Clause	Comment	Rationale	Revision Language
1	Remove "all"	The standard does not apply to all as there are exceptions in paragraph 2 of this clause.	It embraces ~~all~~ configurations of brushing tools whose functional performance is accomplished by power-driven operation.
3.1.8	Add reference to no-load	To provide consistency with power tool standards. No-load speed is the term used to indicate free speed.	Synonymous with maximum safe rpm (free rotation or no-load speed).
3.1.9	Combine common terms by moving 3.1.19 and 3.1.20 into this definition and reordering terms while preserve current text.	Face width and operating face width are associated with brush face and should be together for added clarity.	3.1.9 ~~operating face width: The width of the face of the brush, measured at operating speed.~~ brush face: The surface of the brush that does the brushing as viewed from the ends of the filaments. 3.1.9.1 face width: The axial dimension at the outside diameter of a brush when it is measured in its static condition. 3.1.9.2 operating face width: The width of the face of the brush, measured at operating speed.
3.1.13	Revise description of crimped wire	Make consistent with description of 3.10.1	Wire that has been passed through gears or other devices to impart a corrugated appearance ~~configuration similar to a sine waveform~~ to the wire.
3.1.19	Delete as part of work for 3.1.9	If accepted, this will be incorporate into 3.1.9	~~3.1.19 face width: The axial dimension at the outside diameter of a brush when it is measured in its static condition.~~

3.1.20	Delete as part of work for 3.1.9	If accepted, this will be incorporate into 3.1.9	~~3.1.20 brush face: The surface of the brush that does the brushing as viewed from the ends of the filaments.~~
3.1.21 to 3.1.26	Renumber as part of work for 3.1.9	If accepted, the deletion of 3.1.19 and 3.1.20 will required these clauses to be renumbered	3.1.~~21~~ 19 3.1.~~22~~ 20 3.1.~~23~~ 21 3.1.~~24~~ 22 3.1.~~25~~ 23 3.1.~~26~~ 24
5.1	Revise “and” to read “or” to avoid possible confusion on applicable standard	The “and” in the paragraph may imply a tool needs to meet both UL 60745 and UL 987, when in fact you would only need to comply with UL 60745 for portable tool and UL 987 for transportable tools.	It shall be the brush machine builder’s responsibility to indicate the maximum rpm of the machine and the size of the brush to be used on the machine based on the requirements for guarding the machine as described in ANSI B7.1, ANSI/UL 60745 ~~and~~ or ANSI/UL 987, as applicable.
6.1	Remove specific inspection language and send them to clause 7	The list of inspection items is not complete. Clause 7.2 and 7.4 cover the issue in more details. Directing the user there will offer more complete guidance and consolidate the messages into the same clauses.	Immediately before mounting, all brushes shall be closely inspected according to 7.2 and 7.4 to make sure they are suitable for use. ~~have not been damaged in transit, storage, or otherwise (see 9.2 and 9.3). the spindle speed of the machines shall be checked before mounting the brush to be certain that it does not exceed the maximum safe free speed marked on the brush or the manufacturer’s recommended maximum safe free speed if the brush is of such a size or configuration that marking is not feasible.~~

7.2	Add additional inspection criteria consistent with 6.3 to the end of this clause	Clause 6 covered mounting inspections and considers the surface condition of the mounting parts. This is also applicable to the brush inspection before use.	All contact surfaces of brushes, shall be flat and free of foreign matter that could result in uneven pressure. Brushes shall be checked periodically to see that they are not distorted or burred so as to cause improper functioning.
7.5			~~Design, construction, testing, and use of devices for eye and face protection shall be in accordance with ANSI Z87.1.~~ Brush operators and others in the area of the brushing operation shall wear safety goggles, full face shields over safety glasses with side shields, or other forms of personal eye protection designed, constructed and tested in accordance with ANSI Z87.1.
7.7	Revise to add language that guard must comply with applicable tool standards	A guard specified for a tool must comply with the applicable guarding requirements for that class of tool as described in either UL60745 or UL 987	Because rotating brushes can be ~~are inherently~~ hazardous, the operator, as well as in proximity to the brushing station, shall be protected by safety guards meeting the requirements of the applicable brushing machine (power tool) standard (see 5.1)
7.7.1	Revise to add language that guard must comply with applicable tool standards.	A 'bench' type machine shall comply with UL 987.	Machines known as bench or pedestal grinders shall comply with ANSI B7.1 and/or UL 987.
7.7.3	To acknowledge guarding requirements of end product safety standards.	End use product standards already have sufficient guarding requirements and this standard does not intent to add additional requirements.	When the brushing machine is not covered by an~~d~~ end use product safety standard (ref. 5.1), ~~I~~interlocking safety guards shall be considered if fixed safety guards are not practical.
9.3	Add clarity and consistency	Incorporate some text from 7.2 to add clarity as rust will only apply to ferrous materials.	A typical defect that might be encountered on wire brushes is ~~oxidation~~ rust (oxidation), discoloration in the surface finish caused by

			exposure to environmental conditions.
E4.3	Remove "study" Add text to reference power tool manual as well.	The use of "study" adds text but may not increase meaning. If one were to read and understand, they have studied the text enough. If they study and do not understand, the study was not effective. Not only are the warnings on the brush and its instructions important but so are those in the tool manual. The standard references proper application of guarding in accordance with the tool manual in 7.7 so it is appropriate to send the user to this document as well.	All packages containing brushes should have a summary of the safety precautions given in this standard printed either on each package or on a card or slip placed inside the package. When placed inside the package, the package (or label on the package) shall be marked **Warning: Read~~,~~ study and understand all warnings and operating instructions on the enclosed safety slip <u>and those provided with your power tool</u> before using this brush.**
E7.7.3	To acknowledge guarding requirements of end product safety standards. (consistent with revision suggested to 7.7.3)	End use product standards already have sufficient guarding requirements and this standard does not intent to add additional requirements.	<u>Add after heading: When end product safety standards for brushing machines are available, such as those mentioned in 5.1, compliance with, their guarding requirements provides sufficient protection to the users of brushes.</u>
E7.9a	Correct typo	Discovered typo in earlier version	(~~nn~~m^3/min)
Notes	Revise safety goggles to eye protection	More appropriate title as the eye protection used may not be goggles	<u>Eye protection</u>~~Safety goggles~~: Safety goggles or full face shields worn over safety glasses with side shields must be worn by all operators and others in the area of power brush operations. Comply with the requirements of ANSI Z87.1, "Occupational and Education Eye and Face Protection."