MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

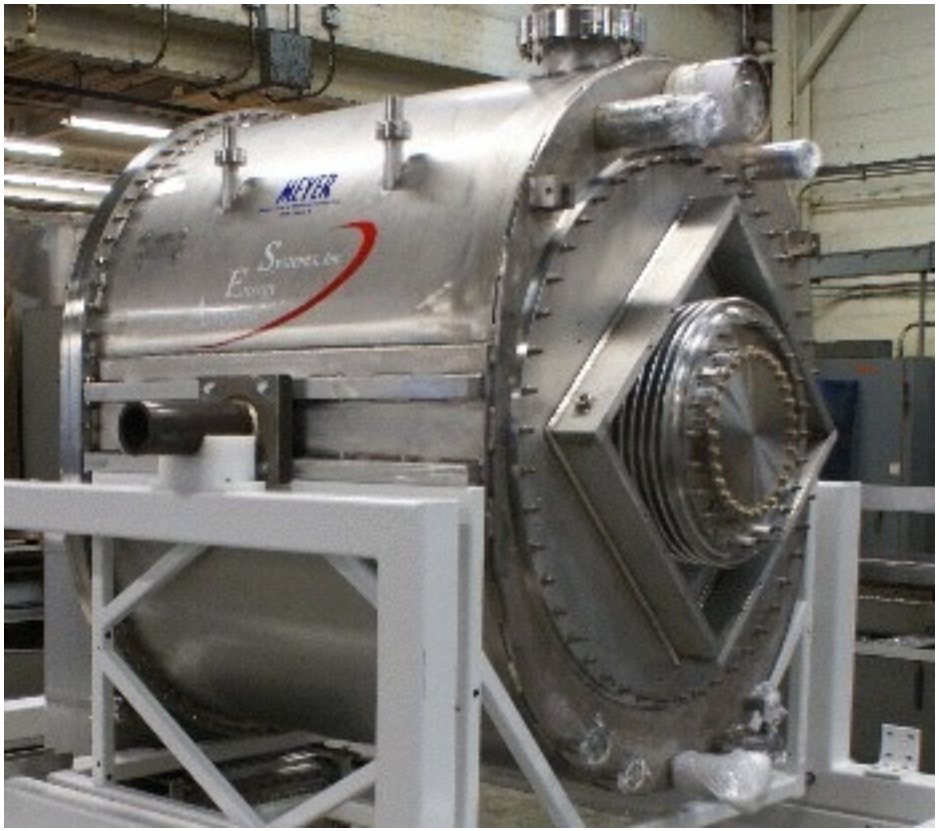
Reducing Project Risk Since 1969.

Who is Meyer Tool.

What US Manufacturing does for the economy.

Why support of basic science is important.

Why a strong US-industrial /US-laboratory partnership is important.



One of two 500MHz Cryomodule Assemblies for NSLS-II @BNL.

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.

One of Eight Meyer Tool built Distribution Boxes. Large Hadron Collider, CERN

Meyer Tool & Mfg., Inc. manufactures products in the interrelated disciplines of cryogenic, pressure and vacuum related technologies.

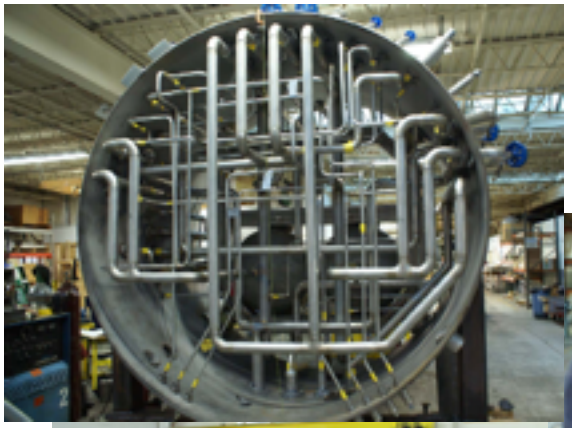
These products are used in high technology applications in basic research and development and by industrial customers for commercial applications.

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.



Helium Liquefier Cold Box

ASME Code Pressure Vessel

Vacuum Vessel for Superconducting Radio Frequency Gun

Specialists in Cryogenics, Vacuum and Pressure Technologies.

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Our components are installed in the world's most powerful laser, the most powerful particle accelerator, most powerful neutron source, at the South Pole, in advanced light sources, in solar cell production lines, semiconductor production lines, commercial sterilization accelerators, helium liquefaction plants, nano-particle production lines, and other harsh and demanding environments. All these components were installed with no surprises and working without fault.

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.

We Reduce Project Risk by understanding customer needs and responding with effective solutions. Founder Frank Meyer's vision in 1969 has resulted in a company where employee commitment to family values, accountability, and innovation ensures your project is built to your needs, not just to the prints. This ensures our customers Achieve the Lowest Total Cost of Ownership.

