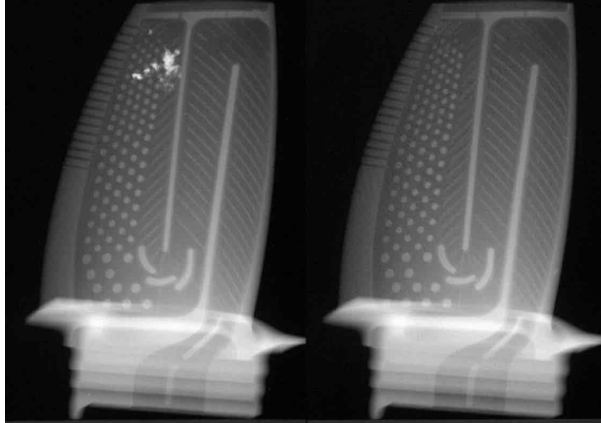


Neutron Radiography



What is Neutron Radiography?

Nuclear reactors provide the intense neutron sources required to visualize objects based on their interactions with neutrons, which provides a new range of possibilities compared to traditional NDT methods. This specialized NDT method enables inspections that go beyond X-ray imaging.

What is the process for Neutron Radiography?

The process of neutron radiography uses high yield neutron generators to capture a scan of the internal mechanisms of a sealed object. A neutron beam is directed toward an object and an image is formed. Unlike x-ray testing, neutrons can penetrate high density material.

Benefits of Neutron Radiography

There are many benefits to using neutron radiography testing, including:

- The ability to penetrate dense materials more effectively than x-ray testing.
- It is less damaging compared to x-rays, making it easy to test sensitive objects.
- It allows for less preparation, making the process more efficient and streamlined.
- The ability to uncover hidden details and flaws that would otherwise go unnoticed.

Applus+ Laboratories Accreditations for Neutron Radiography



We hold approvals from a number of aerospace organizations covering both civil and military industries.

Some of the standards we are accredited to include:

- AS9100
- NAS410
- ASTM E545

We also hold approvals from

- GE
- PWA
- PWC
- Honeywell

Why choose Applus+ Laboratories for Neutron Radiography

With a commitment to excellence, [Applus+ Laboratories](#) brings a wealth of experience and expertise, making us a trusted partner for NDT testing. What sets us apart is a team of highly qualified and certified professionals, stringent safety measures, and continuous training, ensuring clients receive accurate, detailed imaging.