Three categories are based on the fuel being used:

- **Category C**: For commercial aviation turbine fuels
- **Category M**: For military aviation turbine fuels
- **Category M100**: For thermal stability enhanced military aviation turbine fuels

Four types of filter/separator vessels for various locations in an aviation fueling system:

- **Type S**: capable of handling significant amounts of water and dirt in the fuel
- **Type S-LD**: capable of handling fuels with low dirt content
- **Type S-LW**: capable of handling fuels with low water content
- **Type S-M**: combination of S-LD and S-LW intended only for some into-aircraft applications

*Optional dehydrator, prefilter, and clay treater vessels are not required per EI 1581 but are recommended to ensure delivery of clean dry fuel and to extend the life of the coalescer and separator cartridges in the filter/separator vessels.*