

NFPA 70®-Proposed 2020 Edition
National Electrical Code®
TIA Log No.: 1462
Reference: Table 430.252

1. Delete Table 430.252 in its entirety:

~~Table 430.252 Minimum Size Equipment Grounding Conductors for Grounding Motor Circuits and Equipment~~

Rating or Setting of Branch Circuit Short-Circuit and Ground-Fault Protective Device in Circuit Ahead of Equipment, Conduit, etc., Not Exceeding (Amperes)	Size (AWG or kcmil)	
	Copper	Aluminum or Copper-Clad Aluminum*
15	14	12
20	12	10
60	10	8
100	8	6
200	6	4
300	4	2
400	3	1
500	2	1/0
600	1	2/0
800	1/0	3/0
1000	2/0	4/0
1200	3/0	250
1600	4/0	350
2000	250	400
2500	350	600
3000	400	600
4000	500	750
5000	700	1200
6000	800	1200

~~Note: Where necessary to comply with 250.4(A)(5) or (B)(4), the equipment grounding conductor shall be sized larger than given in this table.~~
~~*See installation restrictions in 250.120.~~

Substantiation: During the 2020 NEC First Draft Meeting CMP-5 created a First Revision that revised how equipment grounding conductors were sized. This revision impacted Table 250.122. As a result CMP-11 viewed this change as negatively impacting the proper sizing of conductors for motor circuits and created a new 430.246 section during the Second Draft Meeting. This action fundamentally adopted the original equipment grounding conductor sizing method and in essence relocated the original Table 250.122 to Article 430. During the Second Revision meeting CMP-5 reconsidered the change and rejected the new equipment grounding conductor sizing method returning to the original method. During the Correlating Committee Second Meeting, the Correlating Committee created a Correlating Committee Second Revision to correlate sections 250.122 and 430.246. As a result, Section 430.246 was deleted but the corresponding Table 430.252 was inadvertently not removed. This TIA seeks to correct this error by deleting Table 430.252 which has no language referencing the table and will only create confusion for the user if it remains in the 2020 NEC

Emergency Nature: The standard contains an error or an omission that was overlooked during the regular revision process. This TIA seeks to correct an error by deleting Table 430.252 which has no language referencing the table and will only create confusion for the user if it remains in the 2020 NEC. The Correlating Committee inadvertently overlooked the removal of Table 430.252 when it acted to correlate the actions taken between CMP-5 and CMP-11 during the regular revision process of the Second Revision.