




BROOKHAVEN NATIONAL LABORATORY PHYSICS DEPARTMENT		Number: PO-P-ATF-0008	Revision: 1.1
		Effective: 8/18/2009	Page 1 of 1
Subject: ATF Water-Cooled Magnets Preventive Maintenance		Prepared by: Vitaly Yakimenko	
Reviewed by ESH Coordinator: 	Approved by ATF Head: 	Approved by Department Chair: 	

ATF Water-Cooled Magnets Preventive Maintenance Procedure

1. Maintenance procedures to be performed by qualified technicians, only.
2. Lockout and Tagout appropriate AC power sources in accordance with BNL Lockout/Tagout (LOTO) Subject Area requirements.
3. Check coil insulation for discoloration and cracks.
4. Check coil clamps for tightness. Retighten as necessary.
5. Visually inspect buss bars for shorts. Remove if found.
6. Inspect power supply cables for tightness. Retighten as necessary.
7. Inspect water lines for cracks and leaks. Replace/tighten as necessary.
8. Check pole tips for metal chips and debris. Clean as needed.
9. Remove LOTO and restore unit for normal operations condition.