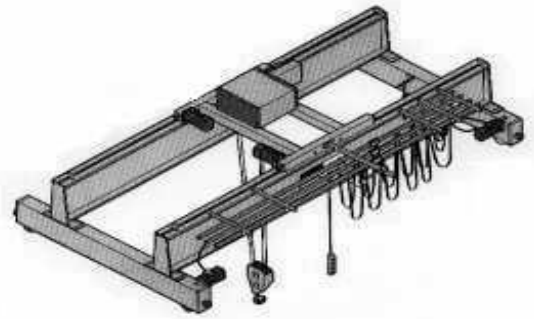




**Norelco  
Crane  
Services**

#05-19533-96th Avenue, Surrey, B.C. V4N4C5  
Telephone: (604) 888-6022 Fax: (604)888-6128



## Crane Safety Inspection Report

		Date: <b>March 20, 2024.</b>	
Customer: <b>City Of Kamloops (City Yard)</b> <b>(250)828-3470, Job Order No:NI761861</b>		Supervisor: <b>Trevor Twemlow</b>	
Crane Type: <b>S.G.U.R.</b>		Crane Manufacturer: <b>Norelco Industries</b>	
Capacity: <b>3-Tons</b>	Span: <b>29 Feet</b>	Crane S/N: <b>975</b>	
Hoist Manufacturer: <b>Vulcan</b>	Capacity: <b>3-Tons</b>	Model: <b>L6B134X2</b>	
Hoist S/N: <b>8907LP611</b>	Lift: <b>12 Feet</b>	Voltage: <b>575V-3-60</b>	
Crane Location: <b>'D' Building Shop Crane</b>			

Component	Condition				Component	Condition			
<input checked="" type="checkbox"/> BRIDGE <input type="checkbox"/> JIB <input type="checkbox"/> MONORAIL <input type="checkbox"/> GANTRY	Good	Fair	Replace	Repair	<input checked="" type="checkbox"/> BRIDGE <input type="checkbox"/> JIB <input type="checkbox"/> MONORAIL <input type="checkbox"/> GANTRY	Good	Fair	Replace	Repair
Brakes		<b>X</b>			Motors		<b>X</b>		
Gearcase		<b>X</b>			Control Panel & Enclosures		<b>X</b>		
Wheels & Pinions		<b>X</b>			Mainline Contactor		<b>X</b>		
Wheel Bearing & Gearing		<b>X</b>			Trolley & Bridge Limit Trips		<b>X</b>		
Girder Connections		<b>X</b>			Power Collectors		<b>n/a</b>		
Alignment & Trucking		<b>X</b>			Power Disconnect		<b>X</b>		
Trolley Rails & Stops		<b>X</b>			Pushbutton Pendant		<b>X</b>		
Guards & Covers		<b>X</b>			Festooning System		<b>X</b>		
Bumpers		<b>X</b>			General Structure		<b>X</b>		
Rails Sweeps		<b>n/a</b>			Jib Mast		<b>n/a</b>		
Line Shafts, Bearing & Couplings		<b>n/a</b>			Jib Boom		<b>n/a</b>		
Clearances		<b>X</b>			Jib Bearing		<b>n/a</b>		
Capacity Markings		<b>X</b>			Control & Power Festoon		<b>X</b>		
Directional Sign		<b>X</b>			Frequency Drive		<b>n/a</b>		

# NORELCO CRANE SERVICES

<b>Customer info:</b> City Of Kamloops (City Yard) (250)828-3470, Job Order No:NI761861	
<b>Crane Type:</b> S.G.U.R.	<b>Capacity:</b> 3-Tons
<b>Location:</b> 'D" Building Shop Crane	<b>Date:</b> March 20, 2024.

