

# Connecting the construction site s flexible cord to the distribution box



## Overview

Splicing flexible cords is generally prohibited. Note: The National Electrical Code, ANSI/NFPA 70, in Article 400, Table 400-4, lists various types of flexible cords, some of which are noted as being designed for hard or extra-hard usage. Examples of these types of flexible cords include hard service cord (types S, ST, SO, STO) and junior hard service. Whether you need an industrial portable power station, a complete jobsite power station, or help managing temporary wiring and distribution, this will help you stay compliant with all the necessary requirements. Temporary power systems tend to be exposed to harsh environments and frequent use. 405 (a)2 (ii) (H) specifies that it's okay to run extension cords through doorways and “pinch points,” but only if they're protected from damage — which the standard says they must be in all cases, anyway.



## Article Content

Feb 02, 2026

The Apprentice's Guide to Article 590

Terminations at devices utilizing flexible cords and cables entering enclosures containing devices requiring termination shall be secured to the box with fittings “listed” for connecting flexible cords and ...

Mar 15, 2026

Temporary Power Construction Site Guide: Industrial Plug Sockets, ...

Discover how to supply temporary power safely on construction sites using E-abel distribution boxes, industrial plug sockets, and IP67 connectors for reliable outdoor electricity.

Sep 27, 2025

OSHA Temporary Wiring Requirements for Construction

Learn what OSHA requires for temporary wiring on construction sites, from grounding and GFCI protection to overhead clearances and employer liability.

Dec 27, 2025

29 CFR § 1926.405

Flexible cords shall be connected to devices and fittings so that strain relief is provided which will prevent pull from being directly transmitted to joints or terminal screws.

Dec 30, 2025

Temporary Jobsite Power Setup: NEC & OSHA Compliance Guide

Your team will need to learn proper connection and disconnection procedures, as well as safe use of extension cords and portable equipment. Team members should be able to recognize ...

Feb 10, 2026

Temporary Installations, based on the 2020 NEC

Flexible cords, other than extension cords, are not permitted to lie on the floor or the ground when used as branch circuits or feeders. The support requirement for temporary cables is determined by the ...

Apr 18, 2026

29 CFR 1926.405 -

Flexible cords shall be connected to devices and fittings so that strain relief is provided which will prevent pull from being directly transmitted to joints or terminal screws.

Mar 19, 2026

#### Temporary Wiring: OSHA Rules for the Construction Industry

Get answers to common questions about temporary wiring in construction, based on rules from the Occupational Safety and Health Administration (OSHA).

Dec 03, 2025

#### Temporary Electrical Supply HSE Procedure For Construction Site

Below procedure will help you to establish a safe standard for the installation of temporary and permanent electrical fixtures/appliances on project sites.

Dec 17, 2025

1926.405

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## Contact Us

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