

SPECTRA GROUP

About Spectra Group



Spectra Group started its journey in 1981, with formation of “Reza Construction” which was later renamed as **Spectra Engineers Limited**, the Flagship Company of the group

Delivering results through
Quality products & services by
adherence to high ethical
standards

Mission

Vision

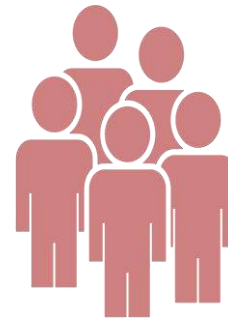
To be the leader in every
segment of our businesses
within the country &
compete globally



Currently Employed

Approximately 3500

In different projects



Under process of Job Creation

Approximately 1500+

More Direct & Indirect Jobs

GROUP BUSINESS

- **Civil Constructions**: Roads, Buildings, Flyovers, Bridges, Power Plants (Civil), Land Development, Construction of Dyke etc.– TOTAL CIVIL SOLUTION
- **Electro-Mechanical** : Installation of Sub-Station & Generator, HVAC, Fire Hydrant & Fire Detection, Lift & Escalator and Ventilation Work
- **Real Estate**: Residential and Commercial Building, Land Development
- **Medical Sector**: Equipment – Medical Gas Pipeline, PSA Plants,
- **Marine Division**: Dredging and POL (Petroleum, Oil, & Lubricants) Transportation

EXPERTISE & SERVICES



Road Construction



**Bridge/Flyover
Construction**



Building Construction

EXPERTISE & SERVICES



Civil Works for Power Plants



Dredging



**Renewable Energy, Independent
Power Producer**

COMPLETED PROJECT

Bangabandhu Military Museum, Dhaka



COMPLETED PROJECT

Bangabandhu Military Museum, Dhaka



COMPLETED PROJECT

Bangabandhu Military Museum Project, Dhaka



COMPLETED PROJECT

Bangabandhu Complex, Bangladesh Naval Academy, Chattogram.



COMPLETED PROJECT

Bangabandhu Complex, Bangladesh Naval Academy, Chattogram.



COMPLETED PROJECT

Bangabandhu Multipurpose Complex at Bangladesh Military Academy, Chattogram



Bangabandhu Satellite Project- Satellite Ground Station



Bangabandhu Satellite Project-Satellite Ground Station

An Engineering Solution Providing Entity expertise in,

- Design & Engineering Solution
- Construction

SIL had partnership with several foreign entities to collaborate on various diversified projects,

- ❑ Strategic partner of Thales Alenia Space, France.
- **Project:** Bangabandhu Satellite Launching Project-1 under BTRC, Ministry of Posts and Telecommunications.
- ❑ Local Associate of Thales Alenia Space, France
- **Project:** Turn-key project of two ground stations at Gazipur and Betbunia.



COMPLETED PROJECT

Father of the Nation Bangabandhu Sheikh Mujibur Rahman Highway, (Package-01), Dhaka-Khulna (N8)



COMPLETED PROJECT

Father of the Nation Bangabandhu Sheikh Mujibur Rahman Highway, (Package-01), Dhaka-Khulna (N8)



