

Ground Rod Spacing Calculator

Compare entered grounding-electrode spacing with rod length and an entered target without making a grounding design decision.

Generated October 10, 2026

<https://www.elecatrix.com/testing-protection-grounding/ground-rod-spacing-calculator/>

Inputs

Input	Value	Unit
Entered spacing	8	ft
Entered rod length	8	ft
Entered target spacing	6	ft
Source reference	grounding-record-a	

Results

Result	Value	Unit
Spacing to rod length ratio	1	ratio
Entered spacing margin	2	ft
Entered spacing	8	ft
Entered rod length	8	ft
Record comparison	Source reference recorded	

Calculation details

Detail	Value	Unit
Calculation basis	The calculation divides entered spacing by entered rod length and compares spacing with an entered target.	
Boundary	Preliminary entered-value comparison only; no electrode design, soil condition, bonding, testing, or final grounding result is made.	

Formulas

spacing to rod length ratio = entered spacing / entered rod length

entered spacing margin = entered spacing - entered target spacing

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Warnings and limitations

Mode arithmetic only; verify electrode type, soil, bonding, testing, adopted rules, and qualified review separately.