



## Leading Provider of Next Generation Air Filters

### Case Study

#### Overview:

Delta Filtration were approached by a company who had an industrial air intake close to the sea. Their current air filter supplier had installed pre-filters with carton frames in front of F7 (85%) bag filters which were not suitable due to the high levels of moisture in the air. Following a review a number of weeks after the installation, it was noticed that a high percentage of the pre-filters were collapsing and some bag filters were simply not inflating correctly due to the weight of moisture within the air.

In addition the in-house technicians were unaware on how often the filters required changing in order to maintain a fully functional filtration system.

#### Approach:

Our team carried out an on-site inspection of their current filtration system and made several recommendations on how to best achieve a filtration system suitable to match the environment which they worked in. Our recommendations included:

- Use a metal frame construction as opposed to the carton frame
- Use the EcoVee range of rigid bag filters as their secondary filtration

In addition, a time-based filter change schedule was designed which included visual indicators on the access panels, which would assist the technicians fully understand when change was required on all air filters.

#### Outcome:

The changes made to the old filtration system meant the company now had in-place a more effective and efficient filtration system which suited the environment in which the company operated in.

### Contact Details

Delta Filtration, Kilmallock Business Park, Kilmallock, Co. Limerick, Ireland

**Tel :** +353 63 98829 | **Fax :** +353 63 98830 | **E-mail :** info@deltafiltration.com | **Web :** www.deltafiltration.com