

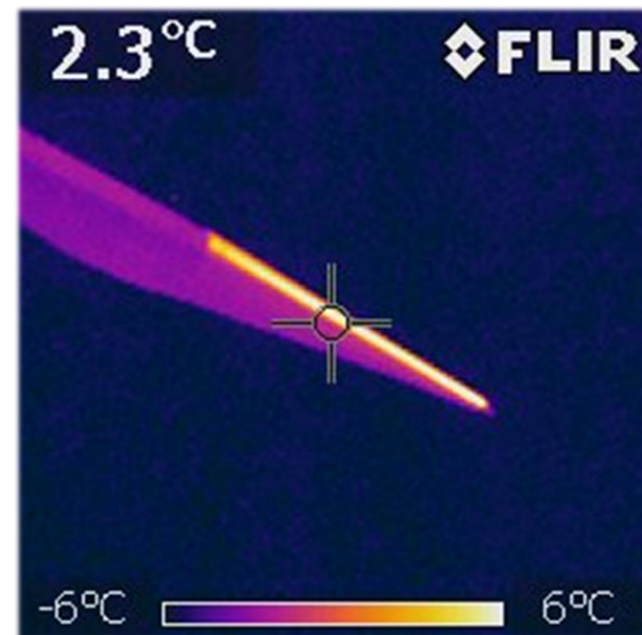


Blade Solutions
inspection & repair

Hotspot resistant blade heat system

Blade heat systems

- Hot air – Enercon, Vestas
- Carbon heat mat, Wictec, Nordex, Simens



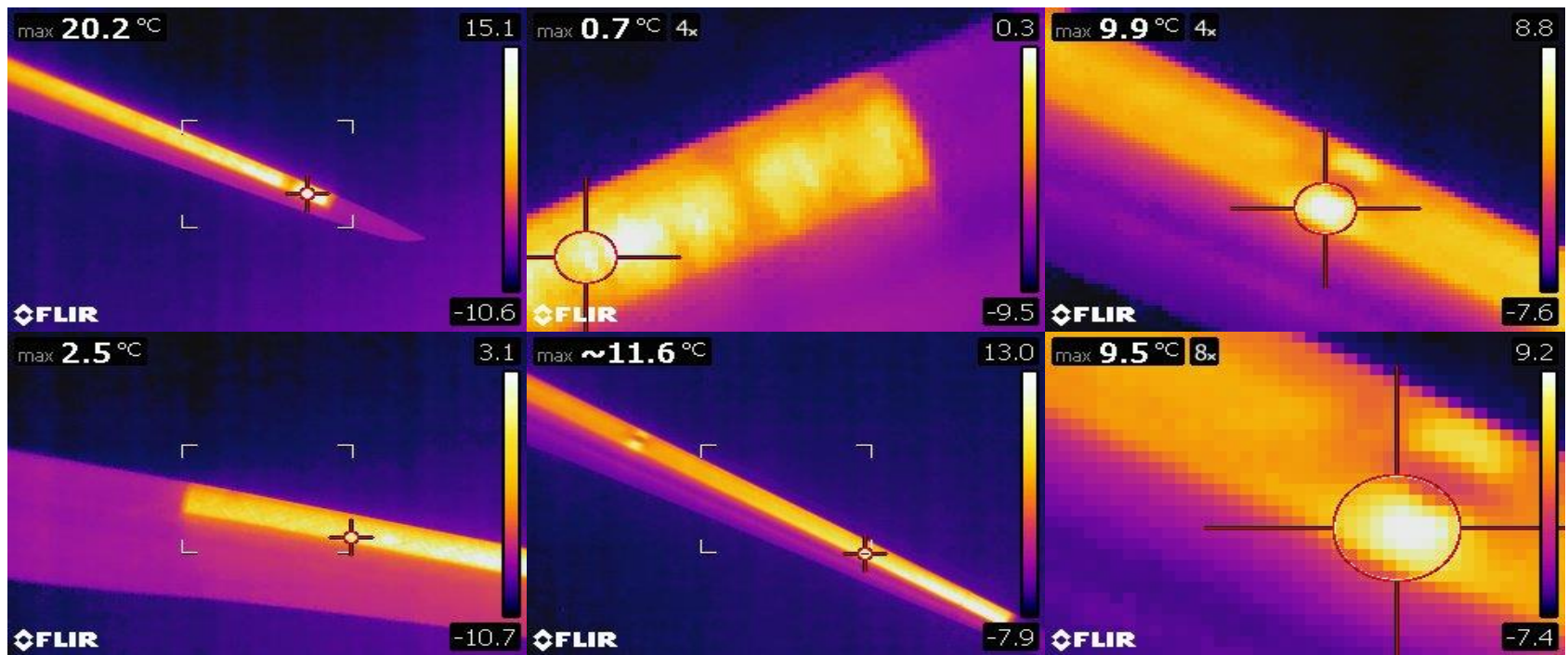
