



## ONAC ACREDITA A:

RTA RESPUESTA ALTERNA S.A.S

NIT. 900.299.727-4

Carrera 22 # 150 – 55, Bogotá D.C., Colombia

La acreditación de este organismo de Evaluación de la Conformidad se ha realizado con respecto a los requisitos especificados en la norma:

### ISO/IEC 17020:2012

Requisitos para el funcionamiento de diferentes tipos de organismos que realizan la inspección

Esta Acreditación es aplicable al alcance establecido en el anexo de este certificado, identificado con el código:

# 13-OIN-011

Fecha de publicación del Otorgamiento:

2014-04-23

Fecha de Renovación:

2022-04-23

Fecha de publicación última actualización:

2023-11-08

Fecha de vencimiento:

2027-04-22

La vigencia de este certificado puede ser verificada en [onac.org.co/directorio-de-acreditados/buscador-por-organismo](https://onac.org.co/directorio-de-acreditados/buscador-por-organismo) o escaneando el código QR



  
Director Ejecutivo

# ANEXO DEL CERTIFICADO

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21	Grúas Móviles y Ferroviarias	<p><b>ASME B 30.5 -2021 MOBILE AND LOCOMOTIVE CRANES</b></p> <p>5-1. Construction and Characteristics            5-1.1. Load Rating and Technical Information            5-1.1. a - 5-1.1. b - 5-1.1.c            5-1.1.3. Load Rating Chart            5-1.3. Boom hoist, Load hoist and Telescopic Boom Mechanisms            5-1.3.1. Boom Hoist Mechanism            5-1.3.1. b.1 - 5-1.3.1.c - 5-1.3.1.d            5-1.3.2. Load Hoist Mechanism            5-1.3.2.a.2 - 5-1.3.2.a.4 - 5-1.3.2.a.5            5-1.3.3 Telescoping Boom            5-1.3.3.c            5-1.4 Swing Mechanism            5-1.4.2 Swing Braking Means and Locking Devices            5-1.5 Crane Travel            5-1.5.1 Travel controls            5-1.5.3 Travel Breaks And Locks            5-1.5.3.f            5-1.6 Controls            5-1.6.1 General            5-1.6.3 Power Plant Controls            5-1.6.4 Engine Clutch            5-1.7 Ropes and reeving Accessories            5-1.7.2 Ropes            5-1.7.2a - 5-1.7.2. b - 5-1.7.2.c - 5-1.7.2.f            5-1.7.3. Reeving Accessories            5-1.7.4. Sheaves            5-1.7.6. Load Hook, Ball Assemblies, and Load Block            5-1.8 Cabs            5-1.8.1 Construction            5-1.8.1. b - 5-1.8.1.c - 5-1.8.1.d - 5-1.8.1.f            5-1.8.2.a Platform to Cab            5-1.8.3. Access to Cab            5-1.8.4. Cab Roof            5-1.9 General Requirements            5-1.9.1. Booms            5-1.9.2. Exhaust Gases            5-1.9.3. Outriggers            5-1.9.7. Guards of Moving Parts            5-1.9.7.a            5-1.9.8. Clutch and Brakes Protection            5-1.9.9. Hydraulic and Pneumatic Line Protection            5-1.9.10. Operational Aids            5-1.9.12 Miscellaneous Equipment</p>	A

