

## Tech Note #14: Proper Installation of an Operator Cover & Nested Folding Handle

Registered to ISO 9001:2000

When installing the cover and handle on the operator you should follow these instructions:

- Snap the cover onto the operator base.
- Place the handle onto the spline of the operator and rotate the handle to close the window.
- Lock the window in place.
- Rotate the handle  $\frac{1}{4}$  turn back (towards opening direction) to reduce the pressure on the operator.
- If the handle needs to be positioned in a nested cover you can remove the handle at this time and re-position it so that it will rest correctly in the nested cover.
- Tighten the set screw on the handle.
- Unlock the window and cycle the sash open and closed until the handle returns to the starting position whereby there is no additional torque required to close the sash. Note: the sash should travel to a point that the lock can easily engage and seal the window.
- If the window does not come all the way into the closed position, and more force is required on the operator to close the window, you will need to review the window for the following; sash sag; racked window; lock points that are not properly aligned; or hinges not installed correctly. These issues should be corrected prior to repeating the installation of the handle onto the operator spline.

Placing the operator and the handle under high stress and abusive loads can cause permanent failures to the handle or operator as the window is repeatedly opened and closed.