

Technical Bulletin



Stang Industrial Products

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Technical Bulletin #: TB-39
Part #: N/A
Description: Factory Proof Pressure and Functional Testing
TB Description: General testing procedures for Stang equipment

1. Proof Pressure Testing:
Pressurize the unit with either water or hydraulic oil (mil h5606 or equivalent) at a pressure which is greater of 300 psig or $1 \frac{1}{2}$ x the maximum operating pressure for a minimum period of 5 minutes. Make observations for any leakage, seepage or permanent distortion resulting from the test. Leakage, seepage or permanent distortion is the basis for rejection.
2. Functional Testing – Manually Operated Monitors:
Manually swing the monitor through its maximum vertical and full horizontal sweep ranges. Lock the swivels in place and ensure they are tight. Any sign of significant resistance to rotation or rough operation is the basis for rejection.
3. Functional Testing – Remote Controlled Monitor System:
Interconnect all of the components to be shipped as a system and fully operate the monitor through its maximum vertical and full horizontal sweeps with hydraulic oil or electric power as applicable. Operate all the controls from the control panel to ascertain proper operation. Rough or erratic operation or non-function is the basis for rejection.
4. Engineering Design:
Engineering may vary the procedures dependent on specific project requirements.