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		5-1.9.12.c - 5-1.9.12.d - 5-1.9.12.g 5.2. Inspection, Testing and Maintenance 5-2.1. Inspection 5-2.1.2. Frequent Inspection 5-2.1.3. Periodic Inspection 5-2.1.3. a - 5-2.1.3. b - 5-2.1.3.c - 5-2.1.3. d - 5-2.1.3. e - 5-2.1.3. f - 5-2.1.3. g - 5-2.1.3.h - 5-2.1.3. i - 5-2.1.3. j - 5-2.1.3. k - 5-2.1.3. l - 5-2.1.3. o - 5-2.1.3. m.1 to 4 - 5-2.1.3. n.1 to 4 5-2.1.5. Inspections Records 5-2.1.6. Operational Aids 5-2.2. Testing 5-2.3.1. Preventive Maintenance 5-2.3.3.d Repairs 5-2.3.4. Lubrication 5-2.4. Rope inspection, replacement, and maintenance 5-2.4.2. Inspection 5-2.4.3. Rope Replacement 5.3. Operation 5-3.1.3.1. Responsibilities of Crane Owner and Crane User 5-3.1.3.1.1.c - 5-3.1.3.1.1.e 5-3.2.1.6. Wind Speed Devices 5-3.3.4. Standards Hand Signal 5-3.4.10. Fire Extinguishers	
21	Grúas de Brazo/Pluma Articulado	<b>ANSI/ASME B30.22- 2016 ARTICULATING BOOM CRANES</b>  22-1.1. Load Rating 22-1.1.3. Load Rating Chart 22-1.2. Boom Lift, Boom Telescoping, and Load Hoist Mechanism 22-1.2.1. Inner, Outer and Jib Boom Lift Mechanism 22-1.2.1. b 22-1.2.2. Telescoping Boom 22-1.2.2.c 22-1.2.3. Load Hoist Mechanism 22-1.2.3. b. 2 - 22-1.2.3. b. 4 - 22-1.2.3.c - 22-1.2.3.d (3) (4) 22-1.3. Swing Mechanism 22-1.3.1. Swing Control 22-1.3.2. Swing Braking Means and Locking Devices 22-1.4. Crane Transport 22-1.5. Ropes and Reeving Accessories 22-1.5.2. Ropes 22-1.5.2. a - 22-1.5.2.b - 22-1.5.2.e 22-1.5.3. Reeving Accessories 22-1.5.4. Sheaves 22-1.5.6. Load Hook, Ball Assemblies, and Load blocks 22-1.6. Controls	A

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		22-1.6.1. General (Control) 22-1.6.3. Wireless (Radio) Remote Controls 22-1.7. Installations 22-1.7.2. Exhaust Gases 22-1.8. Construction 22-1.8.2. Operational Aids 22-1.8.3.a. Hydraulic and Pneumatic Line Protection 22-1.8.5. Stabilizers 22-1.8.7. Miscellaneous Equipment 22-1.8.7.b - 22-1.8.7.c - 22-1.8.7.1 Cabs 22-1.9. Operating Manuals 22-2.1. Inspection 22-2.1.3. Frequent Inspections 22-2.1.4. Periodic Inspections 22-2.1.4.a - 22-2.1.4.b - 22-2.1.4.c - 22-2.1.4.d - 22-2.1.4.e - 22-2.1.4.f - 22-2.1.4.g - 22-2.1.4.h - 22-2.1.4.i - 22-2.1.4.j - 22-2.1.4.k - 22-2.1.4.l - 22-2.1.4.o - 22-2.1.4.q - 22-2.1.4.m 1 to 4 - 22-2.1.4.n.1 to 4 22-2.1.5. Operational Aids 22-2.2. Testing 22-2.3.1. Preventive Maintenance 22-2.3.3.d Repairs 22-2.4. Rope inspection, replacement and maintenance 22-3.1.3.1. Responsibilities of the Crane Owner and Crane User 22-3.1.3.1.1. c - 22-3.1.3.1.1. e 22-3.3.4. Standard Hand Signals	
21	Puentes Grúas y Monorrailes (Trolley o Viga Puente Colgante) y Polipasto Colgante y de Palanca	<b>ANSI/ASME B30.17 -2020 CRANES AND MONORAILS (WITH UNDERHUNG TROLLEY OR BRIDGE)</b>  17-1.1. Markings 17-1.2. Clearances 17-1.3. General Constructions 17-1.3.1. Crane Runways and Monorail Track 17-1.3.1.b - 17-1.3.1.d 17-1.3.2. Track Supports 17-1.3.2.a 17-1.3.3. Foundations and Anchorage 17-1.3.3.a - 17-1.3.3.d - 17-1.3.3.e 17-1.3.4. Cranes and Monorail System 17-1.3.6. Modifications 17-1.4. Track Switches, Track Openers, and Interlocks 17-1.5. Vertical and Drop or Lift Sections 17-1.6. Cabs - Normal or Skeleton	A