COMPLETED PROJECT

**Father of the Nation Bangabandhu Sheikh Mujibur Rahman Highway, (Package-01),
Dhaka-Khulna (N8)**



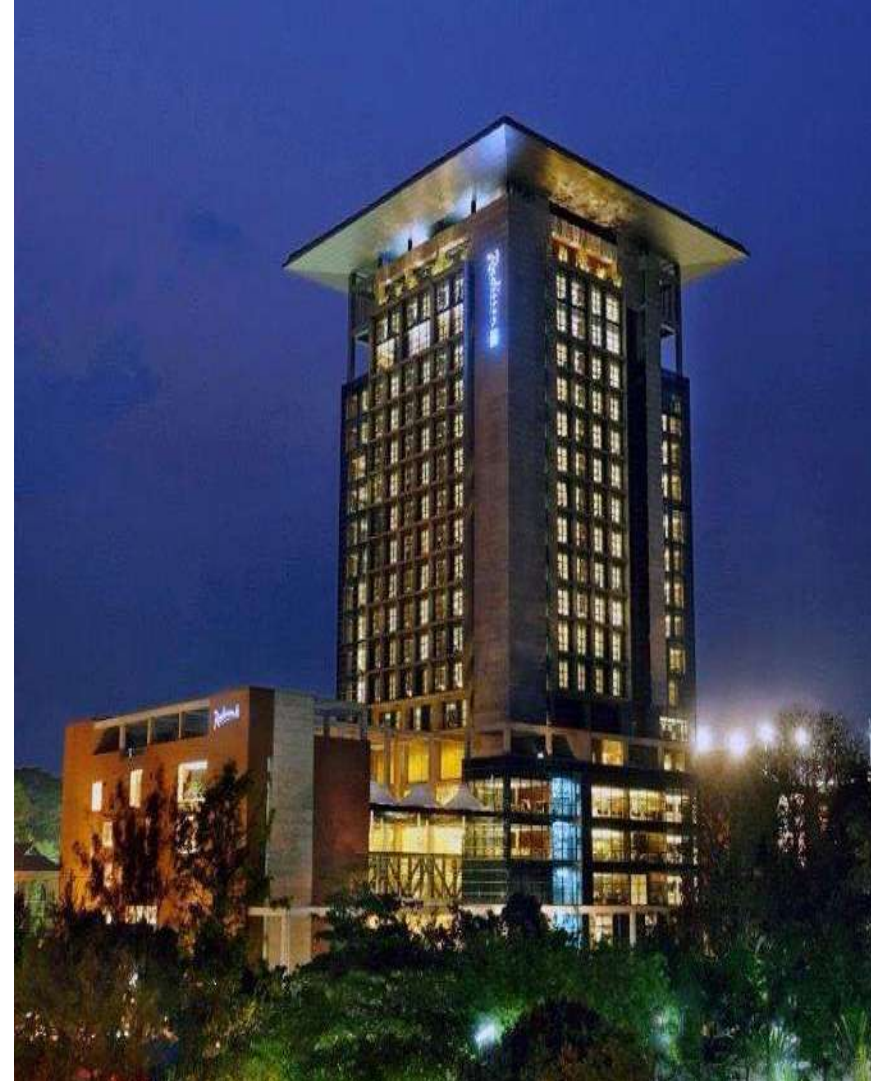
COMPLETED ROAD PROJECT

Father of the Nation Bangabandhu Sheikh Mujibur Rahman Highway (Sylhet-Bholagonj Road)



COMPLETED PROJECT

Construction of 20-Storeyed (with 5 Podium & 2 Basement Floors) Radisson Bay View Hotel Project, Chattogram



COMPLETED HIGHWAY PROJECT

4 –Laning of Dhaka-Chattogram Highway Project Contract Package No. 07





SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

24/7 Support



Maintenance Team Support (MTS) is the core pre-requisite to be the market leader in Medical Gas Pipeline System (MGPL).



MTS is one of the greatest strength of SIL. SIL has 24/7 stand by Maintenance Team who are always ready to move to every corner of the country whenever they are needed.



SIL has in house training center by which, SIL is capable to provide training to its Maintenance team and Project Technicians.



Every year SIL ensures foreign training for its team with coordinating its foreign partner Pneumatech.



SPECTRA INTERNATIONAL LIMITED



SPECTRA INTERNATIONAL LIMITED

Broad Activities include:

- Owns and Operates Oil Tanker for Petroleum, Oils & Lubricants Transportation
- Construction Business- Medical Gas Pipeline, PSA Plants, etc.
- Involved in Medical Health Care Sector, High-tech Technology support to Defense services, Energy & Gas Sector and Logistics, among others
- Provide logistic and turnkey supply supports as outsource partner for Government, Multinational, Overseas or local entrepreneurs in Bangladesh





SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

Turn-key Solution Provider

- ❑ Country representative and specialized Local Associate of Wasco Energy (GSI), Singapore (2006-2017)

Project:

- Gas Booster Compressor Rental Services
- Bakhrabad Gas Field of BGFCL under Petrobangla



- ❑ Wasco Energy (GSI), Singapore (2010-2012)

Project:

- EPC Supply & Installation of Gas Booster Compressors
- Mymensingh Power Plant
- Under Rural Power Company Limited, Ministry of Power.

- ❑ Local Associate of Cairn Energy, UK (2008-2011)

Project:

- On Shore 3 Years Rental Gas Booster Compressors
- Sangu Gas Field in Chittagong.





SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

Oil Transport Tanker & River Dredger

SIL is new in the Marine division. Till now it has managed to include the following Tankers in its deposit to transport Oil for its clients.

