

Status Report on Non-line-of-sight (NLOS) Hard Chromium Alternatives

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For nearly three years, CTC has been working with the U.S. Air Force Research Laboratory through the National Defense Center for Environmental Excellence (NDCEE) to evaluate electrochemical alternatives to hexavalent chromium electroplating for non-line-of-sight (NLOS) applications. In previous papers, the selection methods were described and the selected alternatives were identified. Specifically, a variety of nickel-based alloys and composition coatings were selected for testing. Since the last paper (presented at the 2001 AESF/EPA Conference in January), some of the initial screening tests have been conducted and data generated to analyze the alternative chemistries. This paper provides an update on the demonstration activities being performed, the resulting screening tests, and any conclusions that may be made.

Paper not available

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