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		17-1.6.1. Cab Locations and Internal Arrangement 17-1.6.2. Cab Constructions 17-1.6.3. Access To Cab 17-1.6.4. Toolbox 17-1.6.5. Fire extinguisher 17-1.6.6. Lighting 17-1.6.7. Egress 17-1.8. Services Platforms 17-1.8.1. Constructions of Services Platforms (except 17-1.8.1.e) 17-1.9. Stops And Bumpers 17-1.9.1 Runway Stops 17-1.9.1.a - 17-1.9.1.b - 17-1.9.1.c 17-1.9.2. Trolley Stops 17-1.9.2.a - 17-1.9.2.b - 17-1.9.2.c 17-1.9.3. Bridge Bumpers 17-1.9.3.a - 17-1.9.3.c 17-1.9.4. Trolley Bumpers 17-1.9.4.a - 17-1.9.4.c 17-1.10. Rail Sweeps 17-1.10.a - 17-1.10.b 17-1.11. Guards 17-1.11.1. Guards for Moving Parts 17.1.11.1.a 17-1.11.2. Guards for Hoisting Ropes 17.1.11.2.a 17-1.14. Electrical Equipment 17-1.14.1. General 17-1.14.1.d - 17-1.14.1.e 17-1.14.2. Equipment 17-1.14.2.a - 17-1.14.2.b - 17-1.14.2.c 17-1.14.3. Controllers 17-1.14.3.a - 17-1.14.3.b - 17-1.14.3.c - 17-1.14.3.d - 17-1.14.3.h 17-1.14.4. Resistors (When Provided) 17-1.14.5. Switches 17.1.14.6. Conductors 17.1.14.7. Permanently Mounted Magnets 17-1.15. Hoisting Equipment 17-1.16. Warning Devices 17-1.19. Manual 17-2.1. Inspection 17-2.1.2. Initial Inspection 17-2.1.3. Functional Test Inspection 17-2.1.4. Frequent Inspection 17-2.1.5. Periodic Inspection – Crane or Monorail System 17-2.2. Testing 17-4.2.4.e Repairs	

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		<p>17-4.2.6. Chain and rope inspection, replacement, and maintenance.</p> <p><b>ANSI/ASME B30.16 – 2022 OVERHEAD UNDERHUNG AND STATIONARY HOISTS</b></p> <p>16-1.1. Marking            16-1.2. Construction            16-1.2.2. Electrical Design            16-1.2.2.b - 16-1.2.2.c - 16-1.2.2.d            16-1.2.3. Controls            16-1.2.3.a - 16-1.2.3.d - 16-1.2.3.f            16-1.2.4. Rope Shaves            16-1.2.4.c - 16-1.2.4.d            16-1.2.5. Rope Drum            16-1.2.5.b            16-1.2.6. Ropes            16-1.2.6.c            16-1.2.7. Load Sprockets            16-1.2.8. Load Chain            16-1.2.8.a            16-1.2.9. Hooks            16-1.2.10. Load Blocks            16-1.2.11. Brakes            16-1.2.11.a - 16-1.2.11.b.1.a - 16-1.2.11.b.1.c 16-1.2.11.c.1            16-1.2.12. Hand Chain            16-1.2.13. Over-travel Restraint            16-1.2.14. Over-travel Protection            16-1.2.15. Power Failure Protection            16-1.2.17. Manual            16-1.3. Installation            16-1.3.1. Procedure            16-1.3.1.b            16-2.1. Inspection            16-2.1.4. Frequent Inspection            16-2.1.5. Periodic Inspection            16-2.2. Testing            16-4.4. Rope Replacement and Maintenance            16-4.5. Welded Link Chain Replacement and Maintenance            16-4.6. Roller Chain Replacement and Maintenance</p>	

