Title: EXPERIMENTAL INVESTIGATION OF HEAT EXCHANGER WITH FLEX PIPES

Position Ref: HX

Position Availability: 1 student

Project Description:
Water in the boiler (heat exchanger) is heated by a liquid which receives energy from a solar energy system. The heat exchanger is made of stainless flex pipes. Because of the surface condition of the flex pipe, both heat transfer and pressure drop are expected to increase. In the project, the performance of the heat exchanger using the flex pipe will be investigated.

Work Description:
- Review on the basics of heat exchangers
- Conducting experiments
- Writing a report

Required Qualifications and Skills:
- Basic knowledge on heat transfer
- Academic research and report writing skills