**Mechanical/Electrical Design Engineer**  
   
**Environmental / Manufacturing**  
**Athlone**  
**Permanent**   
   
Role description   
The Mechanical/Electrical Design Engineer's key duties will be the design and construction of the Oxymem unit for deployment into the Wastewater treatment marketplace

# Key Outputs / Deliveries of the role:

* Design of Mechanical, Electrical and Hydraulic aspects of a packaged Wastewater treatment plant.
* Liaise with suppliers to ensure process equipment meets design requirements
* Interact with process engineers to ensure plant design meets the overall unit meets the custome requirements
* Designing and ensuring that all engineering documentation created as part of tasks meet the requirements of internal procedures.
* Design of product from prototype through to completion ensuring sign off from the Engineering Manager
* Ensure that design outputs comply with all relevant design codes and standards
* Undertake continuous improvement activities
* Provide technical leadership & mentoring to other members of the engineering team with respect to 3D designs, PDM utilisation, & BOM management

# All applicants must possess:

* Experience in use of problem solving techniques
* Degree in Mechanical/Electrical or other relevant Engineering
* The successful candidate will have a strong technical background and 3 years relevant postgraduate experience in industry
* Excellent materials and design skills
* Expert user of design applications i.e. Solidworks / Pro-Eng/ Autocad 3d
* Excellent communication and interpersonal skills