Ice on blades



Thermal inspection

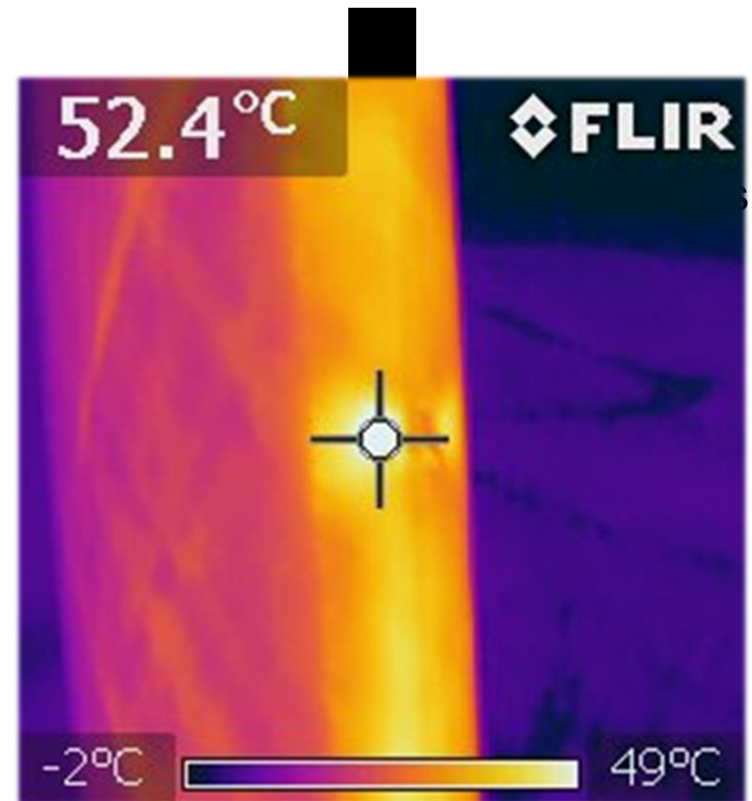


Thermal inspection



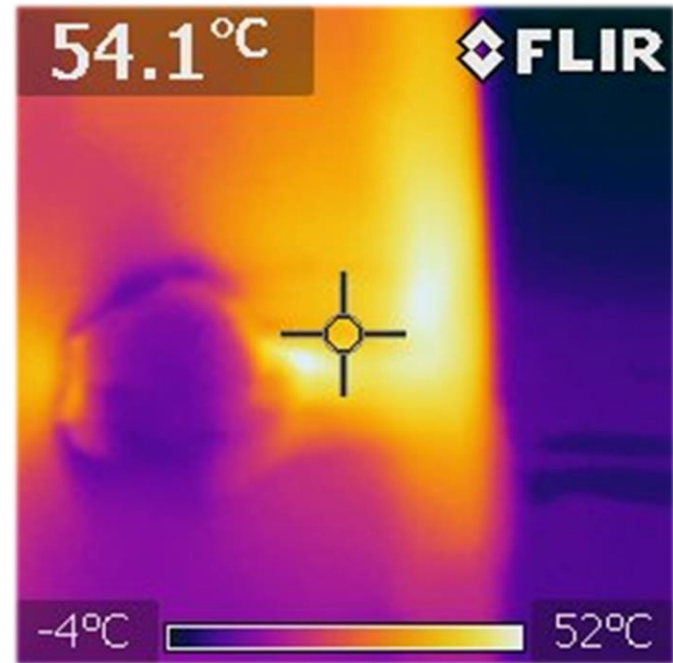
Set value at tip, 20 °C

Carbon heat mat inspections



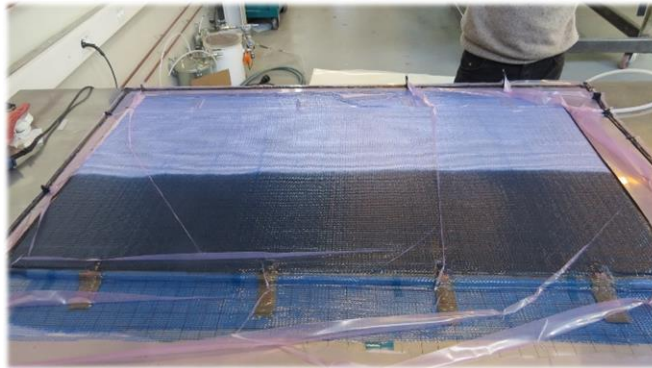
