

PT Service Engineer - Cyclotron

Position Title: Cyclotron Service Engineer

Position reports to: Site Manager

Company presentation

Over the past 24 months we have known an accelerated growth and to support it, we are searching for talented candidates in different regions. Particularly in Japan, we are installing 2 Proton Therapy sites one of them in Narita Hospital, located in Toyohashi City, is one of the top leading hospitals providing the advanced medical services in the region. Narita Hospital belongs to “Meiyokai” group who also runs one more hospital, clinic, nursing houses, medical check-up center and nurse school. They are pretty motivated to start the PT service as explained by the president in the video uploaded to youtube (refer to: <https://youtu.be/CHAPmkpaonw>)

Job Description

Mission

The mission of the team is to participate to the installation and calibration of the equipment on the Proton Therapy site in Toyohashi, Japan, with a specific focus on the electromechanical equipment in the Treatment Room.

As a member of the team you will ensure the highest quality of state-of-the-art technologies and services. You will become a specialist in the latest cancer treatment solutions and represent IBA with your know-how.

You work in a team of approximately 10 people, and you report to the Site Manager.

At the end of the installation, the team will be reduced to insure customer service part. As Engineer you will assure an IBA coordinator position. If you are stimulated to develop your Engineer skills in an international career, you will be a Flying Engineer or a Field Engineer in another international installation or customer service site.

Duties and Responsibilities:

As Service Engineer Cyclotron, you are responsible for:

During the installation phase (+/- 12 months)

- Participating in the installation of the IBA equipment and technical tools on the Proton Therapy site with a specific focus on the cyclotron subsystem equipment (electrical and electronics cabinets, cooling systems, vacuum systems, high and low voltage equipment, etc.)
- Performing the cyclotron subsystem calibration following procedures
- Testing and validating the equipment according to the specifications and ensuring the customer requirements are met in terms of compliance, quality, technical performance and timing
- Critically analyzing data to diagnose potential technical problems
- Collaborating intensively during the installation and commissioning phase with subcontractors to supervise the installation until the start-up of the equipment
- Troubleshooting the equipment including solving electrical and mechanical issues
- Ensuring the highest quality of state-of-art technologies and services

JOB DESCRIPTION – PT SITE



During the Customer Service phase

- Maintaining and troubleshooting the equipment
- Operating the system and providing technical support to the medical staff during patient treatment and clinical operations
- Ensuring the client requirements are met in term of technical performance, timing and safety
- Training customers
- Carrying out preventive and corrective maintenance on equipment (shift work)
- Upgrading and improving the system in collaboration with the R&D department

Profile

You have:

- A Master degree in engineering (Electronics, Electro-mechanics or Mechanics)
- Preferably a previous experience in an industrial environment
- An strong technical experience in Proton Therapy or a specific subsystem with key strengths in practical application
- The ability to troubleshoot large systems issues
- Strong written and verbal communication skills in XX and English

You also are:

- Customer-oriented
- Able to follow rules & regulations and you able to deliver on strict deadlines
- Analytical, able to identify root cause of issues
- Willing to share your knowledge in your area of expertise
- A team player with strong interpersonal skills
- Willing to travel extensively during the training period (+/- 6 months)
- A flexible person, willing to work in rotating shift work, night work and weekends (up to 50% of your time)

Interested?

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