# Job Description

# **Job Title:** Actuarial Analyst

**Job Grade**: 6

**Office:** Aon Insurance Managers (Guernsey) Limited

**Reports to:** Chief Actuary

### **Overall Purpose**

Aon Insurance Managers (Guernsey) Limited (Aon) is the largest European manager of captive insurance companies and other insurance related vehicles. Aon successfully incorporated and launched Guernsey’s first rated commercial reinsurance vehicle, Kelvin Re, in 2014. In 2015 Aon developed a second rated reinsurance vehicle called Humboldt Re. This ignited unprecedented growth in a new and evolving area of the insurance industry.

Aon is now looking to recruit an Actuarial Analyst to work as part of a dedicated Actuarial team who will be responsible for the day to day management of Humboldt Re. The successful candidate will be part of an innovative team with a diverse set of responsibilities. This role will provide the candidate with an exciting opportunity to be exposed to various aspects of the actuarial field and property catastrophe modelling, whilst surrounded by talented colleagues.

Guernsey is very special. The lifestyle is great, the beaches and outdoor culture make Guernsey a perfect place to really enjoy where you live and work. Aon’s offices in Guernsey, located on the seafront, are modern and spacious and we’ve got a hugely collaborative and talented team who help make Aon Guernsey a unique and enjoyable destination for all our new starters.

**Principal Responsibilities**

Responsibility for the delivery of the following where appropriate:

1. Data Analytics – the candidate should be comfortable analyzing, manipulating and validating large data sets using tools such as SQL and R. The candidate will be the key contact point between the company and its data providers and so will need to be confident in challenging the work of others.
2. Risk Report – the candidate will assist the chief actuary in producing a quarterly risk report. The risk report will include quantitative and qualitative analytics which review the health of the company’s portfolio and its solvency position. The risk report will be will be aimed at stakeholders whom are not necessarily of a technical background
3. Post Event Analysis – in the wake of a natural catastrophe the candidate will need to promptly quantify the effect of the event on the company’s portfolio and present the results to the chief actuary and wider stakeholders
4. Outward retro pricing – the company uses Remetrica to model its portfolio. Prior experience in Remetrica or a capital modelling software is preferred, otherwise the candidate should be fluent in a coding language. During renewals the candidate will need to be comfortable working under pressure and to tight deadlines
5. Exposure monitoring – support the team in monitoring live exposures during the renewal periods
6. Credit rating agency returns – the candidate will assist the Chief Actuary in producing solvency returns preparing presentations for the rating agency.
7. Innovative development work – the team prides itself on efficiency thus the candidate should be innovative with solutions which bring about new efficiencies for the team.
8. Support of the chief actuary – the candidate will be required to support the chief actuary with all work in general

**Desired Technical Skills**

1. SQL Coding – most of the modeling data is held on a SQL database. It would be advantageous if the candidate has experience of coding in SQL and databases
2. VBA, Python, R Coding – it would be advantageous if the candidate has experience in one of these languages. The candidate would be expected to use their coding skills to develop efficiencies and bring about automation
3. Technical Actuarial Focus – the role has a technical actuarial nature thus the candidate should have an aptitude for statistics, problem solving and technical tasks. The candidate will often be asked to form views on scenarios using expert judgement and intuition.

**Desired personal skills**

1. Ability to prioritise - to be able to apply materiality to situations in and prioritize tasks accordingly
2. Quick and meticulous working – the candidate should be comfortable with ad hoc requests from key stakeholders and be able to produce the results within tight turnaround times with a good level of accuracy
3. Judgement – it would be desirable if the candidate has experience in using expert judgement in insurance / reinsurance situation. Otherwise, the ability to form general estimates will be assessed
4. To be comfortable with remote communications, i.e. holding webex meetings, presenting over a conference call etc
5. Motivation & learning – the candidate should have a thirst for learning new techniques and concepts

**Qualifications**

1. A numerate BSc degree in either Mathematics, Physics, Engineering, Natural Sciences/Meteorology etc.
2. Certification in risk modelling, progress in actuarial studies, CFA or similar. The company would support the candidate in working towards their actuarial qualification
3. An A at English Language GCSE or equivalent is essential

**Desirable Experience**

1. Experience with property catastrophe models would be a plus
2. Experience in an actuarial role is required

**Other Requirements**

1. The role is based in Guernsey and as such the candidate will need to qualify for an employment permit issued by the states of Guernsey
2. The candidate must have the right to live and work in the UK