



DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
1333 ISAAC HULL AVE SE
WASHINGTON NAVY YARD DC 20376-0001

IN REPLY REFER TO
4123
Ser 05S/2019-353
November 1, 2019

Thermion Inc.
5813 NE Minder Rd.
Poulsbo, WA 98370

Attention: Mr. Dean Hooks

SUBJECT: QUALIFICATION APPROVAL OF "SAFTRAX TH604" TO TYPE I AND
"SAFTRAX TH604CF" TO TYPE II OF MIL-PRF-32577

Dear Mr. Hooks,

This letter is in response to Thermion Inc.'s request for qualification approval of "SAFTRAX TH604" to type I and "SAFTRAX TH604CF" to type II of MIL-PRF-32577, "Coating System, Nonskid, Metallic Thermal Spray Application."

The results of a general capability survey, enclosure (1), conducted by Defense Contract Management Agency (DCMA) Seattle at Thermion Inc.'s Poulsbo, WA plant, determined that the plant has the technical, production, and quality assurance capabilities to manufacture products in accordance with MIL-PRF-32577.

Thermion Inc. submitted the following test reports:

- PSI Test Report 0689901-4 dated 03/10/15
- Intertek Report G2738.01-106-31 dated 10/04/16
- ATS Chemical Test Report C304280 dated 11/13/18
- RJ Lee Group Lab Reports PA090220170013 dated 02/16/17, and CXH1035040-0 dated 02/04/15
- FAI Test Report FAI17-1305 dated 11/30/17
- NRL Reports 3900 dated 8/15/18, and 04/25/12
- Protech Lab Reports 18-0017-1 dated 01/09/18, and 17-0884-1 dated 10/16/17

Based on the satisfactory test data documented in the above reports and acceptable health hazard assessment (HHA) from Navy & Marine Public Health Center (NMCPHC), enclosure (2), "SAFTRAX TH604" and "SAFTRAX TH604CF" conform with all requirements of type I and type II, respectively, under MIL-PRF-32577. Qualification is hereby granted to "SAFTRAX TH604" and "SAFTRAX TH604CF" of type I and type II, respectively, under MIL-PRF-32577. Qualification is subject to the conditions stated in enclosure (3). Qualified Products List QPL-32577 will be updated per the following table: