

Geothermal Manufacturing Prize

Prepared for *Team PLUGS*

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Objective: To print several metal sparger designs with accompany orifice plates and to print a metal well head.

Anticipated scope of work: Have technician/expert print five sparger of 316L. Scan 1 sparger heads using CT machine. Print one well head out of metal.

Tasks: Print as series of plastic prototype spargers. Then print five metal sparger and five orifice plates. Print a metal well head.

Deliverables:

- 1. Print several clear polymer sparger design using SLA.**
- 2. Print five metal spargers.**
- 3. Scan one metal sparger head.**
- 4. Print one well head.**

