

Hydrasun is a recognised market leader in the provision of integrated fluid transfer, power and control solutions. We are focused on supporting the energy transition through our work in the oil and gas, renewable energy, general industrial and marine industries worldwide.

We are currently seeking a Graduate Engineer for a 12-month placement within our Aviemore based Precision Manufacturing Division. The successful Graduate will be based in our Aviemore office with a dedicated desk and IT equipment.

Support will be provided by the Divisional manager (based in Aviemore), Hydrasun engineering Manager (based in Aberdeen) and Aviemore Engineering Supervisor (based in Aviemore).

The focus of this placement will be to digitize existing drawings to implement the latest engineering standards, enhancing our processes for the future.

With over 20,000 hand drawings and 2D CAD drawings to update, the selected candidate will play a vital role in ensuring compliance with industry standards and design calculations. By utilizing Autodesk software, they will create electronic files crucial for customer integration, computer-aided manufacturing, and streamlined quotations.

Key responsibilities include generating individual end drawings, developing code within inventor software, crafting digital manufacturing drawings, and exploring the potential of 3D models in manufacturing processes.

**Placement Structure:**

1. In Week 1, we focus on Hydrasun Induction - ensuring effective onboarding, IT setup, and a clear understanding of deliverables.
2. By Month 1, we aim to identify the number of individual end drawings and calculations needed through a thorough gap analysis report.
3. Also in Month 1, the goal is to develop proficiency in using Autodesk software to create individual end drawings.
4. From Month 1 to 9, the target is to generate individual end drawings and complete design calculations in Autodesk software, ensuring approval by an independent engineer.
5. Months 6 to 10 involve enhancing the capability to produce functional parts from individual end drawings using Autodesk, supported by evidence of successful part creation.
6. Between Months 11-12, opportunities to streamline the manufacturing process by leveraging 3D Models and electronic files will be explored, with a written proposal to be issued.
7. Finally, in Month 12, the journey wraps up with a comprehensive close-out presentation being delivered.

**Organisational benefits for the graduate:**

- Induction and internal training, with a focus on Safety and IT
- Opportunity to participate in safety tours, hazard hunts and safety meetings
- Corporate gym membership
- Cycle to work scheme
- 29 days holidays (including 4 floating bank holidays)
- Flexible working options in accordance with flexible working policy

For more information regarding this vacancy please contact our recruitment team:  
[recruitment@hydrasun.com](mailto:recruitment@hydrasun.com) or 01224 618654.

In order to apply for this vacancy, please apply via our [Careers Page](#).