**Elevator**

**Introduction**

Experienced in site verification, coordination, and supervision of elevator installation projects. Collaborated with clients and contractors to ensure smooth and compliant installation processes.

**Responsibilities**

* Verified new lift installation sites for readiness and compliance.
* Guided customers and civil contractors on pre-installation requirements.
* Monitored and ensured smooth progress of installation work.

**Projects Handled**

* **Bir Hospital** – 10 Elevators (Completed)
* **Soaltee Apartment** – 2 Elevators (Completed)
* **Dharahara** – 3 Elevators (Installation Phase)
* **Golyan Group** – 2 Elevators (Installation Phase)

**Software Used**

* AutoCAD (for layout verification and coordination)
* MS Office (reporting and documentation)
* Project scheduling tools (basic tracking of progress)

**Nilgiri Hydro Power**

The Nilgiri hydropower project is actually a complex of two run-of-river hydropower projects, Nilgiri Khola-I and Nilgiri Khola-II, located on the Nilgiri river in Myagdi, Nepal. The projects, with a combined capacity of 113 MW, are operated by [Nilgiri Khola Hydropower Company Limited](https://www.google.com/search?sca_esv=e29194d70e62ae1b&rlz=1C1GCEU_enNP1148NP1148&cs=0&sxsrf=AE3TifM5qz7e0Rqfxt2mqySeuZMcuzjkyw%3A1753955259753&q=Nilgiri+Khola+Hydropower+Company+Limited&sa=X&ved=2ahUKEwirzK_B6OaOAxXA2TgGHRCrIskQxccNegQIAxAB&mstk=AUtExfCiPyxWQaHaX5SOrMp4V8LTVYoSgq0_xTiN_XS6fMSGa8uGmvgQ6VieXShUvDzk2LOoGBrmOlz6QOEcGV4AttktGkfvHO9vEoObzio8kid4r6hSlWQDEIrE9FyKhGVuKKjF48DdHi9pcjQEp83tUAKECWCaAQg4Sbq1FCRQ_7hAgS7leBTFYmw3JblhqsvA1qxj3Te86aHR1IAO9ChCq31RfCNxJnbzz0-nItxQEFCF_HRmXocBm_uP1aTNB3l0sD7Ul2U8Cd9B0Z4hQD0m5dNQ&csui=3" \t "_blank). The project is notable for its relatively low cost per MW compared to other projects in Nepal and have been connected to national grid since 2024.

**Introduction**

Mechanical Engineer with over 4 years of experience in the hydropower and infrastructure sector, specializing in the planning, installation, testing, and commissioning of Hydromechanical (HM) equipment. Proven ability to coordinate site teams, solve technical issues, manage subcontractors, and ensure quality and timely project execution. Adept at working under pressure, maintaining documentation, and delivering results that meet project specifications and standards.

**Responsibilities**

* Involved in planning, installation, and testing of HM equipment and steel structures as per drawings and technical specifications.
* Executed planning and supervision of gantry and hoisting structure installations for Vertical Pressure Shaft systems.
* Collaborated with technical teams to resolve complex on-site issues during the testing phase of HM components.
* Handled site mobilization, coordination, and execution of project activities, including issue resolution with stakeholders.
* Supervised subcontractors for HM installation and fabrication work, ensuring quality standards and NDT compliance.
* Prepared and reviewed technical documents and inspection reports for installed components.
* Maintained proper documentation, manuals, and records related to installation, testing, and commissioning.
* Managed manpower planning during component erection and maintained positive public and stakeholder relationships.
* Regularly monitored project progress, delays, and quality benchmarks against planned schedules.

**Software Used**

* **AutoCAD** – For reviewing fabrication and installation drawings
* **MS Excel, Word, PowerPoint** – For reporting, scheduling, documentation, and planning
* **Basic Project Management Tools** – For tracking timelines, resources, and task progress

**Planning Skills**

* Developed detailed plans for the installation and testing of HM components, ensuring alignment with project deadlines.
* Scheduled manpower mobilization and resource allocation based on site readiness and project requirements.
* Monitored daily progress and ensured timely reporting of work status and issues to higher management.
* Identified potential delays and coordinated preventive measures to avoid schedule slippages.
* Maintained alignment between field execution and overall project milestones.

**Technical Skills (Optional Section)**

* Hydromechanical Equipment Installation
* Vertical Shaft Hoisting & Gantry Systems
* Non-Destructive Testing (NDT) Oversight
* Structural Steel Fabrication Supervision
* Site Execution & Coordination
* Quality Control & Inspection Documentation
* Health, Safety & Environment (HSE) Compliance

**Mid Hongu A & B Hydro Power**

The Mid Hongu Khola A Hydropower Project is a 22 MW run-of-river project located in Solukhumbu District, Province No. 1, Nepal. It's planned to utilize the Hongu River to generate electricity. The project is being developed by Apex Makalu Hydropower Limited, which acquired it from the original developers.

The Mid Hongu Khola B Hydropower Project is a 22.9 MW run-of-river project located in Solukhumbu District, Province No. 1, Nepal. It's planned to utilize the Hongu River to generate electricity. The project is being developed by Gaurishankar Power Developer Limited, which acquired it from the original developers.

**Introduction**

Experienced Mechanical Engineer with strong expertise in the design, drafting, fabrication, and installation of hydro-mechanical (HM) equipment. Proven track record in managing technical coordination, site supervision, production scheduling, and quality compliance under ISO 9001 QMS. Adept at handling both office-based design and field-level execution, with a deep understanding of turbine repair, HM component manufacturing, and project documentation. Over 4 years of experience in hydropower-related projects and equipment handling.

**Responsibilities**

* Designed and drafted HM components such as **Gates, Stoplogs, Trashracks, Penstocks**, and associated accessories.
* Reviewed design drawings and prepared detailed fabrication drawings for production.
* Coordinated with site engineers and project technical teams to ensure alignment of design and site execution.
* Supervised the fabrication and installation process of HM equipment at both workshop and project sites.
* Oversaw **electromechanical repair works**, including turbine parts and accessories, ensuring adherence to quality standards.
* Managed preparation of **manufacturing schedules** and ensured all activities met ISO 9001 QMS documentation requirements.
* Handled **shipment coordination** of fabricated components to project destinations, as per customer agreements.
* Generated **progress reports, billing invoices**, and maintained documentation throughout project execution.
* Monitored and ensured timely execution of assigned jobs within available resources and deadlines.
* Provided **overall coordination of fabrication works**, including manpower and material planning.

**Software Used**

* **AutoCAD** – For design drafting and fabrication drawing preparation
* **SolidWorks** – (If applicable) For 3D modeling of HM components
* **MS Excel & Word** – For reports, schedules, invoices, and documentation
* **MS Project or Similar** – For production and installation scheduling (if used)

**Planning Skills**

* Developed and monitored **fabrication and manufacturing schedules** in line with available resources and delivery timelines.
* Prepared **work progress reports** to track on-site and in-house production activities.
* Scheduled and monitored **repair works and equipment readiness**, ensuring timely completion and compliance with QMS.
* Coordinated logistics and shipment plans to meet project delivery deadlines.
* Maintained documentation aligned with ISO 9001 standards to support audits, compliance, and traceability.

**Technical Skills (Optional Section)**

* Hydro-mechanical Equipment Design & Fabrication
* Electromechanical Equipment Repair
* Turbine Components Supervision
* Penstock & Gate Installation
* Fabrication Drawing Review
* ISO 9001 Quality Management Compliance
* Project Documentation & Invoicing
* Shipment and Logistics Coordination
* Team and Resource Coordination