

# IEEE Standard for Fall Protection for Electric Utility Transmission and Distribution on Poles and Structures

IEEE Power and Energy Society

Sponsored by the  
Transmission and Distribution Committee

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USA

**IEEE Std 1307™-2018**  
(Revision of IEEE Std 1307-2004)

# **IEEE Standard for Fall Protection for Electric Utility Transmission and Distribution on Poles and Structures**

Sponsor

**Transmission and Distribution Committee  
of the  
IEEE Power and Energy Society**

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**Abstract:** General recommendations for fall protection and rescue are provided. Sufficient details of the methods, equipment, and training requirements necessary to provide minimal risk procedures for personnel working at elevated worksites are presented.

**Keywords:** carabiner, climber certification engineered system, fall arrester, fall arrest system, fall prevention system, fall protection program, fall protection system (hardware), IEEE 1307™, total fall distance, work positioning system

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## Introduction

This introduction is not part of IEEE Std 1307-2018™, IEEE Standard for Fall Protection for Electric Utility Transmission and Distribution on Poles and Structures.

This standard provides requirements for a fall protection program for transmission and distribution structures and equipment. The requirements covered under this standard are based on sound engineering principles, engineering safety considerations, and research into the tools, methods, practices, and training provided to and by electric power workers. It does not include work in vaults, manholes, or other confined spaces. Requirements regarding stairways and scaffolding of all types are not considered in this standard.

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## 1. Overview

### 1.1 Scope

This standard provides requirements for a fall protection program for transmission and distribution structures and equipment. The requirements covered under this standard are based on sound engineering principles, engineering safety considerations, and research into the tools, methods, practices, and training provided to and by electric power workers. It does not include work in vaults, manholes, or other confined spaces. Requirements regarding stairways and scaffolding of all types are not considered in this standard.

### 1.2 Purpose

The purpose of this standard is to provide guidance, work methods, and equipment specifications to protect employees covered under the standard from being injured by falls, and provide emphasis to encourage further development in equipment, work methods, and training related to fall protection programs used for electric utility transmission and distribution work.

This document is intended to enhance other national, state, and local regulations, and to add specific requirements applicable to the utility industry. These specific requirements are not intended to replace their respective regulations.

## 2. Normative references

The following referenced documents are indispensable for the application of this document (i.e., they must be understood and used, so each referenced document is cited in text and its relationship to this document is explained). For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments or corrigenda) applies.

29 CFR 1910.132 (Personal Protective Equipment).<sup>1</sup>

29 CFR 1926.503 (Training Requirements for Fall Protection).

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<sup>1</sup>CFR publications are available from the US Government Printing Office, 732 N. Capitol Street, NW, Washington, DC 20401, USA (<http://www.gpo.gov/>).