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		<p><b>ASME B30.21 – 2014 (R2019) LEVER HOISTS</b></p> <p>21-1.1. Marking            21-1.2. Construction            21-1.2.2 Load Sprockets and Drums            21-1.2.2.a - 21-1.2.2.b - 21-1.2.2.c            21-1.2.3. Load Chain            21-1.2.3.a            21-1.2.4. Rope            21-1.2.4.c - 21-1.2.4.d - 21-1.2.4.e - 21-1.2.4.f            21-1.2.5. Web Strap            21-1.2.5.c - 21-1.2.5.d - 21-1.2.5.e            21-1.2.6. Hooks            21-1.2.7. Load Blocks            21-1.2.8. Load Controlling Mechanism            21-1.2.8.a            21-1.2.9. Over-travel Restraint            21-1.2.12. Manual            21-2.1. Inspections            21-2.1.4. Frequent Inspection            21-2.1.5. Periodic Inspection            21-2-2. Lifting Load Chain, Rope, or Web Strap Inspection            21-2.3. Testing            21-4.3. Welded Link Chain Replacement and Maintenance            21-4.4. Roller and Rollers Chain Replacement and Maintenance            21-4.5. Wire Rope Replacement and Maintenance.            21-4.6. Web Strap Replacement and Maintenance</p>	
21	Torre Grúas y Torre Grúas Auto Montantes	<p><b>ANSI/ASME B30.3 – 2019 TOWER CRANES</b></p> <p>3.1. Erection, Climbing and Dismantling, Characteristics, and Constructions            3-1.4. General Erection and Dismantling Requirements            3-1.4.a - 3-1.4.h - 3-1.4.j - 3-1.4.n - 3-1.4.o            3-1.5. Freestanding Cranes            3-1.5.a - 3-1.5.b            3-1.6. Climbing Cranes            3-1.6.a            3-1.7. Pre Operational Test            3-1.8. Altered or Modified Cranes            3-1.9. Documentations            3-1.9.1. Informational Literature            3-1.9.2. Load Rating Chart            3-1.10. Load Hoist and Luffing Boom Hoist Mechanisms            3-1.10.1. General Requirements            3-1.10.1.a - 3-1.10.1.c - 3-1.10.1.d</p>	A

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		3-110.2 Hoist Drums 3-110.2.a - 3-110.2.b - 3-110.2.d - 3-110.2.e 3-110.2.f - 3-110.2.g - 3-110.2.h 3-110.3. Brakes 3-110.3.f 3-110.4. Sheaves 3-110.4.a 3-110.4.b - 3-110.4.c - 3-110.4.e 3-110.5. Running Ropes 3-110.5.a - 3-110.5.g - 3-110.5.h 3-111. Hooks 3-112. Slewing (Swing) Mechanisms 3-113. Travel Equipment 3-114. Climbing Equipment 3-114.a - 3-114.b - 3-114.c - 3-114.d 3-115. Trolley (Load) 3-116. Brakes 3-116.a - 3-116.c 3-117. Operational Aids 3-119. Reeving Accessories 3-120. Counterweight and Ballast Blocks 3-121. Controls 3-122. Electrical Equipment 3-122.1. General Requirements 3-122.1.a - 3-122.1.b - 3-122.1.c 3-122.2. Resistors 3-122.2.a 3-123. Operators Cab 3-123.1. Constructions 3-123.1.a - 3-123.1.b - 3-123.1.d - 3-123.1.e - 3-123.1.g 3-123.2. Access 3-123.4. Fire Extinguisher 3-123.5. Signal Devices 3-124. General Requirements 3-124.1. Footwalks and Ladders 3-124.1.a 3-124.2. Guards for Moving Parts 3-124.2.a 3-124.4. Exhaust Gases 3-124.5. Welded Constructions 3-124.6. Clutch Protection and Adjustment 3-124.7. Wind Velocity Devices 3-124.8. Fuel Filler Pipes 3-124.9. Hydraulic and Pneumatic Pressures 3-124.9.a 3-2. Inspection, Testing and Maintenance 3-2.1. Inspection	



