

Summary of Technical Changes

Section	Synopsis	References
646.3(F)	Revised references from Article 805 to Article 800.	FR-9251, SR-7691
646.3(G)	Revised references from Article 820 to Article 800.	FR-9252, SR-7693
646.3(H)	Deleted redundant section on storage batteries and replaced with section on surge-protective devices (SPDs).	SR-7694
646.5	Relocated selections of text from Information Notes and revised into enforceable text.	SR-7794
646.19	Revised to require doors open to the full extent of the designed opening.	FR-9255, SR-7699
660.4(A) and (B)	Revised text to add “power-supply cord” to correlate with other similar code sections.	SR-7592, SR-7593
660.7	Revised text to add “power-supply cord” to correlate with other similar code sections.	SR-7594
660.9	Revised references from Article 725 to new Article 724.	SR-7595
660.48	Revised to clarify grounding requirements for battery operated X-ray equipment.	FR-9514
670.1	Revised scope statement to remove the reference to definitions.	SCR-12
670.3(A)	Revised text to align with NFPA 79.	FR-9521
670.4(B)	Added Informational Note to consider application of NFPA 70E before performing maintenance on a machine.	FR-9522, SR-7654
670.5	Revised text into subsections on installation and available short-circuit current field marking for usability.	FR-9525
670.6	Revised title from “Surge” to “Overvoltage” and added “overvoltage” to first sentence of text to clarify protection requirements.	FR-9578, SR-7644
680.5	Revised title and text to place GFCI and special purpose ground-fault circuit interrupter (SPGFCI) protection requirements into one section.	FR-8418, SR-8377
680.5(B)	Revised to add an exception for receptacles and outlets below the low voltage contact limit not requiring GFCI protection.	SR-8381, SR-8714
680.6	Relocated former 680.3 and revised to address listing requirements for correlation with other changes.	FR-8445
680.7	Relocated 680.6 and revised into list format for clarity and usability.	FR-8463
680.9	Relocated Informational Note to 680.9(A) and revised into enforceable language for consistency and usability.	FR-8763
680.9(A)	Revised to replace “an enclosed raceway” with “a raceway” for clarity.	SCR-64
680.9(B)	Revised to reference Chapter 8.	FR-8426, SR-8386
680.10	Revised title and added heat pumps and chillers to address new technology.	FR-8433
680.11(A)	Revised to clarify wiring methods are acceptable when installed complete between outlets, junctions, or splicing points.	FR-8441, SR-8389
680.11(C)	Deleted section.	FR-8442
680.12	Revised into subsections and added text to recognize rated and identified for submersion regarding electrical equipment and GFCI requirements.	FR-8957
680.13	Revised to replace “at least” with “not less than” for consistency.	FR-8444
680.14	Revised text into “Wiring Methods” and “Other Equipment” subsections for clarity within corrosive environments.	FR-8408
680.14(A)	Revised text to add “tubing” as an item not permitted in this section.	SR-8400
680.21	Revised to delete former 680.21(A)(1) and relocated EGC text to 680.7.	FR-8611
680.21(A)(2)	Revised to remove the listed fittings requirement since respective code sections already require listed fittings.	FR-8530
680.21(C)	Revised for proper reference to 680.5 for GFCI and revised exception to indicate ground-fault protection is not required for listed low-voltage motors.	FR-8755