

ARCS PROCEDURE	CLEANING RADIOMETER DOMES AND LENSES AT AMF	PRO(OPS)-050.001
Author: A. Haruta		March 2008 Page 1 of 2

## Cleaning Radiometer Domes and Lenses at AMF

### I. Purpose:

This document outlines steps for cleaning radiometer domes and lenses at the AMF site. It applies to the domes on B/W Pyranometers, PIRs, PSPs, the window on NIP, and the lenses on IRTs and ORG. See separate procedures for cleaning the IRT gold mirrors and the TSI mirror.

### II. Cautions and Hazards:

- Do NOT touch domes or lenses with bare hand.
- Do NOT wipe domes or lenses.

### III. Requirements:

- Distilled water (in a spray bottle)
- Compressed air (in a can)

### IV. Procedure:

#### A. Initial Cleaning

1. Visually inspect the dome or lens for dust, debris, or water spots.
2. If the dome or lens is free of dust, debris, or water spots, stop here. If it is dirty with any dust, debris, or water spots, proceed to step 3.
3. Use compressed air to remove any dust or debris.
4. If the dome or lens is clean, stop here. If it is still dirty, go to **B**.

#### B. Secondary Cleaning

1. Dowse the dome or lens with distilled water to loosen any dust or debris.
2. Wait for a few minutes.
3. Repeat steps 1 and 2.
4. Use compressed air to remove any loose dust, debris, and excess water.
5. Repeat step 4 until the dome or lens is dry without any water.

ARCS PROCEDURE	CLEANING RADIOMETER DOMES AND LENSES AT AMF	PRO(OPS)-050.001
Author: A. Haruta		March 2008 Page 2 of 2

**V. References:**

None.

**VI. Attachments:**

None.