

# Inspection & Certification Services

Columbia Machine Works offers numerous inspection programs from field inspections to in-house inspections for rigging and below-the-hook lift devices.

★ ★ American Made ★ ★



- CMW performs on-site and off-site inspection, repair and testing to rigging, hoist (chain falls and lever pullers), and below-the-hook lift devices.
- Wire rope slings are inspected for missing or illegible tags, damage to the lift eyes, splices, body and attached rigging and hardware.
- Chain slings are inspected for missing or illegible tags, damaged or missing hooks, damaged chain links, oblongs, connecting links and other hardware and rigging attachments.
- Chain mesh slings are inspected for missing or illegible tags, excessive wear, cracked, damaged or stretched links, weld splatter, knots and other visible damage that could compromise the sling compliance.
- Synthetic slings are inspected for missing or illegible tags, damage to the sling body, eyes, stitching and other issues that may make the sling non-compliant.
- Hoist (chain falls and lever pullers) are inspected and load tested to 125% of capacity to comply with ASME standards.

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**CERTIFICATE OF TESTING**

Customer: Columbia Machine Works  
1940 Oakland Pkwy  
Columbia, TN 38401

Test ID: 124  
Test Date: 8/19/2014 4:18:34 PM  
Test Duration: 00:00:38  
Serial Number: 57221-1

Product: Chain Sling  
Description: Single Leg With Grab Hook  
Model Number: SG

Size: 3/32"  
Length: 4' 1 3/8"  
WLL: 3500  
Proof Load: 4375

Channel Peak Load 4387

Operator: Cory Pugh  
Material: SG  
Notes: Proof Test Performed on CMW's Used Chain Sling for Recert.

Testing equipment calibrated to ASTM-E4, +/- 1%  
Traceable to NIST

Test Results:  
 Acceptable  
 Not Acceptable

Operators signature: \_\_\_\_\_

These products have been load tested to them in accordance with the customer's specifications. There is no warranty, expressed or implied, by the test machine manufacturer that these products are suitable for a purpose or use.  
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- Below-the-hook lift devices are inspected for damaged welds, deformation to the device structure, worn or damaged bails and damage to pick points. CMW can perform non-destructive testing on the device, recondition the device and recertify to comply with ASME standards B30.20-2013.

- CMW has capabilities to load test and cycle test lift devices designed for 100,000 lb. capacities. Certification and test documentation can be formatted per customer request.

- All designs, development, production, repairs, load test and certification and re-certification are performed by CMW engineers and technicians at the CMW facility in Columbia, Tennessee, according to ASME Standards: B30.26-2010, B30.10.2014, B30.20-2013, ASME BTH-I-2013, CEI IEC 60239, DIN EN 13155 and OSHA 1910.184.

- Each inspected or load tested product is tagged and a certificate supplied with the CMW name, date of certification and the certification details.

 **Safe lifting and material handling is priority at Columbia Machine Works.** Our goal with the CMW inspection, repair and certification and re-certification program is to keep your company in compliance and your employees safe.



FOR SALES CONTACT: COLUMBIA MACHINE WORKS OR EXO TECHNOLOGIES

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