MEYER

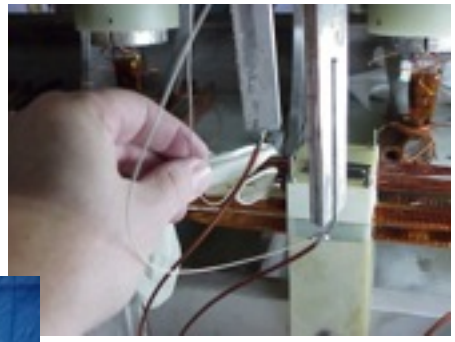
SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

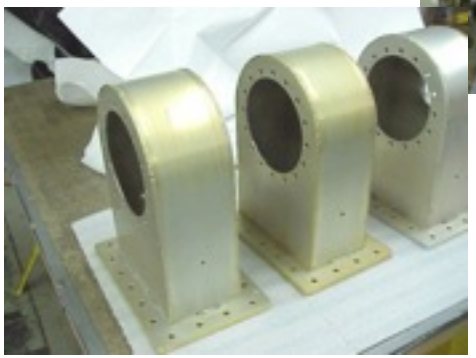
Reducing Project Risk Since 1969.

Supporting Science: Participated in almost every major DOE Scientific Program in High Energy and Nuclear Physics in the last forty years.

Cleaning a Vacuum Vessel for Worlds Most Powerful Laser, NIF @ LLNL



SC Wire Assy for Worlds Most Powerful Accelerator, LHC @CERN



Radio Frequency Waveguide Covers for the World's Most Powerful Neutron Source, SNS@ORNL

Infrared Astronomy Cryostat, South Pole Telescope, University of Chicago

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.

Supporting High Tech Industry: Accelerator applications, advanced instruments, biotechnology, communications, Industrial Gases, Medical, Petrochemical, and Semiconductor markets.

Semiconductor Process Equipment

Nanotechnology Process Vessel

Solar Cell Process Vessels

- Who is Meyer Tool.
- **What US Manufacturing does for the economy.**
- Why a strong US-industrial /US-laboratory partnership is important.
- Why support of basic science is important.

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.

US Manufacturing supports American global leadership, competitiveness, and creates jobs with futures.

Welding a Titanium Pressure Vessel

Machining an Aluminum Vacuum Vessel

Helium Leak Testing a Vessel

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.

US Manufacturing invests in training of our workers and equipment and plans for the future even in challenging

Cold Shock Testing

Precision Clean Assembly

Helium Leak Test Training

- Who is Meyer Tool.
- What US Manufacturing does for the economy.
- **Why support of basic science is important.**
- Why a strong US-industrial/US-laboratory partnership is important.

Reducing Project Risk Since 1969.

What is the importance of basic science funding to the economy?

Did anyone imagine these results before they happened?

The need for hypertext communication in the High Energy Physics community would lead to the **world wide web**?

The need to cool superconducting magnets for guiding and steering particles in an accelerator would develop technologies that have made **MRI machines** common place?

The techniques for targeting proton beams in accelerators being used to precisely **annihilate cancer cells**?

We don't know what the future holds, but history tells us the unexpected benefits of basic research will have dramatic impact on our lives.

- Who is Meyer Tool.
- What US Manufacturing does for the economy.
- Why support of basic science is important.
- **Why a strong US-industrial/US-laboratory partnership is important.**

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.

What does industry bring to the table?

Support of the National Laboratory R&D efforts with expertise in manufacturability and production processes.

Transfer of technology from the laboratory to industry resulting in faster and more efficient commercialization.

Contributing to the economy with well paying careers in manufacturing and engineering.

Long-term stable employment in jobs requiring a skilled and involved work-force. Jobs hard to outsource to lower paid/lower skilled overseas workers.

SCRF Cavity LHe Vessel EB Welding

MEYER

SPECIALISTS IN CRYOGENIC, VACUUM & PRESSURE TECHNOLOGIES

Meyer Tool & Mfg., Inc.

Reducing Project Risk Since 1969.

Early involvement of industry will:

- Build and strengthen a private industrial base for superconducting radio frequency (SCRF) technologies in the United States.
- Allow industry expertise and national laboratory expertise to blend to develop more cost efficient and productive processes as SCRF moves from prototype and low volume to mass production.
- Position American Industry to compete in a high technology market with potential commercial applications.

Without an aggressive industrialization program, offshore industries will supply these components paid for with U.S. tax dollars.

SCRF QWR Cavity LHe Vessel being welded at Meyer Tool

Reducing Project Risk Since 1969.

The 2005 National Academies' report, **Rising Above the Gathering Storm,** issued a national call to action to address America's crisis in investment in technologies that will ensure the future prosperity of the nation.

Multiple Congresses and two Administrations have committed to addressing this crisis through the America COMPETES Act.

Yes, we have to get the federal budget under control. But can we afford to cut off the investment in our future these programs represent?