

**Vale hydro tasks 03 November 2023 make an archimedes screw**

aim: to make an archimedes screw for the prototype hydro generator (shirley) for further experimentation

we have started to make an archimedes screw to test in the turbine , needs further work

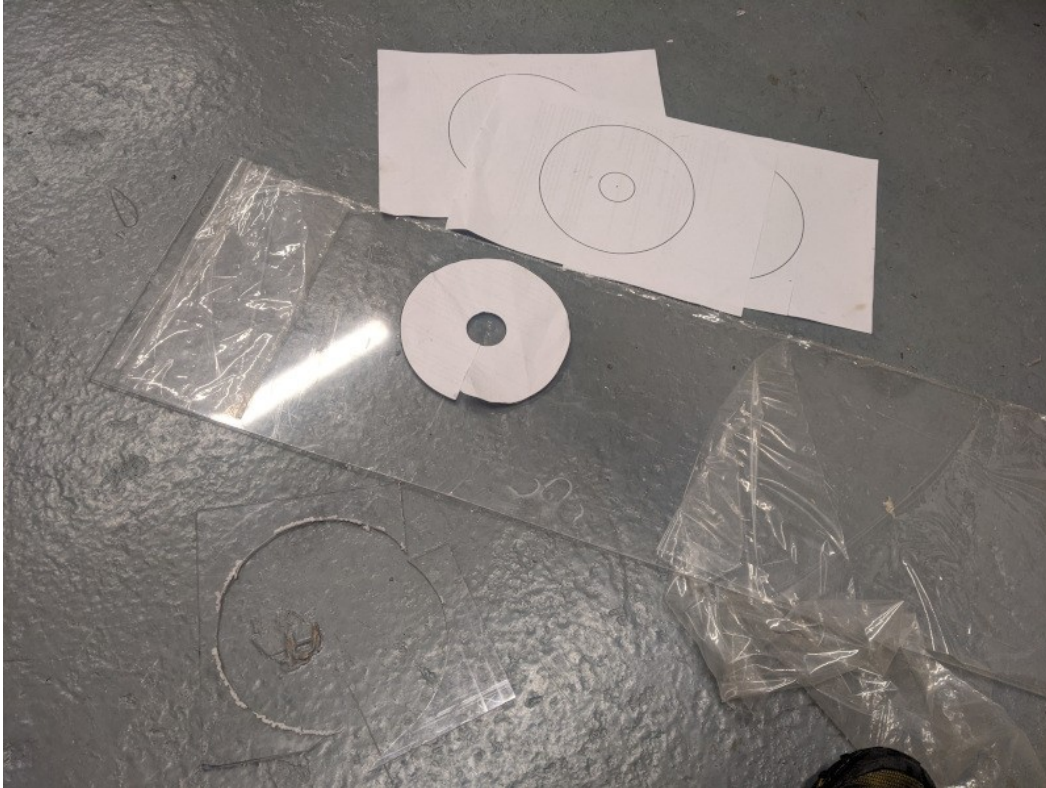
here's what we have already;



this is made from thermoplastic circles cut out with a jigsaw, softened and shaped using hot water and heat gun, then glued to the turbine shaft with silicone

we want to make and fit another 5 or 6 of these to make the screw longer and more efficient

we have the resources and tools:



this video is informative: (also on the valehydro blog post # 28 )

<https://valehydro.net/images/MakeArchimedesScrewPVCpipe.mp4>