

## **Decontamination of Test Range Metal Debris Using a Transportable Flashing Furnace**

El Dorado Engineering, Inc. (EDE) has proposed that the Transportable Flashing Furnace (TFF) that EDE developed for cleanup of unexploded ordnance sites can also be used in support of active military test ranges. EDE obtained an ESTCP contract to demonstrate the use of the TFF to flash test range material from the active test range at Eglin Air Force Base. Currently, Eglin Air Force Base has had no method to remove many of the test range materials because of potential explosive hazards. This demonstration test includes flashing materials that contain high quantities of aluminum, selecting the optimum trays and baskets for this type of work, and providing prepared explosive test coupons to demonstrate the ability of the TFF to destroy explosive contamination. EDE also reviewed environmental regulations associated with this technology as it applies to test ranges. This paper describes the work completed on this test program.