CLEANLINESS GUIDE

Fresh Air Supply Unit Filter Cleanliness Guide

Regular checking of the Fresh Air Supply Unit (FASU) filter is integral to ensure that filtered fresh air is delivered at the intended flow rate through the unit. The photos below show the visual filter condition and the corresponding recommendations. Please see the recommendations in the Inspection Interval Guidelines to determine the how often the FASU's are to be inspected.

Sigrist Design supplied FASU's have a washable filter core installed, this enables the filter to be washed and reused (see attached FASU Identification Guide). It is recommended that the filter be replaced if cleaning does not remove the foreign material from the filter media. Additionally, if any damage to the filter structure is found (perforations to the filter material/media, damage to the filter wire, filter housing or damage which could prevent the housing sealing on the filter) the filter is recommended to be replaced.

| Condition Level | Visual Condition Photo | Recommendation |
|--------------------|------------------------|---|
| 1 | | The filter is suitable to be reused. Keep monitoring at the recommended regional inspection intervals. |
| 2 | | Attempt to clean the filter through washing and removal of the foreign material from the filter media/material. If cleaning fails to adequately remove the majority of the foreign material, replacement is recommended. Keep monitoring at the recommended regional inspection intervals. |
| 3 | | Attempt to clean the filter through washing and removal of the foreign material from the filter media/material. If cleaning fails to adequately remove most of the foreign material, replacement is recommended. Note: When the filter material is heavily soiled, it is likely that labour of cleaning will economically outweigh the filter replacement cost. Keep monitoring at the recommended regional inspection intervals but not less than 6 months. |