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		<p>3-2.1.3. Frequent Inspection            3-2.1.4. Periodic Inspection            3-2.1.5. Major Inspection            3-2.2. Testing            3-2.4. Rope Inspection, Replacement, and Maintenance            3-3. Operation            3-3.1.4.1.1. Owner's Responsibilities            3-3.1.4.1.1.d - 3-3.1.4.1.1.e            3-3.3.4. Standard Hand Signal            3-3.4.3. Operating Near Electric Power Lines            3-3.4.3.f            3-3.4.6. Fire Extinguishers</p> <p><b>ANSI/ASME B30.29 – 2018 SELF ERECTING TOWER CRANES</b></p> <p>29-1. General Construction and Installation            29.1.1.2. Erection, Reconfiguring, and Dismantling            29.1.1.2.b - 29.1.1.2.l - 29.1.1.2.p - 29.1.1.2.q            29-1.1.3. Operational Tests            29-1.2.3. Rated Load Chart            29-1.3.3. Outrigger            29-1.3.4. Altered or Modified Cranes            29-1.4. Documentations            29-1.4.1. Informational Literature            29-1.5. Hoisting and Erecting Mechanism            29-1.5.1. General Requirements            29-1.5.1.a - 29-1.5.1.c            29-1.5.2. Hoist Drums            29-1.5.2.a - 29-1.5.2.b - 29-1.5.2.d - 29-1.5.2.e            29-1.5.3. Hoists Brakes            29-1.5.3.c            29-1.5.4. Hoist Sheaves            29-1.5.4.a - 29-1.5.4.b - 29-1.5.4.c - 29-1.5.4.e            29-1.5.5. Hoist Ropes            29-1.5.5.a - 29-1.5.5.f            29-1.6. Slewing (Swing) Mechanism            29-1.7. Travel Equipment            29-1.8. Mast Erection Equipment            29-1.8.a - 29-1.8.b            29-1.9. Jib Erection Equipment            29-1.9.a            29-1.10. Trolleys            29-1-11. Brakes            29-1.11.a - 29-1.11.c</p>	

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		29-1.12. Operational Aids 29-1.14. Reeving Accessories 29-1.15. Counterweight and Ballast 29-1.16. Crane Functions Controls 29-1.17. Electrical Equipment: General Requirements 29-1.17.a 29-1.17.b 29-1.17.c 29-1.18. Operator's Cab 29-1.18.1. Constructions (except 7) 29-1.18.3. Fire Extinguisher 29-1.18.4. Signal Devices 29-1.19. General Requirements 29-1.19.1. Access 29-1.19.2. Footwalks and Ladders 29-1.19.2.a 29-1.19.3. Guards for Moving Parts 29-1.19.3.a 29-1.19.5. Exhaust Gases 29-1.19.6. Welded Constructions 29-1.19.7. Wind Velocity Devices 29-1.19.8. Hydraulic System 29-1.19.8.a 29-2. Inspection, Testing, and Maintenance 29-2.1. Inspection 29-2.1.3. Frequent Inspection 29-2.1.4. Periodic Inspection 29-2.1.5. Operational Aids 29-2.2. Testing 29-2.4. Rope Inspection, Replacement, and Maintenance 29-3. Operation 29-3.1.3.1.1. Crane Owner's Responsibilities 29-3.1.3.1.1.d - 29-3.1.3.1.1.e 29-3.2.4. Standard Hand Signal 29-3.3.6. Fire Extinguishers	
21	Montacargas y Cargadores	<b>ANSI/ITSDF B56.1.2020 SAFETY STANDARD FOR LOW LIFT AND HIGH LIFT TRUCKS</b>  4. General Safety Practices 4.2. Modifications, Nameplates, Markings, and Capacity 4.5. Safety Guards 4.15. Warning Device 5. Operating Safety Rules and Practices 5.5. Operator Care of the Truck 5.5.1	A

