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| Job Title: Application Design Engineering | Manager: Tech Director |
| Department: Technical | Prepared by: WS |
| Revision Date: December 2019 | Number in this position: 3 |

The Application Design Engineering position is responsible for supporting the sales team by meeting with clients to discuss projects and carrying out design work. The focus is on providing a high level of service through accuracy, attitude, and professionalism. The engineer will provide Best Engineered Solutions to client requirements with an emphasis on premium Adveco and AO Smith products. A close working relationship with the sales team is necessary.

Essential Job Functions

* Field Sales support and customer visits.
* CPD presentations
* Application design/quotation generation including CHP, solar sizing, water heater and space heating sizing.
* Packaged plantroom design including plant layout and schematics
* Sales and customer support on product specifications.
* Technical submittals assistance.
* CAD schematic and wiring diagram generation on CHP, solar, water heater and boilers.

Secondary Job Functions

Fault Investigation and Analysis of big problems (complicated issues, or visits that need a customer friendly approach)

Cover for technical support and spares during very busy times or staff shortages

Site visits to inform installers on how to install equipment

Commissioning set ups of complicated systems

Assist with new products

**Contact**

Other Application Engineers: Constant

Sales Engineers: Daily

Service Engineers: As required

Operation Dept: As required

**Discretion**

Weekly schedule to average 2.5 days with the sales team and 2.5 days working from the desk. Free to control schedule, however two days per week should be ideally fixed as office days, with the other three days available for meetings with office based work being carried out when meetings are not scheduled. Inform the team if you will not be in office on a standard office day.

Generally free to do work in the order that suits as long as priority levels are met

**Working Conditions**

Primarily office based with occasional site visits and off site meetings

Standard working days and weeks, visits may require early mornings or overnights

Personal Requirements

Application Design Experience

Good Technical education/background

Previous experience of plant room design

Good communication skills

Patience with customers

Attention to detail

Time Management

Stress Management

Other Skills/Abilities

CRM

Microsoft programs

AutoCAD

Revit

Ability to Self Manage

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organisation.

Please send CV and covering letter for the attention of Mr W Sinclair to [marketing@adveco.co](mailto:marketing@adveco.co)