

# SAHIJUL ISLAM



📍 Doha

🌐 Indian

☎ +974 3390 8141/+917384118407

🚗 Qatari Light Vehicle

✉ islamsahijul099@gmail.com

🌐 <https://www.linkedin.com/in/sahijul-islam-1b77725a>

## WEBSITES, PORTFOLIOS, PROFILES

<https://www.linkedin.com/in/sahijul-islam-1b77725a>

## PROFESSIONAL SUMMARY

Highly skilled land surveyor with extensive experience in advanced land surveying, Oil & Gas, EPC & Infrastructure, Fuel Gas pipeline Project and High Raise Buildings, civil construction surveys. Demonstrates proficiency in AutoCAD, Civil 3D, and GPS (RTK) for high-accuracy measurements and minimal errors. Adept at coordinating with engineers and contractors to ensure timely completion of projects while adhering to safety and regulatory standards. Proven track record in project leadership, team management, and maintaining accurate project documentation. Committed to overcoming challenges and resolving discrepancies to achieve optimal project outcomes. Career goal: To leverage expertise in land surveying and project management to contribute to large-scale infrastructure projects.

## Work history

Senior Land Surveyor – Oil & Gas, EPC & Infrastructure Projects  
**Medgulf Construction Company**, Ras Laffan, Qatar (07/2021to Present)

### Key Projects:

- **Helium Project**– Oil & Gas Plant Facilities
- **10.2 km Fuel Gas Pipeline**– Transmission Corridor & Associated Infrastructure

### Core Responsibilities & Achievements:

- **Survey Control & Layout:** Established and maintained primary and secondary control points using GPS, total stations, and digital levels for high-accuracy positioning across large-scale project sites.
- **Helium Project Facilities:** Executed precise layout and level setting for **pipe racks, retention ponds, pipe sleepers, duct banks, drainage networks, internal road networks, chemical & sulfur tank foundations, pits, manholes, and dyke walls** in compliance with IFC drawings and project specifications.
- **Pipeline Project Execution:** Managed route alignment, corridor marking, and trench excavation layout for **10.2 km fuel gas pipeline**, including **pipe loading, alignment verification, and as-built surveys** for all sections.

- **Crossing & Non-Crossing Zones:** Interpreted engineering drawings to define **crossing areas (road, drainage, utilities) and non-crossing areas**, ensuring adherence to statutory requirements and construction safety protocols.
- **Specialized Works:** Supervised and surveyed **micro-tunneling construction, trial pits, and utility detection** to avoid clashes and optimize construction sequencing.
- **As-Built & Documentation:** Conducted as-built surveys for structural and pipeline works, prepared **CAD drawings, survey reports, and progress documentation** for client submission and final handover.
- **Coordination & Compliance:** Collaborated with civil, structural, mechanical, QA/QC, and safety teams to ensure alignment, quality, and HSE compliance throughout all construction stages.
- **Mentorship & Team Leadership:** Provided technical guidance to junior surveyors, monitored work quality, and ensured efficient use of survey equipment and resources.

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**Senior Surveyor**, 09/2019 - 07/2021

**Sacyr – Medgulf JV**, Doha, Qatar

- Led survey operations for roads, infrastructure, and utility projects under the South of Al Meshaf LRDP
- Managed survey tasks for road alignments, grading, drainage systems, and utility corridors
- Conducted quality assurance checks and resolved discrepancies between field conditions and design plans

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**Senior Surveyor**, 09/2018 - 09/2019

**Hyundai Rotem Company**, Al Khor, Qatar

- Supervised surveys for Al Dhakaria Sewage Treatment Works and associated pipelines
- Provided layout surveys for treatment plant structures, pipelines, and pumping stations
- Conducted as-built surveys and ensured quality assurance across all survey data

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**Land Surveyor / Site Supervisor**, 02/2016 - 05/2018

**Universal International Group**, Doha, Qatar

- Led surveys for high-rise buildings, Hilton Hotel, and luxury villas, ensuring compliance with design plans and client specifications
- Managed layout and alignment for critical site infrastructure, including drainage systems and utilities

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**Surveyor**, 10/2014 - 01/2016

**Navayuga Engineering Company WLL**, Doha, Qatar

- Supervised surveys for piling, shoring, excavation, and dewatering systems for various infrastructure projects
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Surveyor, 01/2012 - 09/2014

Prasad & Company, Chennai, India

- Conducted precise surveys for a Thermal Power Plant project, including conveyor belt alignment, crusher house construction, and site preparation

## SKILLS

- Advanced land surveying
- Pipeline alignment
- Civil construction surveys
- Structural construction surveys
- Road construction surveys
- Oil & gas
- Pipeline construction
- Infrastructure
- Utilities
- Roads
- Civil construction
- AutoCAD 2022
- Civil 3D 2021
- GIS tools
- Total Station
- GPS (RTK)
- Auto Levels
- Laser Scanners
- Survey team leadership
- Coordination with engineers
- Coordination with contractors
- Project timeline management
- Safety standards
- Regulatory standards
- High accuracy
- Minimal errors
- Timely completion of surveys
- Resolving discrepancies
- Overcoming challenges
- QA/QC standards
- Collaborating with cross-functional teams
- Maintaining accurate project documentation
- Strong understanding of civil design principles
- Strong understanding of structural design principles
- Strong understanding of construction methods
- Strong understanding of industry regulations
- Written and verbal communication
- Construction risk management

## EDUCATION

*Calcutta Engineering college, West Bengal, India, 07/2009 - 06/2012*

**Diploma of Higher Education: Civil Engineeringg**

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*East India Technical & commercial Survey Institute, West Bengal, India , 01/2009 - 12/2011*

**Diploma of Higher Education: Higher Surveying Certification**

*Infocus Training Centre , Al Wakhra, Qatar, 12/2021 - 03/2022*

**Certificate of Higher Education: Auto CAD Civil 3D**

## CERTIFICATIONS

- Survey with AutoCAD (2 Years), E.I.T & C.S.I Bardhaman, West Bengal, 2009
- Senior Land Survey under NCVT, 1st Division, 2010

## LANGUAGES

**English:**

Fluent

**Bengali:**

Native

**Hindi:**

Fluent

**Arabic:**

Intermediate

## PERSONAL INFORMATION

- Passport Number: V2244048
- Date of birth: 02/08/85

- Gender: Male
- Nationality: Indian
- Marital status: Married
- Religion: Islam

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**CUSTOM**

I, Sahijul Islam, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.