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		<p>6. Maintenance and Rebuild Practices  6.1 Operations  6.1.1  6.2. Maintenance and Inspection  6.2.7 - 6.2.8.1 - 6.2.10 - 6.2.11 - 6.2.12  6.2.13 - 6.2.15 - 6.2.16 - 6.2.17  7. Design and Construction Standards  7.2. Operating Instructions  7.2.1  7.5. Nameplates and Markings  7.17. Travel Direction Control(s) Marking  7.24. Load-Handling Controls  7.24.1 - 7.24.2 - 7.24.10  7.27. Forks  7.27.1 - 7.27.2  7.28. Load Backrest Extension  7.31. Guards for Wheels  7.32. Protection from Moving Parts  7.33. Over Travel Limits  7.34. Warning Device  7.35. Operator Position Surfaces  7.35.3  7.37. Platforms: Elevating  7.37.1 - 7.37.3 (c) (i)  7.39. Fork Extensions  7.39.1 - 7.39.4</p> <p><b>ANSI/ITSDF B56.6 - 2021 SAFETY STANDARD FOR ROUGH TERRAIN FORKLIFT TRUCKS</b></p> <p>5. General Safety Practices  5.3. Modifications, Nameplates, Markings, and Capacity  5.4. Manuals  5.4.4  5.6. Safety Guards  5.15. Warning Device  6. Operating Safety Rules and Practices  6.5. Operator Care of the Rough Terrain Forklifts Truck  6.5.1  7. Maintenance and Rebuild Practices  7.2. Specifications  7.2.6 - 7.2.8 - 7.2.9 - 7.2.10  7.2.11 - 7.2.12 - 7.2.13  7.3 Inspection and Repair of forks  7.3 (a) (b)  8. Design and Construction Standards  8.5. Nameplates and Markings</p>	

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		<p>8.10. Load Handling Controls              8.10.1 - 8.10.2              8.11. Travel Controls              8.11.1 - 8.11.4 - 8.11.5              8.12. Steering Controls              8.12.1              8.13. Tilt Mechanism              8.14. Forks              8.14.1 - 8.14.2              8.15. Protective Structures              8.16. Overhead Guards              8.16.1              8.17. Load Backrest Extension              8.18. Guards for Wheels              8.19. Guards for Moving Parts              8.20. Overtravel Limits              8.21. Warning Devices              8.22. Pedal and Platform Surfaces              8.23. Emergency Lowering of Load              8.24. Personnel Work Platforms for Elevating Personnel              8.24.3 (b) (i) (j) (m) (n) (q) (r) - 8.24.4 (a) (c) (i) (k) - 8.24.5              8.25. Seat Belts</p> <p><b>OSHA 1926.602 - MATERIAL HANDLING EQUIPMENT</b></p> <p>OSHA 1926.602 (a) (1)              OSHA 1926.602(a) (2) Seat belts.              OSHA 1926.602(a) (4) Brakes              OSHA 1926.602(a) (5) Fenders              OSHA 1926.602(a) (6) Rollover protective structures (ROPS)              OSHA 1926.602(a) (9) Audible alarms.              OSHA 1926.602(a) (10) Scissor points              OSHA 1926.602 (b) (1)              OSHA 1926.602 (c) (1)              OSHA 1926.602 (c) (1) (ii)              OSHA 1926.602 (c) (1) (v)              OSHA 1926.602 (c) (1) (vi)</p>	

