

Neutrons Can Help Address Manufacturing Challenges



Courtesy of Magnesium Elektron



Challenges

Cracking of large magnesium slabs during casting



How can I-SEC help?

Using neutrons, scientists from Magnesium Elektron were able to build an accurate picture of residual stresses within the cast slabs and develop process simulation models



Benefits

Redesigned production process
Reduced non-conformance
Significantly reduced costs
Increased productivity