

Peening for Life Improvement



Challenges

Stress corrosion cracking or corrosion fatigue in power generating plants can cause catastrophic failure and loss of electricity production.



How can I-SEC help?

Detailed characterisation of beneficial residual stresses introduced by shot-peening of fir-tree roots providing resistance to crack initiation.



Benefits

Reduced inspection costs.
Uninterrupted production of electricity.
€100 million savings