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Código ámbito de inspección	Actividad de inspección	Documento normativo	Tipo de organismo de inspección
21	Plataformas Móviles de Trabajo Elevado - Plataforma de Elevación y Rotación de Trabajo Aéreo Montado sobre Vehículo	<p><b>ANSI/SAIA A92.2-2021 VEHICLE-MOUNTED ELEVATING AND ROTATING AERIAL DEVICES</b></p> <p>4. Design Requirements            4.3. Controls            4.4. Securing Device            4.5. Stability            4.5.4. Slope Indicator            4.5.5. Stabilizer Interlocking Device            4.5.7. Manually Operated Stabilizers            4.5.8. Parking Brake Interlock            4.9. Platforms            4.9.4.1 - 4.9.4.2 - 4.9.4.5            4.9.5.1, 4.9.5.2 y 4.9.5.3            4.10. Covers            4.10.1            6. Responsibilities of Manufacturers            6.4. Manuals            6.5. Markings            6.6. Mechanical Test and Inspection            6.7. Electrical Test            7. Responsibilities of Dealers, Installers and Services Entities            7.4.1 Manuals            7.5. Installations            7.5.1            8. Responsibilities of Owners            8.2. Inspection and Testing Classifications            8.2.3 - 8.2.4            8.3. Inspection and Test Records            8.3.2            8.4. Maintenance            8.4.2            8.5. Modifications            8.8. Markings            8.11. Manuals</p>	A

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Código ámbito de inspección	Actividad de inspección	Documento normativo	Tipo de organismo de inspección
21	<p>Plataformas Móviles de Trabajo Elevado</p> <ul style="list-style-type: none"> <li>- Plataforma Móvil Trabajo de Elevado Soportada en Brazo (Tipo 1 Grupo B y Tipo 3 Grupo B)</li> <li>- Plataforma Móvil Trabajo de Elevado Auto propulsada (Tipo 3 Grupo A y Tipo 2 Grupo A)</li> <li>- Plataforma Móvil Trabajo de Elevado No Auto propulsada (Tipo 1 Grupo A)</li> </ul>	<p><b>ANSI/SAIA A92.22 – 2021 SAFE USE OF MOBILE ELEVATING WORK PLATFORMS (MEWPs).</b></p> <p>4. General Requirements            4.3 Manuals            4.3.1            4.5 Modifications            5 Maintenance, Inspection and Repair            5.1.1            5.3 Frequent Inspection            5.4 Annual Inspection            5.8 Replacement Parts</p> <p><b>ANSI/SAIA A92.20 – 2021 DESIGN, CALCULATIONS, SAFETY REQUIREMENTS AND TEST METHODS FOR MOBILE ELEVATING WORK PLATFORMS (MEWPs)</b></p> <p>4.3 Chassis and Stabilizing Devices            4.3.1 Automatic Safety Devices            4.3.2 Chassis Inclinations            4.3.3 Looking Pins            4.3.4 Control Bars            4.3.5 Control Bars Held in Vertical Position            4.3.6 Stabilizing Devices Feet            4.3.7 Permitted work Platform Position            4.3.8 Preventions of Powered Stabilizing Device Movement            4.3.9 Manually Operated Stabilizing Devices            4.3.10 Movements Stabilizing Devices            4.3.11 Hourmeter            4.3.12 Control Positions            4.3.16 Unauthorized Use            4.3.20 Engine Exhaust            4.4 Extending Structure            4.4.1 Methods to Avoid Overturning and exceeding Permissible Stresses            4.4.3 Trapping and Shearing            4.4.4 Supporting Extending Structure            4.6 Work Platform            4.6.4 Anchorages            4.6.5 Openings in Guardrail for Entrance and Exit            4.6.6 Floor of Work Platform            4.6.7 Chain or Ropes            4.6.11 Audible Warning Device            4.7 Controls            4.7.1 Activation and Operations            4.7.3 Location, Accessibility, Protection and Selection among Duplicate Controls            4.7.4 Emergency Stops            4.7.7 Restoration of Power after Failure</p>	A

