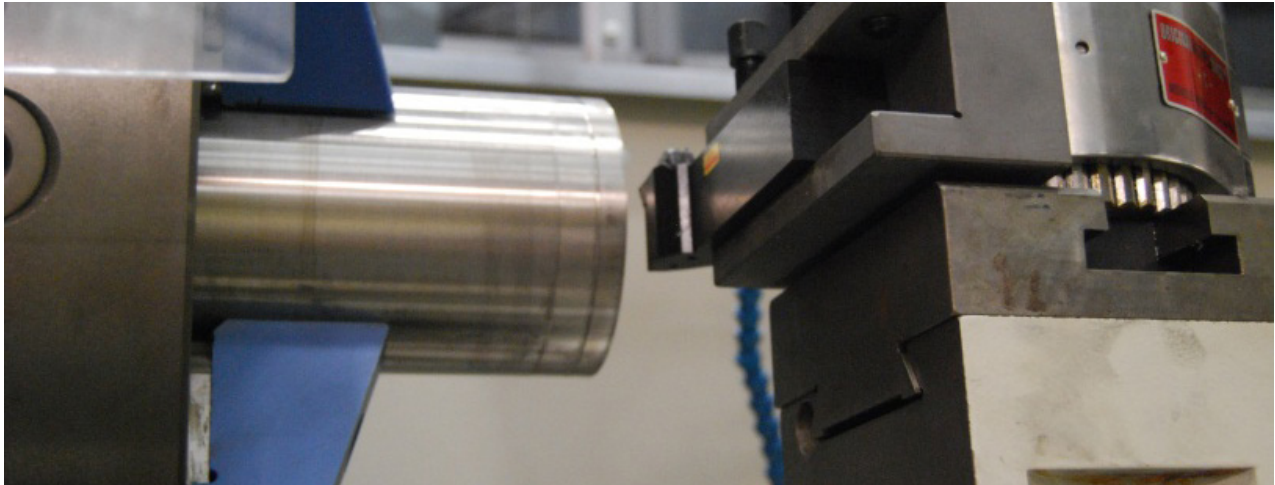


Backing Tubes



Decades of Excellence

For many years, BWXT Nuclear Energy Canada Inc. (BWXT) has been producing zirconium tubing products for energy markets around the world. Today, we continue to serve this industry while expanding into adjacent markets including welded tubes made from titanium and stainless steel for use as sputter targets.

Product Offerings

BWXT's Stainless Steel Backing Tubes (ES133) are designed and fabricated to meet and/or exceed customer end use requirements. The dimensional tube tolerance and surface properties exceed current industry standards and requirements. Our precision Backing Tubes achieve circularity and straightness properties which are near perfection, thus providing our customers with a reliable product that achieves high quality, smooth rotational motion for subsequent target fabrication.



Tube Processing

Our Backing Tubes are processed using the same technology applied to products fabricated for the use in nuclear reactors where performance and exacting dimensional tolerances are critical for the safe and reliable operation of nuclear reactors. The product is mechanically formed, seam welded, cold worked and heat treated to achieve weld properties including tensile strength and ductility that closely represent the mechanical properties of the parent material.

Quality Inspection

Our tubes are subjected to a host of production inspections before they are fully certified for shipment. These inspections include:

- Ultrasonic Test
- Pneumatic Leak Test
- Dimensional Inspection with Coordinate Measuring Machine (CMM) Technology
- Video Scope of the Tube's Inner surface
- Surface Roughness Test

NUCLEAR ENERGY

GOVERNMENT SERVICES

ADVANCED TECHNOLOGIES

BWXT Nuclear Energy Canada Inc. is a subsidiary of BWXT Canada Ltd. (BWXT Canada), headquartered in Cambridge, Ontario. BWXT Canada has over 60 years of expertise and experience in the design, manufacturing, commissioning and service of nuclear power generation equipment. This includes CANDU and Pressurized Water Reactor steam generators, nuclear fuel and fuel components, critical plant components, parts and related plant services. Headquartered in Cambridge, Ontario, BWXT Canada has approximately 850 employees at locations in Cambridge, Peterborough, Toronto and Arnprior, Ontario. BWXT Canada is a subsidiary of BWX Technologies, Inc. (NYSE:BWXT).

BWXT is a leading supplier of nuclear components and fuel to the U.S. government; provides technical, management and site services to support governments in the operation of complex facilities and environmental remediation activities; and supplies precision manufactured components, fuel and services for the commercial nuclear power industry. Learn more at www.bwxt.com.

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www.bwxt.com



BWXT Nuclear Energy Canada Inc.
1160 Monaghan Rd
Peterborough, ON
Canada, K9J 0A8
t: +1.705.748.7999