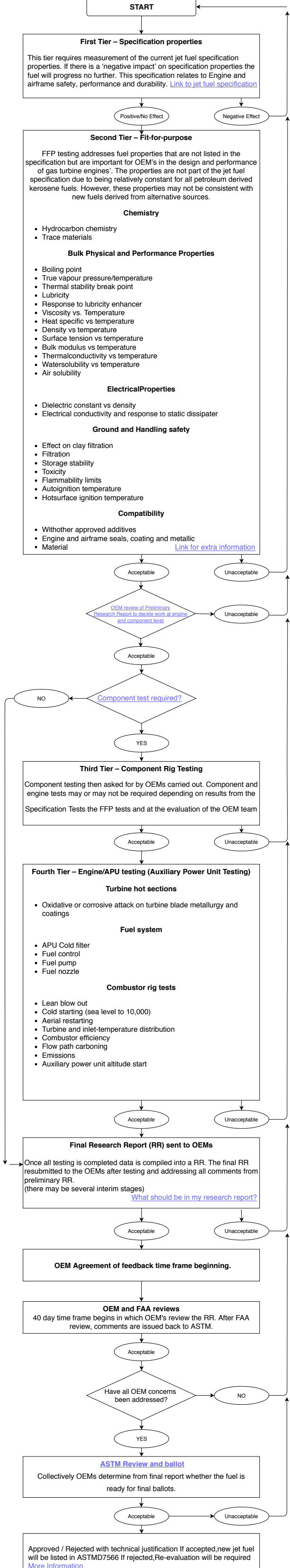


# Understanding the ASTM D4054 process: a step-by-step guide to jet fuel approval

The ASTM D4054 flowchart has been created by [KTN](#) and Sustainable Aviation to support new fuel producers navigate the complexities of approving new aviation fuel. The chart takes the user through the four main tiers from fuel specification and fit-for-purpose properties to engine testing\*. If you require further support in navigating the approval process contact [Michelle Carter, KTN](#).



\*Users must be aware that the flowchart does not necessarily include all testing. D4054 Standard practice has a certain amount of flexibility and for that reason following the structure cannot alone guarantee approval and instead stands to reflect current expectations based on past industry practice. Equally what is not shown within this diagram is the continued inter-change between OEM and producer throughout the stages, approval may not be granted by OEMs until all supplementary requirements are achieved.