



Join a high-performing group with a purpose: to grow a safer, cleaner, healthier future for everyone, every day.

We are hiring for **Engineer - Mechanical Design** in **Halma company HFI**

Location	Business Unit	Report to
Noida	Safety	Engineering & Technical Leader

About us

Halma is a global group of life-saving technologies companies, driven by a clear purpose. We are an FTSE 100 company with headquarters in the UK and operations in 23 countries, including regional hubs in India, China, Brazil, and the US

Our diverse group of nearly 50 global companies specialise in market leading technologies that push the boundaries of science and technology.

For over 50 years, the combination of our purpose, strategy, people, DNA and sustainable business model has resulted in **record long-term growth in revenues and profits and an increase in dividend by ≥ 5% every year**– an achievement unrivalled by any company listed on the London Stock Exchange.

Halma India fulfils the potential of the region by harnessing the diverse talents, expertise, infrastructure, and operational

We have a team of over 250 professionals representing commercial, digital and support functions across our seven offices in India, two in Bengaluru and one each in Delhi, Mumbai, Thanjavur, Vadodara, and Ahmedabad.

Halma India is an equal opportunity employer, which means the base of our recruitment decisions is always on skills, competencies, attitudes, and values. We are committed to hiring from diverse backgrounds without regard to age, ethnicity, religion, marital status, disability status, sex, gender identity, or sexual orientation.

Halma India is a Great Place to Work® certified organisation, recognised for 3 consecutive years.

Here's why working with us is fulfilling:

We offer a safe and respectful workplace, where everyone can be who they 'REALLY' are, feel free to bring their whole selves to work and use their unique talents, knowledge, expertise, experiences, & backgrounds to create meaningful outcomes.

We nurture entrepreneurial spirits and empower them to think beyond the possibilities, to discover, shape and build their own unique stories. Our diverse businesses and operations provide fulfilling opportunities to grow as individuals and make an impact.

We are simple, humble and approachable, and we believe in leadership at all levels to bring our purpose to life. Everyone at Halma India makes an impact, and so do you when you join us!





Detailed job description

About Halma company HFI

HFI combines market leading brands (Apollo, Advanced, Firetrace, FFE, Argus, Ampac & Veiga) within the fire detection and safety industry. Each brand has a unique identity, niche market presence, a distinct product range and a long, successful history. These products are manufactured globally across UK, Europe and USA. All the Halma Fire companies invest heavily in R&D and have dedicated R&D centres. HFI has its own manufacturing facility in India.

At Halma we are focused on cultivating the right environments where curious, entrepreneurial and ambitious people can think differently and work collaboratively to help us to achieve our purpose. Halma's culture reflects the collective capabilities of our people and is one of our unique strategic assets. It attracts high achievers with low egos, striving to make a positive difference in the world.

Position Objective (The purpose of role in current business/market scenario)

To excel in this role, we expect you to have strong experience in many aspects of design engineering, including computer-aided design (CAD), mechanical design, and prototyping. You will be highly experienced at producing and maintaining technical drawings for engineering teams. You will have applied your knowledge and experience to a broad range of product development projects, perhaps even including some for the fire industry.

You enjoy guiding product designs through from concept to manufacture and consider the impact of early design decisions upon the end-to-end product lifecycle.

The position is based out of Noida and requires supporting local development projects of HFI and of another Halma company in UK.

Responsibilities (KRAs / deliverables / job expectations)

- Design and creation of prototype designs in Solidworks suitable for 3D printing to support the development of products and test fixtures.
- Maintenance of engineering drawings in relation to the change control and new product introduction processes, including:
- Generating & updating 3D & 2D CAD files using Solidworks.
- Maintaining the Solidworks based company Product Data Management (PDM) repository.
- Generating & updating Legacy product AutoCAD drawings
- Providing 2D drawings (DXF, DWG, PDF) for technical file documentation.
- Providing 3D models for data exchange (STEP, STL, IGES, 3D-PDF) and importing third party models into the Solidworks PDM.
- Contributing knowledge and experience into the broader team.



<p>Critical Success factors (critical / high impact aspects of role)</p>	<ul style="list-style-type: none"> • Strong Solidworks skills in creating and modifying models, assemblies, parts and drawings. • AutoCAD experience. • Experience of modelling and documenting product mechanical designs, including space modelling of electrical and electronic assemblies from imported parts and assembly CAD files. • Familiarity with operating a PDM repository. • Familiarity with version control of models, parts, drawings and documents. • Proficient in Microsoft Office. • Experience with Jira and Cognidox desirable.
<p>Academic qualification</p>	<ul style="list-style-type: none"> • Bachelor's degree mechanical engineering or equivalent field
<p>Experience (exposure)</p>	<ul style="list-style-type: none"> • 3 to 4 years of experience in mechanical design. • Strong technical skills and knowledge of engineering principles. • Expert knowledge of AutoCAD, Solidworks.
<p>Competencies (fundamental skills and attitudes)</p>	<ul style="list-style-type: none"> • Strong data organisational skills. • Methodical work style. • Excellent attention to detail. • Good communication skills and ability to converse with personnel on all levels. • Good verbal and written communication. • Flexible response to changing priorities.

Halma India is an equal opportunity employer, which means the base of our recruitment decisions is always on skills, competencies, attitudes, and values. We are committed to hiring from diverse backgrounds without regard to age, ethnicity, religion, marital status, disability status, sex, gender identity, or sexual orientation.