



مؤسسة الأغا خان  
AGA KHAN FOUNDATION

## **JOB OPPORTUNITY**

The Aga Khan Development Network (AKDN) is a group of development agencies with mandates that include the environment, health, education, architecture, culture, microfinance, rural development, disaster reduction, and the promotion of private-sector enterprise and the revitalization of historic cities. AKDN agencies conduct their programmes without regard to faith, origin, or gender.

The Aga Khan Foundation (Syria) seeks to employ a full-time **Water, Sanitation, and Hygiene (WASH) Engineer for the Built Environment Program** at its office in Salamieh.

### **JOB SUMMARY:**

The WASH Engineer is responsible for the technical design, field implementation, and quality assurance of Water, Sanitation, and Hygiene (WASH) infrastructure within AKF Syria's Built Environment programme. The role ensures that water supply systems, sanitation facilities, and hygiene-related infrastructure are designed and constructed in accordance with AKDN Construction Standards, national regulations, and best-practice humanitarian and development principles. Working under the supervision of WASH Lead, the WASH Engineer collaborates closely with the Planning & Scheduling Engineer, Solid Waste & Sanitation Coordinator, and Water Services Coordinator, while providing direct supervision to Field Engineers and Site Engineers. The role supports safe, climate-resilient, and community-responsive WASH solutions in both rural and urban contexts. The incumbent will report directly to the WASH Lead.

### **ROLES AND RESPONSIBILITIES:**

- Conduct technical assessments, feasibility studies, and field surveys to identify WASH needs and propose appropriate engineering solutions.
- Prepare engineering designs, drawings, Bills of Materials (BoMs), technical specifications, and cost estimates for water supply, sanitation, drainage, and hygiene-related facilities.
- Lead and supervise field implementation of WASH works, ensuring compliance with AKDN Construction Standards, national codes, environmental considerations, and health and safety requirements.
- Oversee contractor performance, verify construction quality, review work progress, certify completed works, and ensure accurate documentation of all engineering activities.
- Conduct regular field visits across multiple project sites to monitor implementation progress and identify technical deviations or risks.
- Utilize GIS tools and mapping software to collect spatial data, update geodatabases, and verify GPS coordinates for all infrastructure components.
- Review and verify executed quantities and support validation of interim and final payment documentation prior to approval.
- Coordinate closely with the Planning & Scheduling Engineer to align construction timelines, resource allocation, and workplans, ensuring efficient project delivery.
- Work with the Solid Waste & Sanitation Engineer to integrate solid waste management, sanitation improvements, and water-service functionality into design and implementation.
- Coordinate and support the integration of WASH components into public infrastructure such as schools, health facilities, community centers, and other public institutions, ensuring institutional needs are met and facilities are sustainable and accessible.

- Promote safe hygiene and sanitation practices by supporting the development of user-friendly facility designs, ensuring gender-sensitive and accessible solutions, and coordinating with hygiene promotion teams to reinforce behaviour-change activities.
- Ensure that sanitation facilities, handwashing stations, and waste-management systems are designed and located to maximize safety, dignity, privacy, and accessibility for all users, including women, elderly people, and persons with disabilities.
- Engage communities in the proper use, operation, and maintenance of sanitation and hygiene facilities, and provide technical guidance on best practices for safe waste disposal, latrine hygiene, and household water safety.
- Monitor water quality, support water treatment processes, and contribute to environmental health risk mitigation.
- Provide technical guidance and daily supervision to Field Engineers and Site Engineers, ensuring clear task allocation, mentorship, and adherence to quality standards.
- Support procurement processes by preparing technical inputs for tenders, reviewing contractor bids, and contributing to technical evaluations.
- Conduct regular field visits, document findings, recommend corrective actions, and support reporting for internal and donor requirements.
- Ensure community engagement during planning, implementation, and operation and maintenance (O&M) phases, supporting the establishment of local management structures.
- Contribute to the development of technical guidelines, standard operating procedures (SOPs), and tools for improved quality and consistency of WASH interventions.
- Assist the WASH Lead in technical contributions to proposals, budgets, and concept notes related to WASH components.
- Ensure that WASH designs and implementation approaches integrate accessibility, gender considerations, environmental sustainability, and climate-resilience principles.

### **QUALIFICATIONS AND REQUIREMENTS:**

- The applicant must have a Bachelor's degree in Civil Engineering, Water Resources Engineering, Environmental Engineering, or a related field.
- Minimum of 3–4 years of relevant experience in WASH engineering, construction management, or infrastructure development in humanitarian or development contexts.
- Proven experience in designing and supervising water supply systems, sanitation facilities, and related infrastructure.
- Knowledge of local construction standards, engineering norms, and national regulatory frameworks.
- Familiarity with AKDN Construction Standards is an asset.
- Proficiency in engineering design software (e.g., AutoCAD, EPANET, GIS tools) and strong skills in estimation and quantity surveying.
- Demonstrated experience in contractor supervision, field monitoring, and technical reporting.
- Strong organizational, communication, and teamwork skills, with the ability to coordinate across multidisciplinary teams.
- Good analytical, problem-solving, and documentation skills.
- Fluency in Arabic and good command of English, both written and verbal
- Understanding of climate-adaptation principles, water efficiency, and safe habitat approaches in the Syrian context is an advantage.

**Safeguarding Commitments:**

AKF (Syr) is committed to maintaining the highest standard of ethical behaviour among its staff, representatives, and partners to make sure of do no harm of the beneficiaries and whom dealing with. In line with this commitment; the incumbent to this position must adhere to the AKF (Syr) Code of Conduct and the relevant Safeguarding policies.

Interested male and female applicants are required to apply exclusively via this [Link](#)

Please note that applications submitted through any other platforms will be excluded directly.

**Deadline for application submission is Thursday March 12<sup>th</sup> 2026.**

**Only shortlisted candidates will be contacted.**

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