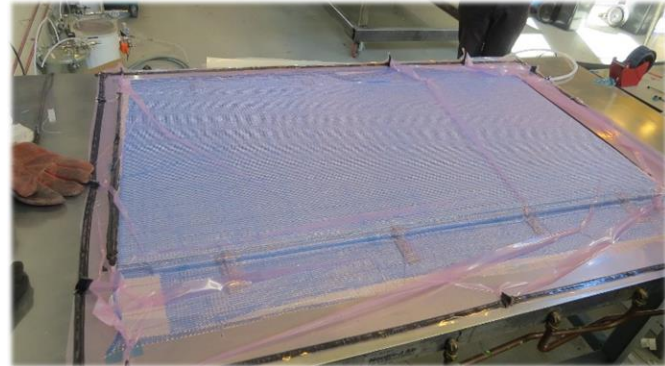
Impact

Carbon heat mat inspections

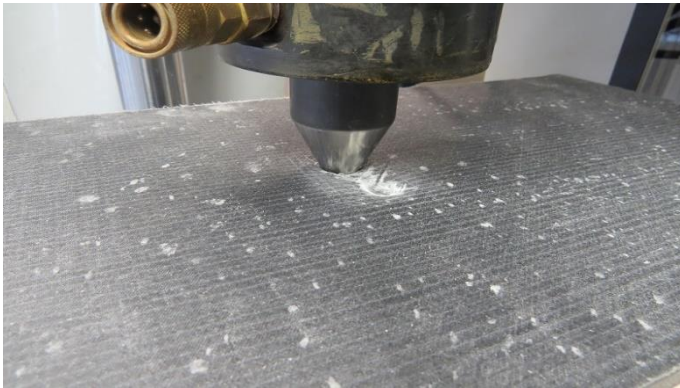


Lightning

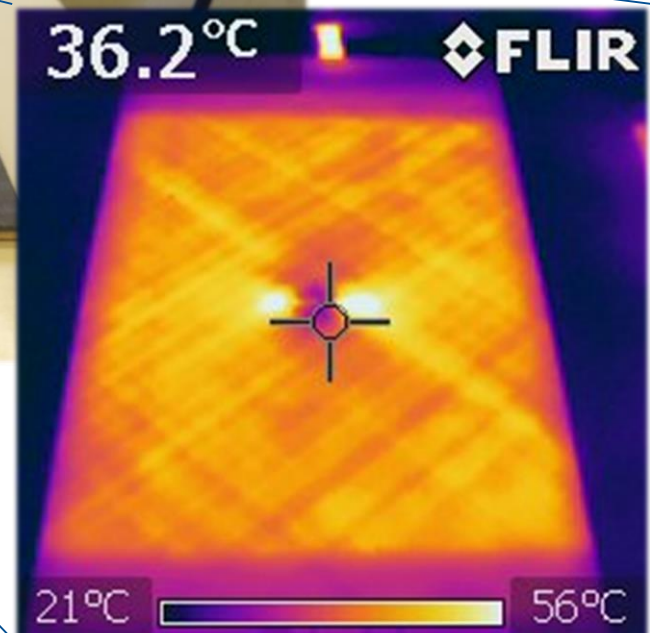
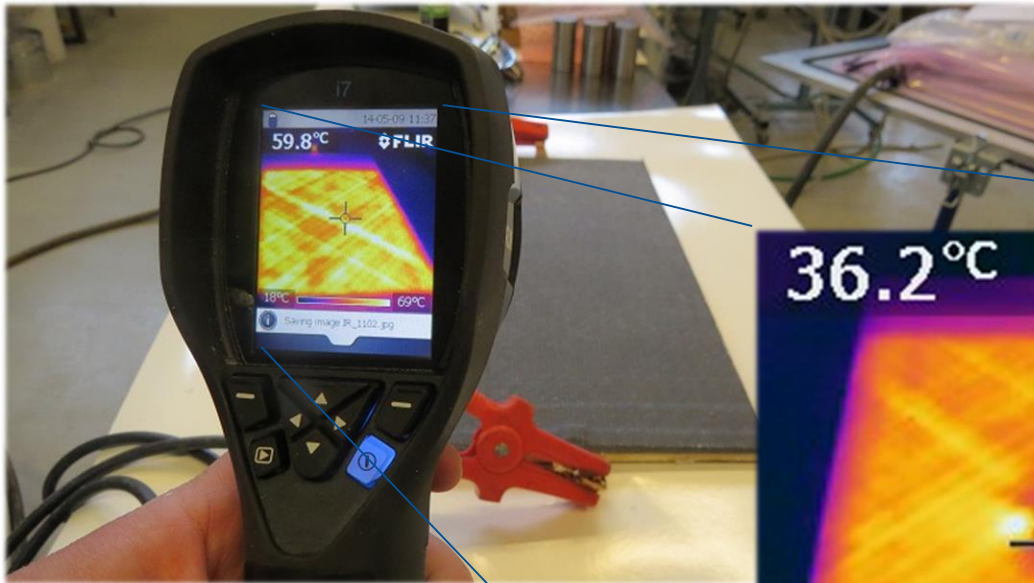
Specimen manufacturing