Component	Condition				Component	Condition			
HOIST <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Manual <input type="checkbox"/> Air	HOIST 1		HOIST 2		TROLLEY <input checked="" type="checkbox"/> Electric <input type="checkbox"/> Push-Pull <input type="checkbox"/> Handgeared	HOIST 1		HOIST 2	
	GOOD	REPAIR	GOOD	REPAIR		GOOD	REPAIR	GOOD	REPAIR
Holding Brake & Components	X				Rail Sweeps	n/a			
Gearcase	X				Bumpers	n/a			
Sprocket	X				Drop Stops	X			
Load Chain	X				Wheels & Pinions	X			
Chain Guide	X				Wheel Bearings & Gearing	X			
Hook(s) & Saftey Latches	X				Motor	X			
Hand Chain	n/a				Gearcase	X			
Chain Container	note				Brake	n/a			
Capacity Marking	X				Collectors & Conductors	X			
Motor	X				Control Panel & Enclosures	X			
Limit Switch(s)	X				General Wiring & Conduit	X			
Control Panel & Enclosures	X				General Structure & Welds	X			
Pushbutton Pendant	X				Frequency Drive	n/a			
Radio Control	n/a				Cable Reel	n/a			
Overload Protection	n/a				Hand Chain	n/a			
Mechanical Load Brake	n/a				Radio Control	n/a			
Bottom Hook Block	X								

<input checked="" type="checkbox"/> RUNWAY	GOOD	FAIR	REPAIR	REPLACE	<input type="checkbox"/> MONORAIL	GOOD	FAIR	REPAIR	REPLACE
Rail Alignment		X			Rail Alignment				
Rail Joints		X			Rail Joints				
Rail Wear		X			Rail Wear				
End Stops		X			End Stops				
Runway Mainline Disconnect		X			Monorail Disconnect				
Runway Power Conductors		X			Monorail Power Conductors				
General Structure & Welds		X			General Structure & Welds				
Travel Limit Brackets		n/a			General Condition				
Housekeeping		X			Housekeeping				
Other					Other				

## NORELCO CRANE SERVICES

Crane Location: City Of Kamloops (City Yard) (250)828-3470, Job Order No:NI761861	
Crane Type: S.G.U.R.	Capacity: 3-Tons
Job location: 'D' Building Shop C	Date: March 20, 2024.

Remarks:

### Norelco Crane Services Ltd.

Inspections are in compliance with the Canadian Standard Association CSAB167-96  
Safety Standard for Maintenance and Inspections of Overhead Cranes, Gantry Cranes,  
Monorails, Hoists, and Trolley's. Section 4 Inspection.

Your Above Mentioned Crane Service Class Is **B**

A - (Standby or Infrequent Service) Long Idle periods between lifts.

B - (Light Service) Light warehousing with 2-5 Lifts per hour.

**C - (Moderate Service) with Loads average 50% with 5-10 Lifts per hour.**

D - (Heavy Service) Loads 50% with 10-20 Lifts per hour.

E - (Severe Service) Loads 100% with 20 or more Lifts per hour.

F- (Continuous Severe Service) Load 100% continuously.

Our Service Technicians Comply to CSA Section 4. 4.1 Inspection Criteria

We comply to 4.2 Inspection Criteria 4.3 Inspection Records

### NOTE:

The Above Customer Must Have Confirmation Of The Load Capacity Of The Crane  
& The Support Structure I.E. Existing Drawings Or Other Certification.

Note: This inspection report does not apply a warranty or Guarantee of the equipment inspected, or as to the equipments future operating capabilities. It only serves as a summary of the visual inspection performed on the above date.

# NORELCO CRANE SERVICES

Crane Location: City Of Kamloops (City Yard) (250)828-3470, Job Order No:NI761861	
Crane Type: S.G.U.R.	Capacity: 3-Tons
Job location: 'D' Building Shop C	Date: March 20, 2024.

Remarks:

- Checked and lubricated the hoist load chain, checked all motor brakes and all motor control devices, also checked all crane operations during the inspection.
- The pendant station strain relief is not supporting the pendant cable, it needs to be repaired. **(B)**
- Both bridge motor gearcases have minor oil leaks, they need to be monitored. **(C)**
- The load chain container is starting to rip off on the bottom, and its holding frame, it may require replacement soon, it should be monitored. **(B)**

*Festoon cable, cable carriers and C-track for pendant control were replaced in May of 2023.*

***A - Safety threat, requires immediate repairs.***

***B - Repairs required, equipment is working and poses no immediate Safety threat.***

***C - Reported, not urgent but needs monitoring.***

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Inspected by: Yuriy Yevseyev