1 / 12 · Definitions, General Requirements, and Plans

Where are NEC definitions?

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2 / 12 · Definitions, General Requirements, and Plans

What does Article 90 cover?

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3 / 12 · Definitions, General Requirements, and Plans

Does an informational note create a requirement?

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4 / 12 · Definitions, General Requirements, and Plans

"Shall" versus "shall be permitted"?

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5 / 12 · Definitions, General Requirements, and Plans

Continuous load: what time threshold?

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6 / 12 · Definitions, General Requirements, and Plans

Grounded conductor versus neutral conductor?

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2 / 12 · Definitions, General Requirements, and Plans

The Code's purpose and scope, how it is enforced, and how to read mandatory rules, permissive rules and informational notes.

NEC 2023 Article 90

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1 / 12 · Definitions, General Requirements, and Plans

Article 100, in alphabetical order. The 2023 edition gathers nearly all defined terms there.

NEC 2023 Article 100

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4 / 12 · Definitions, General Requirements, and Plans

"Shall" is mandatory. "Shall be permitted" allows something but does not require it.

NEC 2023 Article 90

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3 / 12 · Definitions, General Requirements, and Plans

No. It explains or recommends. Only the rule text itself is enforceable.

NEC 2023 Article 90

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6 / 12 · Definitions, General Requirements, and Plans

A grounded conductor is any conductor intentionally connected to earth. A neutral comes from the neutral point of a system. A corner-grounded delta phase is grounded but is not a neutral.

NEC 2023 Article 100

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5 / 12 · Definitions, General Requirements, and Plans

Maximum current expected to continue for 3 hours or more.

NEC 2023 Article 100 (continuous load)

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7 / 12 · Definitions, General Requirements, and Plans

Terminal temperature rule for circuits of 100 A or less?

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8 / 12 · Definitions, General Requirements, and Plans

Interrupting rating rule?

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9 / 12 · Definitions, General Requirements, and Plans

What sets working space depth?

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10 / 12 · Definitions, General Requirements, and Plans

Working space width and height?

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11 / 12 · Definitions, General Requirements, and Plans

Plan scale 1/8 in. = 1 ft: how many feet per inch?

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12 / 12 · Definitions, General Requirements, and Plans

First three things to read on an electrical sheet?

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8 / 12 · Definitions, General Requirements, and Plans

Equipment that interrupts fault current must be rated for at least the fault current available at its line terminals.

NEC 2023 Article 110 (interrupting rating)

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7 / 12 · Definitions, General Requirements, and Plans

Use the 60°C ampacity unless the equipment terminals are marked for 75°C. Above 100 A, use 75°C unless marked otherwise.

NEC 2023 Article 110 (terminal temperature limits)

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10 / 12 · Definitions, General Requirements, and Plans

Width at least 30 in. or the width of the equipment, whichever is more. Height at least 6½ ft.

NEC 2023 Article 110, Part II

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9 / 12 · Definitions, General Requirements, and Plans

The nominal voltage to ground and the Condition (1, 2 or 3), which depends on what is across the space.

NEC 2023 Article 110, Part II

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12 / 12 · Definitions, General Requirements, and Plans

The legend or symbol list, the scale, and the general notes. Then the schedules.

Plan reading (no NEC section)

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11 / 12 · Definitions, General Requirements, and Plans

8 ft. Divide the measured inches by 0.125, or multiply by 8.

Plan reading (no NEC section)

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