

# CERTIFICATE OF CONFORMITY



1. **HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT PER US REQUIREMENTS**

2. **Certificate No:** FM20US0113
3. **Equipment:** Model 2647EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck  
(Type Reference and Name) Model 2032EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck  
Model 1932EX Type EX Electric-Battery-Powered Scissor Lift Industrial Truck

4. **Name of Listing Company:** Bailey Specialty Cranes & Aerials LLC

5. **Address of Listing Company:** S81 W18561 Gemini Dr  
Muskego WI 53150  
United States

6. The examination and test results are recorded in confidential report number:

PR455652 dated 28<sup>th</sup> October 2020

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval standards and other documents:

FM Class 3600:2018, FM Class 3610:2010, FM Class 3615:2018,  
ANSI/UL 583:2018, ANSI/NFPA 505:2018

8. If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to specific conditions of use specified in the schedule to this certificate.

9. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

10. Equipment Ratings:

Type EX for Class I, Division 1, Group D, T4 hazardous (classified) locations for Ta= -20°C to +40°C.

**Certificate issued by:**

J.E. Marquedant  
VP, Manager - Electrical Systems

4 January 2021

Date

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

**THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE**

# SCHEDULE



US Certificate Of Conformity No: FM20US0113

11. The marking of the equipment shall include:

Type EX Class I, Division 1, Groups D, T4 Ta = -20°C to +40°C

12. **Description of Equipment:**

The Model 2647EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 7940 lbs including the maximum platform capacity of 1000-lbs. The platform can extend to a maximum height of 26 feet. The rated truck speed is 1.5 MPH and the maximum grade use is 30%.

The Model 2032EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 7324 lbs including the maximum platform capacity of 900-lbs. The platform can extend to a maximum height of 20 feet. The rated truck speed is 1.5 MPH and the maximum grade use is 30%.

The Model 1932EX is a Type EX Electric-Battery-Powered Scissor Lift Industrial Truck is a 24Vdc battery powered self-propelled industrial truck with a maximum weight of 5200 lbs including the maximum platform capacity of 500-lbs. The platform can extend to a maximum height of 19 feet. The rated truck speed is 1.5 MPH and the maximum grade use is 30%

**Ratings** - The ambient operating temperature range for the Model 2647EX, Model 2032EX and Model 1932EX, Type EX Electric-Battery-Powered Scissor Lift Industrial Trucks is -20°C to 40°C.

## Truck Models

Model 2647EX Type EX Electric-Battery-Powered Scissor Lift Truck rated at 1000 lbs. (454 kg) capacity with a maximum lift height of 26 ft (7.92 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

Model 2032EX Type EX Electric-Battery-Powered Scissor Lift Truck rated at 900 lbs. (408 kg) capacity with a maximum lift height of 20 ft (6.10 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

Model 1932EX Type EX, Electric-Battery-Powered Scissor Lift Truck, rated at 500 lbs. (227 kg) capacity with a maximum lift height of 19 ft (5.79 m). Suitable for use in Class I, Division 1, Group D, T4 Hazardous (Classified) Locations.

13. **Specific Conditions of Use:**

None

14. **Test and Assessment Procedure and Conditions:**

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

15. **Schedule Drawings**

A copy of the technical documentation has been kept by FM Approvals.

**THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE**

# SCHEDULE



US Certificate Of Conformity No: FM20US0113

## 16. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
28 <sup>th</sup> October 2020	Original Issue.
4 <sup>th</sup> January 2021	<u>Supplement 1:</u> Report Reference: RR226069 dated 4 <sup>th</sup> January 2021. Description of the Change: Revised certificate product descriptions with addition of Model 2032EX. Addition of 2032EX documentation to project CDL.

**THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE**

FM Approvals LLC. 1151 Boston-Providence Turnpike, Norwood, MA 02062 USA  
T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: [information@fmapprovals.com](mailto:information@fmapprovals.com) [www.fmapprovals.com](http://www.fmapprovals.com)