Abstract Submitted
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The Effects of AC Electromagnetic Stimuli in Conjunction with Standard Cryogenic Treatment of Metals JAMES SEYFERT, AUSTIN EVANS, KYLE LEADLOVE, CASEY WATSON, Millikin University, PETER PAULIN, 300 Below Inc., PETER PAULIN COLLABORATION — We explore modifications to the basic cryogenic procedures utilized by 300 Below Inc. to strengthen metal components. We consider the effects of adding AC electromagnetic stimuli in our efforts to further optimize the cryogenic treatment – i.e., to augment the already improved tensile strength, shear strength, thermal and electrical conductivity, etc. resulting from 300 Below Inc.'s traditional cryogenic process. We report on the wear-test performance of AC magneto-cryogenic treated samples relative to standard cryogenically treated samples and control samples. Replace this text with your abstract body.

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