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Instrument Mounting Maintenance Procedure

I. Purpose:

This document describes the procedures performed by TWP on-site observers to maintain the integrity of the instrument mounts and hardware used in the instrument mounts.

II. Cautions and Hazards:

- Be careful when using the LPS-3 spray, not to get any spray on the lens of any instrument.

III. Requirements:

- Wire brush.
- LPS-3 spray.
- Hand tools.
- Level.

IV. Procedure:

A. Steps:

1. Once a month, check the instrument mounts (bolts, nuts, or other mounting hardware) on each instrument.
2. Check to see if the bolts are beginning to rust.
3. If rust is beginning to show, scrape the bolt with a wire brush in order to remove any rust; spray the bolt with the LPS-3.
4. Check to see if the nuts are tight; this is a visual check as well as checking the tightness of the nut with your fingers.
5. If a mounting nut or bolt is loose, scrape the bolt with the wire brush, check to make sure that the instrument is level, and then tighten the nut or bolt.
6. Last of all, apply a thin coat of LPS-3 to the nut or bolt.
7. Make sure the power and instrument cables are bundled together and out of the way of the lawn mower.
8. Replace any broken or missing black cable ties that keep the cables tied together and away from the lawn mower.

V. References:

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None.

VI. Attachments:

None.