

**May 2019**

ROLE	Test, Repair and Product Engineer
LOCATION	Head Office, Chesham, Buckinghamshire, UK
REPORTING TO	Operations Manager
HOURS	Full time, permanent role but flexible hours
MONEY	TBD

**THE COMPANY:**

THOR Photomedicine is an emerging (35+ people, \$9M+ t/o), fast growing Photobiomodulation company. Head Office in Chesham (near NW London), UK. There is a US subsidiary based in the United States. THOR has a huge world-changing ambition and an enthusiastic, almost cult-like work place environment.

See the CEO’s speech at the United Nations (2014) to understand what THOR does; [THORlaser.com](http://THORlaser.com)

**THOR’s customers and research partners include:**

Harvard Medical School	NHS	Mark Wahlberg
Harvard School of Public Health	BUPA	Tom Cruise
Massachusetts General Hospital	British Army	Royal Children’s Hosp, Melbourne
Redskins	Royal Airforce	Utah Jazz
US Navy	Royal Navy	UFC
Phoenix Suns	Manchester United	US Airforce
Tony Robbins	Nike’s – Oregon Project	US Special Ops
University of Sydney	Arizona Cardinals	San Francisco 49ers

**CONTEXT FOR WORKING WITH THOR**

THOR helps humankind live effective, worthwhile, healthy, happy lives whilst maintaining the species and taking care of the planet we live on.

THOR’s contribution is as follows:

**MISSION**

Heal and relieve pain

**VISION**

Photobiomodulation in every department of every hospital, every doctor’s office, every home, every sport and wellness centre.

## VALUES

Our decisions and actions must work for all stakeholders:

- Customers
- Suppliers
- Employees and their families
- Shareholders
- Our community and the rest of humankind
- We will be professional, honest and fair in all our dealings

## ATMOSPHERE

We are all dedicated and excited by the benefits our product provides, we are good natured, cooperative and focused on achieving our long-term vision.

## ROLE OVERVIEW

**To work actively within the THOR production engineering and service departments and have an ability to manufacture standard product and prototypes to the expected standard. Also to be able to perform repair and calibration of THOR's past and present products. We are looking for someone to be part of the production department of the future and to who may be interested in additional responsibility in the future.**

## REQUIREMENTS

- Previous working experience as a Production or Test and Repair Engineer within a similar engineering environment
- Experience with mechanical assembly, electronic assembly and system troubleshooting.
- An ability to perform all tasks necessary to produce high quality work
- Previous experience of soldering, ideally to IPC standards
- Previous experience of test and repair to component level
- The tenacity to see complicated repairs through to completion
- Good electrical and electronic experience
- The ability to read and understand electronic and technical drawings, BOMs and technical work instructions
- The ability to read resistor values from their colour codes and identify different types of components.
- Proficient in soldering and de-soldering techniques
- The ability to understand and calculate the combined values of parallel resistors
- Ability to follow established procedures
- Good understanding of Quality Management systems
- Attend team meetings to discuss manufacturing issues and suggestions for improvement
- You will be self-motivating and able to work as part of a small team, whilst also being able to work unassisted at times
- Be computer literate for word processing and spreadsheet packages

## KEY RESPONSIBILITIES

- Assembly of standard product in accordance with the priority decided by Sales Admin
- Production of tested, excellent quality assemblies for use as finished goods
- Collaborate with the Sales Admin team to service and calibrate product in an agreed order
- Production of tested, calibrated and/or repaired product in line with THOR's QA guidelines
- Proficiency in investigating, diagnosing and repairing faults on the products for both digital and analogue circuits
- Upgrading and modification of assemblies and finished product when appropriate



- Assemble or re-assemble components accurately, thoroughly and quickly to approved specifications
- Interpretation and implementation of changes to assemblies and finished product in accordance with documentation
- Excellent attention to detail
- Assist with the writing of Test Procedures and Test Result sheets as needed
- Provide technical support when required to other sections within the Company and occasionally to customers
- Report on issues, malfunctions or defective parts
- Conserve resources and supplies to facilitate minimum waste
- Assist with the production of new product when appropriate
- Assist with the training and supervision of new staff within the Production Team when appropriate
- Any other reasonable duties deemed necessary or appropriate by your line manager or other senior staff at THOR
- Assist with the day to day smooth running of the manufacturing department

#### **PHYSICAL AND OTHER REQUIREMENTS:**

- Ability to sit and perform bench work for extended periods of time; ability to speak, read and write to a good level of English and to be an enthusiastic and cooperative team member

#### **THE COMPANY:**

THOR Photomedicine, Ltd (UK) and its wholly owned US subsidiary, THOR Photomedicine, Inc (USA) are the designers, developers and manufacturers of a broad line of Laser Therapy and Light Therapy devices sold worldwide into a variety of both human and animal therapy channels. Used primarily by doctors, nurses and therapists THOR is widely acknowledged as the leading company in this new medical field.

THOR absolutely provides fair and equal employment opportunity for all associates and job applicants REGARDLESS of race, colour, religion, national origin, gender, sexual orientation, age, marital status or disability. We hire and promote individuals solely based on their competence as it relates to the job to be filled.

Compensation is commensurate with experience.

#### **HOW TO APPLY:**

Contact Sandy Saggs, Operations Manager - [careers@thorlaser.com](mailto:careers@thorlaser.com)