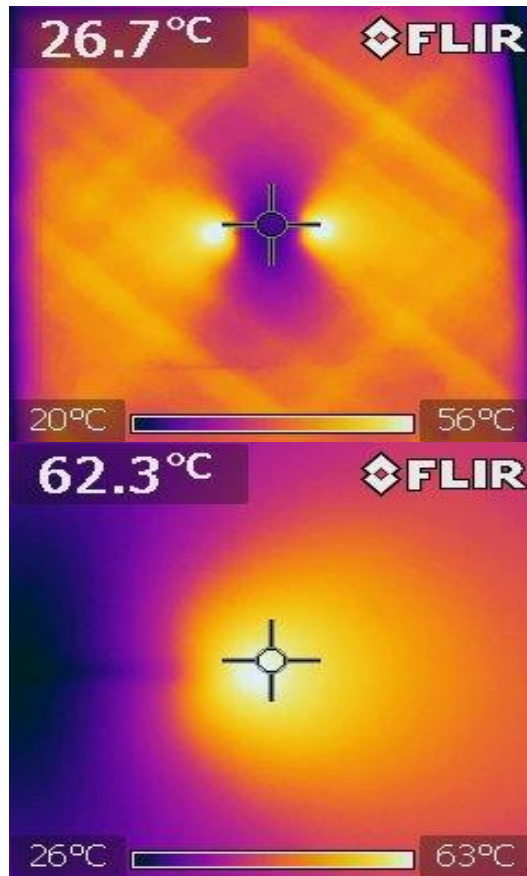
Impact and lightning damage



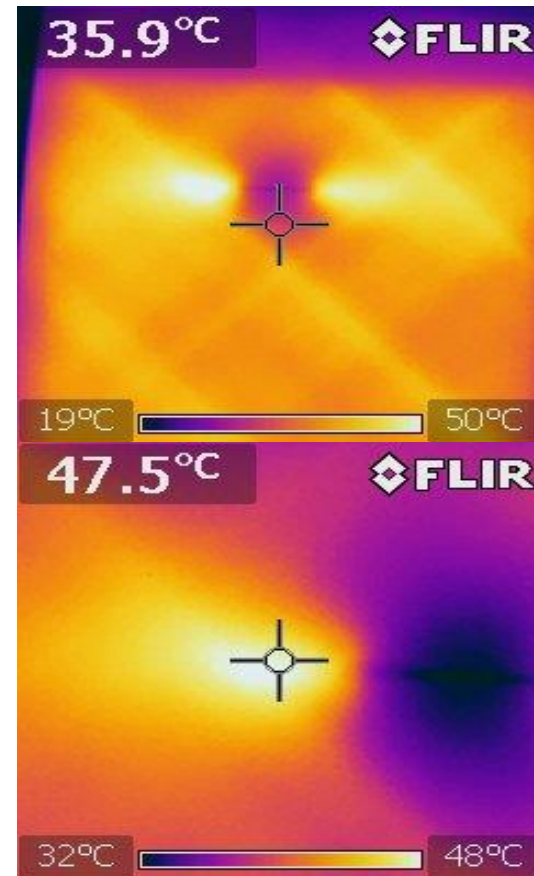
Hotspots around damages



Hotspot temperature at 40°C blade heat



Standard system



New system

Prototype of the new system

