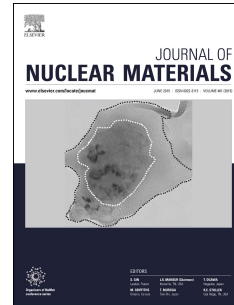


Accepted Manuscript

Oxide inclusions in laser additive manufactured stainless steel and their effects on impact toughness and stress corrosion cracking behavior

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PII: S0022-3115(17)31392-2

DOI: [10.1016/j.jnucmat.2017.11.036](https://doi.org/10.1016/j.jnucmat.2017.11.036)

Reference: NUMA 50645

To appear in: *Journal of Nuclear Materials*

Received Date: 3 October 2017

Revised Date: 21 November 2017

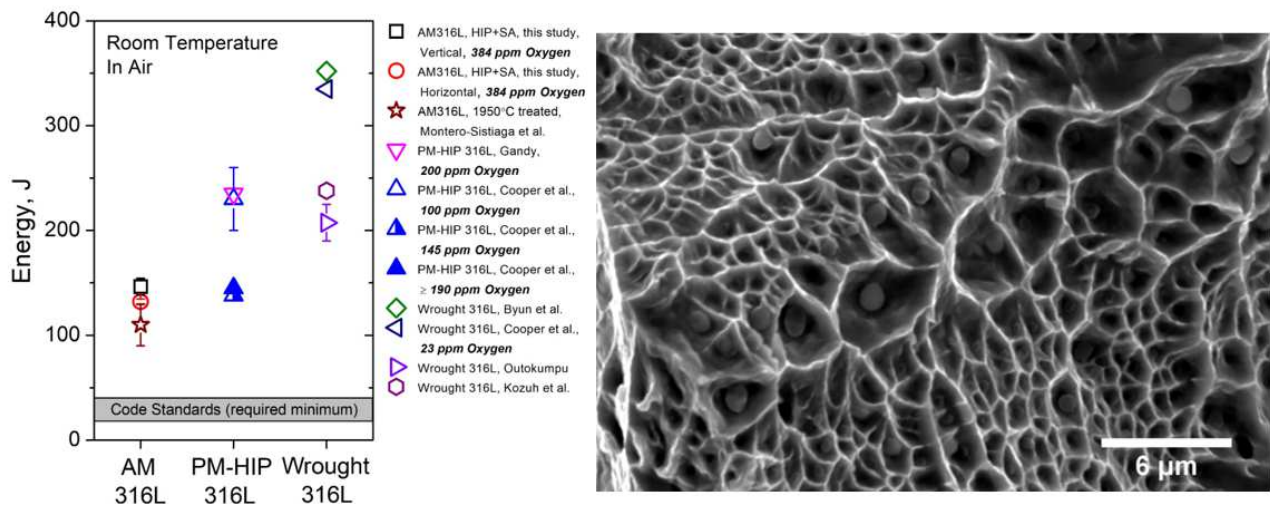
Accepted Date: 22 November 2017

Please cite this article as: X. Lou, P.L. Andresen, R.B. Rebak, Oxide inclusions in laser additive manufactured stainless steel and their effects on impact toughness and stress corrosion cracking behavior, *Journal of Nuclear Materials* (2017), doi: 10.1016/j.jnucmat.2017.11.036.

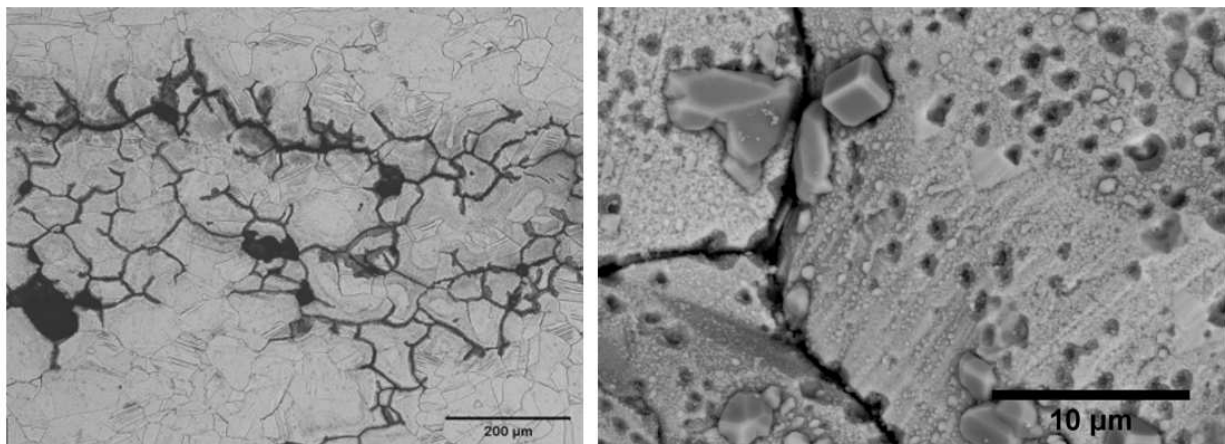
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Graphical Abstract

Oxide inclusions promote micro voids formation and reduce impact toughness.



Oxide inclusions accelerate grain boundary oxidation and SCC branching.



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