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Thailand

PR/117611 | Optics Expert Assistant Manager

Job Information

Recruiter[JAC Recruitment Thailand](#)**Job ID**

1549465

Industry

Automobile and Parts

Job Type

Permanent Full-time

Location

Thailand

Salary

Negotiable, based on experience

Refreshed

July 22nd, 2025 07:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

No permission to work in Japan required

Job Description

Position: Optics Expert Assistant Manager

Salary: 60,000 – 70,000 THB/Month

Location: Bangpoo, Samut Prakan

Responsibilities:

- Lead and manage the optics design team across multiple projects, ensuring technical accuracy, milestone compliance, and delivery quality.
- Serve as the main customer interface for all optics-related topics—attending design reviews, handling inquiries, and aligning technical specifications and expectations.

- Define and oversee optical system architecture, simulation strategy, and validation planning in response to customer and regulatory requirements.
- Mentor and supervise optics engineers; assign tasks, conduct reviews, and support professional development.
- Coordinate closely with cross-functional teams (mechanical, thermal, electronics) to ensure fully integrated product performance.
- Lead optical simulations and validation activities using Lucid Shape, SPEOS, ZEMAX, or other tools, ensuring correlation with testing.
- Review and approve key technical documents, including simulation reports, DFMEAs, test plans, and optical performance assessments.
- Lead technical meetings internally and with OEMs or Tier-1 customers to resolve issues and align on product design direction.
- Drive continuous innovation, identify patent opportunities, and implement new simulation/design technologies.
- Establish and improve team workflows, design guidelines, simulation templates, and knowledge-sharing practices.
- Monitor and allocate team workload, resolve conflicts, and report progress to R&D leadership.
- Support customer audits, milestone reviews, and manage responses to customer change requests or issue escalations.

Qualifications:

- Bachelor's or Master's degree in Engineering (Optics, Physics, Mechanical, Electrical, or Mechatronics).
- 7–10+ years of experience in automotive optics design, with at least 3 years in a leadership or customer-facing role.
- Strong knowledge of optical design principles, lens systems, light guides, and regulatory standards (e.g., ECE, SAE, FMVSS).
- Advanced proficiency in optical simulation tools (LucidShape, SPEOS, ZEMAX, etc.) and 3D CAD (CATIA V5 / 3DEXPERIENCE, NX, or SolidWorks).
- Proven experience in direct communication with OEMs or Tier-1 customers as a technical representative or project lead.
- Solid understanding of manufacturing constraints, especially injection molding and optical material behavior.
- Excellent communication, leadership, and stakeholder management skills.
- Fluency in English (both written and spoken) is required; proficiency in Thai or additional languages is a plus.
- Open to candidates of all nationalities who thrive in diverse, multicultural engineering environments.

Notice: By submitting an application for this position, you acknowledge and consent to the disclosure of your personal information to the Privacy Policy and Terms and Conditions, for the purpose of recruitment and candidate evaluation.

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Company Description