

BROOKHAVEN NATIONAL LABORATORY PHYSICS DEPARTMENT	Number: 2.06	Revision: 2.0
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Subject: Review of Non-Commercial Equipment		
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REVIEW OF NON-COMMERCIAL EQUIPMENT

1. Introduction

From time to time equipment is supplied to the ATF from non-commercial vendors outside of Brookhaven National Laboratory. Any such equipment shall undergo the following review procedure prior to installation and use at the Accelerator Test Facility. Furthermore, any equipment whose ESH&Q risk level is designated as A1 (critical) or A2 (major) shall be brought to the Physics Department's ES&H Committee, which will determine the necessary level of review. Equipment whose ESH&Q risk level is A3 (minor – and having potential safety hazards or environmental impact, or exhibit uniqueness of design or construction techniques) should be brought to the Physics Department's ES&H Committee at the discretion of the ATF Head or the ATF Safety Officer.

2. Electrical or Electronic Equipment

Any electrical or electronic equipment shall be reviewed by the ATF Chief Electrical Engineer for compliance with the following:

- 2.1 Compliance with recognized electrical or electronic engineering standards.
- 2.2 Compliance with ATF Electrical Standards, Section 2.04 of the ATF Operations Manual.
- 2.3 Proper grounding as required by OSHA 1910.304 or National Electric Code Article 250.
- 2.4 The appropriate quality assurance category and compliance.

3. Mechanical Equipment

Any mechanical equipment shall be reviewed by the ATF Chief Mechanical Engineer for compliance with the following:

- 3.1 Compliance with recognized mechanical or vacuum engineering standards.
- 3.2 Good vacuum design and integrity where necessary.
- 3.3 Mechanical stability and/or integrity.
- 3.4 The appropriate quality assurance category and compliance.