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Código ámbito de inspección	Actividad de inspección	Documento normativo	Tipo de organismo de inspección
		4.7.8 Overriding Emergency System 4.7.11 Winch control on MEWPs 4.8 electrical Equipment 4.8.2 Main Power Disconnect / Security 4.9 Hydraulic Systems 4.9.1 Pressure Limiting Device 4.9.8 Fluid Level Indicator 4.10 Hydraulic Cylinders 4.10.2 Prevention of unintended Movement of Load Holding Cylinders 4.11 Safety Devices 5.1 Examination and Test 5.1.4 Test 5.1.4.4 Functional Test 6.2 Operator's Manual 6.4. Markings	
21	Eslingas de Izaje Eslingas de Cable Eslingas de Cadena Eslingas Sintéticas Eslingas Redondas Eslingas de Fibra	<b>ASME B30.9 – 2021 SLINGS</b>  9-1. Alloy Steel Chain Slings 9-1.7. Sling Identification 9-1.9. Inspection, Removal, and Repair 9-2. Wire Rope Slings 9-2.7. Sling Identification 9-2.9. Inspection, Removal, and Repair 9-4. Synthetic Rope Slings 9-4.7. Sling Identification 9-4.9. Inspection, Removal, and Repair 9-5. Synthetic Webbing Slings 9-5.7. Sling Identification 9-5.9. Inspection, Removal, and Repair 9-6 Polyester Round Slings 9-6.7 Sling Identification 9-6.9 Inspection, Removal, and Repair 9-7 High Performance Round Slings 9-7.7 Sling Identification 9-9.9 Inspection, Removal, and Repair	A

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Código ámbito de inspección	Actividad de inspección	Documento normativo	Tipo de organismo de inspección
21	Accesorios de Izaje Ganchos	<p><b>ASME B30.10 – 2019 HOOKS</b></p> <p>10-1. Hooks: Selections, Use and Maintenance            10-1.8. Identifications            10-1.10. Inspection, Removal and Repair            10-2. Hooks-Miscellaneous: Selections, Use and Maintenance            10-2.8. Identifications            10-2.10. Inspection, Removal and Repair</p>	A
21	Dispositivos Bajo el Gancho Dispositivos Estructurales y Mecánicos Garras de Manejo de Materiales Mordazas / Clamps	<p><b>ASME B30.20 – 2021 BELOW-THE-HOOK LIFTING DEVICES</b></p> <p>20-1. Structural and Mechanical Lifting Devices            20-1.2.1. Marking            20-1.3. Inspection, Testing, and Maintenance            20-1.3.2. Every Lift Inspections            20-1.3.3. Frequent Inspection            20-1.3.4. Periodic Inspection            20-1.3.7 Removal Criteria            20-1.3.9. Testing            20-5. Scrap and Material Handling Grapples            20-5.2.1. Markings            20-5.3. Inspection, Testing, and Maintenance            20-5.3.2. Frequent Inspection            20-5.3.3. Periodic Inspection            20-5.3.7 Removal Criteria            20-5.3.8. Testing            20-6 Clamps            20-6.2.1 Markings            20-6.3 Inspection, Testing, and Maintenance            20-6.3.2 Every Lift Inspections            20-6.3.3 Frequent Inspection            20-6.3.4 Periodic Inspection            20-6.3.7 Removal Criteria            20-6.3.9 Testing</p>	A



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Código ámbito de inspección	Actividad de inspección	Documento normativo	Tipo de organismo de inspección
21	<p>Accesorios de Izaje Grilletes Accesorios Ajustables Accesorios de Compresión Eslabones Maestros Bloques de Aparejamiento</p>	<p><b>ASME B30.26 – 2015 (R2020) RIGGING HARDWARE</b></p> <p>26-1. Shackles – Selections, Use and Maintenance 26-1.5. Identifications 26-1.8. Inspection, Repair, and Removal 26-2. Adjustable Hardware – Selections, Use and Maintenance 26-2.5. Identifications 26-2.8. Inspection, Repair, and Removal 26-3. Compression Hardware – Selections, Use and Maintenance 26-3.5. Identifications 26-3.8. Inspection, Repair, and Remove 26-4. Links, Rings and Swivel – Selections, Use and Maintenance 26-4.5. Identifications 26-4.8. Inspection, Repair, and Removal 26-5. Rigging Blocks – Selections, Use and Maintenance 26-5.5. Identifications 26-5.8. Inspection, Repair, and Removal</p>	A

Sitios cubiertos por la acreditación

Sede principal: Carrera 22 # 150 – 55, Bogotá D.C., Colombia