

Maintenance Plan Comsys ADF

ADF Serial Number	Year one	Year Two	Year Three	Year Four	Year Five	Year Six	Year Seven	Year Eight	Year Nine	Year Ten
General Inspection*		√	√	√	√	√	√	√	√	√
Main Cooling fan					√					√
Cabinet Filters**		√		√		√		√		√
Measure/change Capacitors***						√		√		√
IGBT****										√
Cooling liquid (if liquid system)										

Included in General Inspection*

- Overall inspection of the ADF and installation
- Inspection of enclosure, mechanical connections and cables
- Review and control of cooling systems and fans
- Function tests and control of system
- Functional tests of automatic functions and control computer
- Adjustments of filter compensation if needed
- Verify status on ADF by looking at the logfiles
- Update software (if beneficial)
- Format SD card
- Change air filter in ADF if needed, material/filter cost will be added
- Write service report including status & recommendations

Cabinet filters

- The interval to change the cabinet filter depends on the environment as per below;
- Clean Environment: Every second year
- Dirty Environment: Every six months
- Very dirty Environment: Every third month

Measure/change Capacitors***

Measure capacitors after 5 years and then every 2 years until changed out

IGBT****

The technical calculation is that the IGBT should last for minimum 10 years, but it depends on many factors and very hard to predict.