**JOB DESCRIPTION**

**Ref: N2508**

<table>
<thead>
<tr>
<th>Job Title:</th>
<th>Semi-Skilled Assembler for the DUNE UK project</th>
<th>Present Grade:</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department/College:</td>
<td>Physics Department</td>
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<tr>
<td>Directly responsible to:</td>
<td>Dr. Jaroslaw Nowak (PI) and Head of the Mechanical Workshop (Line Manager)</td>
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</tbody>
</table>

**Other contacts**

**Internal:** DUNE UK APA Quality Manager, other technicians in the mechanical workshop, researcher staff and PG students in the Physics Department.

**External:** Technicians working on DUNE UK project in other UK institutions. DUNE UK APA production managers. Equipment manufacturers and suppliers, service engineers and specialist contractors

**Purpose of the job**

You will be part of a mechanical and electronics technician team constructing components for a particle-tracking detector called DUNE. The job’s primary purpose will be to assemble and test the mechanical properties of the PCBs for the DUNE anode plane assemblies. The primary place of work will be at Lancaster University. You will coordinate your work with technicians working at other institutions (Liverpool, Manchester, Sussex and Cambridge) and those working at Daresbury Laboratory in Warrington.

**Major duties**

- Assembly of the PCB boards.
- Testing the mechanical properties of the PCB boards.
- Glueing and soldering wires on the electronic boards.
- Record the results of the testing in the provided software.
- Undertake where appropriate, maintenance of equipment and management of resources.
- Maintain up-to-date records of maintenance and testing of equipment.
- Ensuring any users of the laboratories comply with health and safety requirements and guidelines
- To carry out risk assessments as and when required
- To support the manufacturing and fabrication of pieces of equipment for the DUNE project.
- Support construction work at Daresbury Laboratory if requested by the line manager or the PI.
- Ensure compliance with all relevant health & safety requirements whilst undertaking duties.
- Undertake any other duties appropriate to the grade of the post as and when required by the line manager of the Head of the Department.