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Radiation Instrument Stand and Instrument Set-Up

I. Purpose:

The purpose of this procedure is to describe the setup of the SKYRAD and GNDRAD stands and radiometer instruments.

II. Cautions and Hazards:

None.

III. Requirements:

- Stands.
- Hardware.
- Concrete.
- Instruments.
- Drawing of Stands.
- Site Layout.
- Surveying of Site of N- S E-W.
- General tools for setup.

IV. Procedure:

A. Steps:

1. Align the SKYRAD sensor N-S with the solar tracker towards the Equator.
2. Point all radiometers', including the UVBiometer, connectors towards the pole (south).
3. Align the GNDRAD stand N-S with the Net Radiometer protruding towards the equator(s).
4. Point the GNDRAD instruments' connectors towards the pole (south).

V. References:

None.

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VI. Attachments:

None.