



SAINT-GOBAIN



Transforming
surfaces
...and beyond

A RANGE OF CUTTING AND DEBURRING WHEELS APPROVED FOR USE IN NUCLEAR POWER PLANTS



WHY USE SPECIFIC WHEELS IN NUCLEAR ENVIRONMENTS?

In nuclear environments, it is essential to ensure the safety and reliability of the facilities. EDF has established strict standards aimed in particular at preventing the risks of corrosion and deterioration of metal parts, avoiding any toxicological hazards, and ensuring the proper operation of its nuclear power plants. PMUC approval, established by EDF, is a key step for our abrasive products. This approval certifies that Norton Nuclear wheels are non-metallic products and contain materials that can be used for maintenance, inspection and operational activities in nuclear power plants.

WHAT REQUIREMENTS MUST DISCS MEET FOR USE IN NUCLEAR ENVIRONMENTS?

PMUC products must contain a limited amount of halogens (fluorine, chlorine and bromine) and sulphur, as these elements can, under certain conditions, cause various forms of corrosion in metal alloys. They could endanger the nuclear installations at the heart of the plants. In addition, these PMUC products must be free of prohibited materials, including lead, mercury, tin, zinc, cadmium, arsenic, antimony, copper, silver, cobalt and iron.

NORTON NUCLEAR WHEELS ARE PMUC APPROVED

PMUC stands for **Products & Materials Used in Nuclear Power Plants**

Norton Nuclear cutting and grinding wheels have undergone chemical analyses carried out in a laboratory approved by EDF. EDF-UTO then assigned a PMUC approval number.



All products that have received PMUC approval must display the logo. The various pieces of information required by EDF appear on the label affixed to the wheel packaging (such as validity and the PMUC logo). The certificate is available on request via our website.

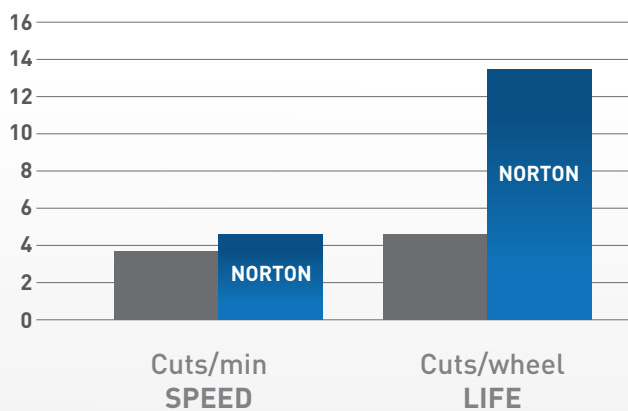


THE PERFORMANCE OF NORTON NUCLEAR WHEELS

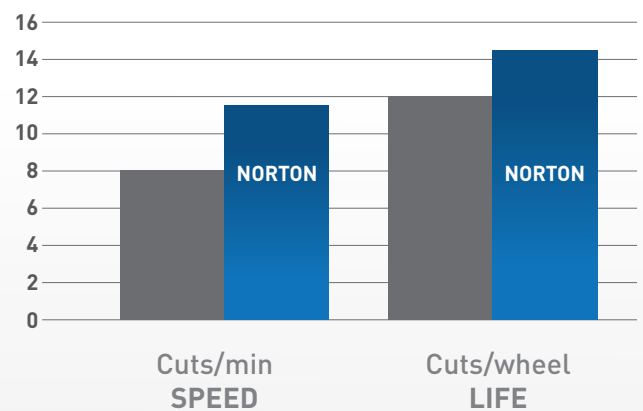
Norton Nuclear wheels outperform comparable competitor wheels.



BENCHMARK - 125x1.6x22.23mm



BENCHMARK - 230x2.0x22.23mm



NORTON NUCLEAR ALLOWS FASTER CUTTING TO REDUCE THE OPERATORS' EXPOSURE TO RADIATION.



» FROM 30% TO 46% LESS EXPOSURE!

NORTON NUCLEAR PROVIDES A SUPERIOR CUTTING CAPACITY TO REDUCE THE NUMBER OF WHEELS TO BE USED AND THUS DECREASE THE QUANTITY OF WORN-OUT WHEEL WASTE.

» FROM 1.5 TO 3 TIMES LESS WHEEL WASTE!


AVAILABILITY OF NORTON NUCLEAR WHEELS

CUTTING WHEELS

TYPE	DIA (mm)	TxB (mm)	SPEC.	ART NO.
 TYPE 41	125	1.6 x 22.23	ZA36Q	66252846669
	230	1.9 x 22.23	ZA36Q	66252846674
 TYPE 42	115	3.2 x 22.23	A30Q	66252846667
	125	3.2 x 22.23	A30Q	66252846670
	230	2.0 x 22.23	ZA30Q	66252846674
	230	3.5 x 22.23	A30Q	66252846672



DEBURRING WHEELS

TYPE	DIA (mm)	TxB (mm)	SPEC.	ART NO.
 TYPE 27	115	6.8 x 22.23	A30Q	66252846668
	125	6.8 x 22.23	A30Q	66252846671
	230	6.8 x 22.23	A30Q	66252846673




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Form #


Sustainable European Abrasive Manufacturers