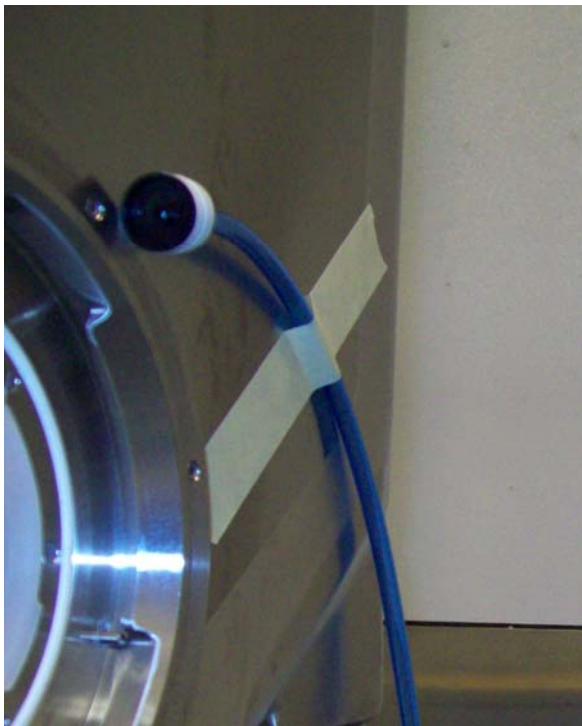


Following the ISPE Good Practice Guide for Assessing the Particulate Containment Performance of Pharmaceutical Equipment Walker Barrier Systems is now able to perform Lactose Surrogate Testing on WBS Isolator systems at our New Lisbon WI facility. Using ESA as our testing laboratory, a leader in the industry for testing of Lactose surrogate material we recently performed OEL testing on an isolator system.

The Isolator System tested is a clinical compounding isolator used as a containment environment to protect operators from substances with an OEL of as low as **85 nanograms/m<sup>3</sup>** while they weigh the active, add excipients and solvents, and transfer the mixture into a process tank. This isolator has 2 hatchback windows, 2 RTP connections and a rotating Beta connection to the process tank. Filter samples with metered pumps set at 2L/min were collected at all of these connection points. Results were all under the specified limit with a maximum reading being the operator's sample filter at 66 ng/m<sup>3</sup>.



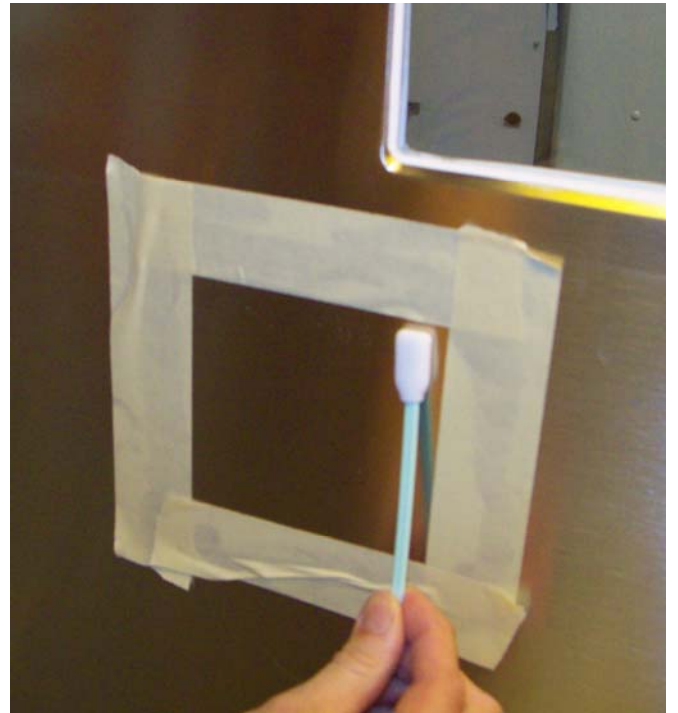
Air sample collection near Rapid Transfer Port using ESA Filter Cartridge



Air/Particulate Sample near exhaust using ESA Filter Cartridge.



Swab sample locations in the temporary testing room



Swab sample collection on interior of Isolator