Marine Division



River Dredger

List of Water Transport Tankers

Sl.	Name of Tanker	Reg. No.	Capacity
1	O.T ZAFIRA	M-13064	900MT
2	O.T ZARMINA	M-13065	900MT
3	O.T TALMAH	M-9817	900MT
4	O.T ZAWAD	M-9877	900MT
5	M.T ALVERRA	C-1898	2000MT

Clientele

- Padma Oil
 - Jamuna
- Under BPCL corporation



SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

Experience around 3 decades

- ❑ SIL established its own identity by creating its stronghold in the Health Care Division.
- ❑ SIL has gathered ample and exclusive experience in these sectors by working in collaboration with some world-renowned organizations in various sectors.
- ❑ In about three decades SIL has completed more than 160 MGPL projects. Among them the major one's are mentioned below:





SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

Product & Facilities

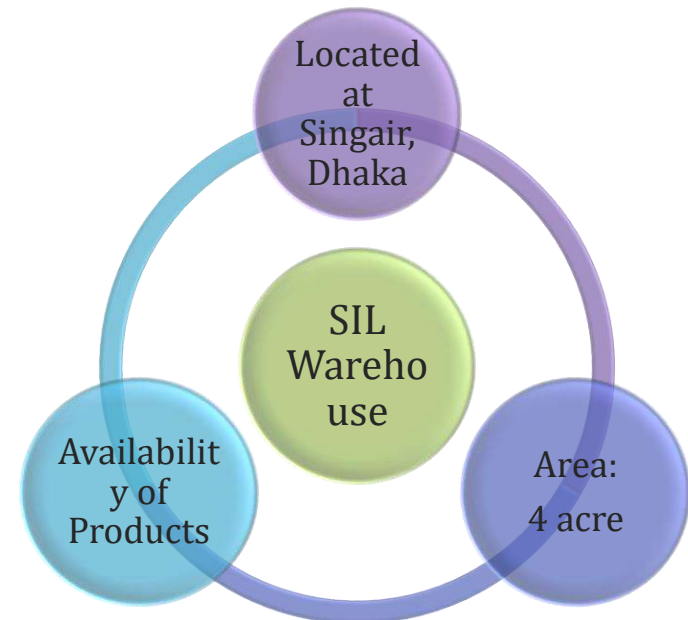
MGPL Products:

Central Medical Gas Pipeline System:

- PSA Oxygen Concentrator
- Manifold Control System with Auto Control Panel
- Medical Vacuum Plant
- Medical Compressed Air Plant
- Medical Gas Pendant
- Medical Gas Alarm
- Bedhead Trunking System

- Waste Anesthetic Gas Scavenging System
- Oxygen Therapy & Suction Unit
- Hospital Furniture
- Turnkey Hospital Project
- Incinerator

Warehouse Facilities:





SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

Product & Facilities

Our Completed PSA Projects (Customer-wise)

- ICMH Matuail
- NITOR (Pangu Hospital)
- CMH Dhaka
- Gopalganj District Hospital
- Sk Abu Naser Specialized Hospital, Khulna



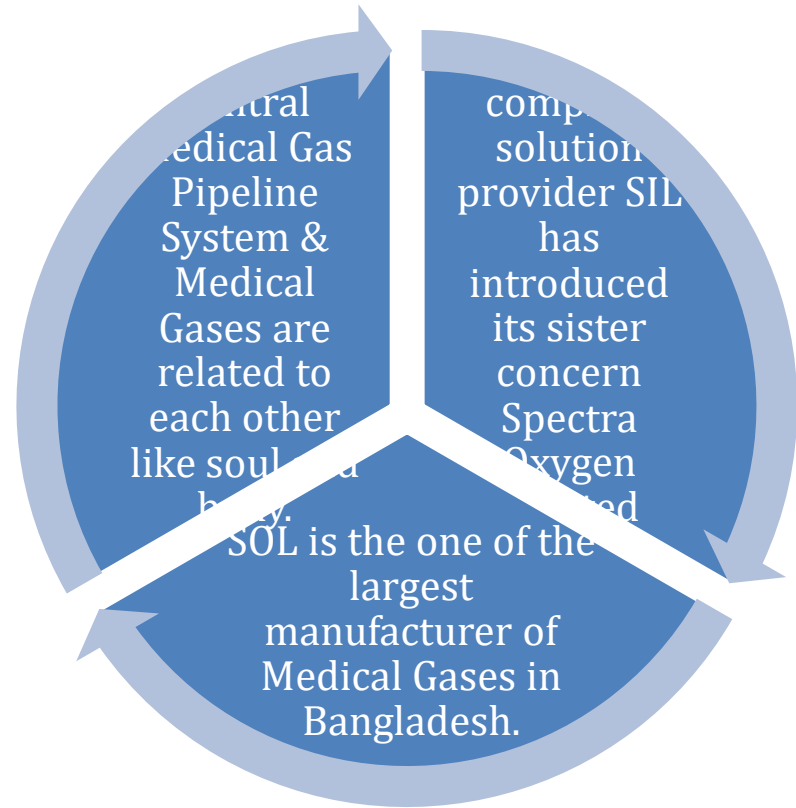
Typical Duplex PSA Plant with
Booster Pump



SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

**A Complete
Solution
Provider**





SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

A Spinoff of SIL

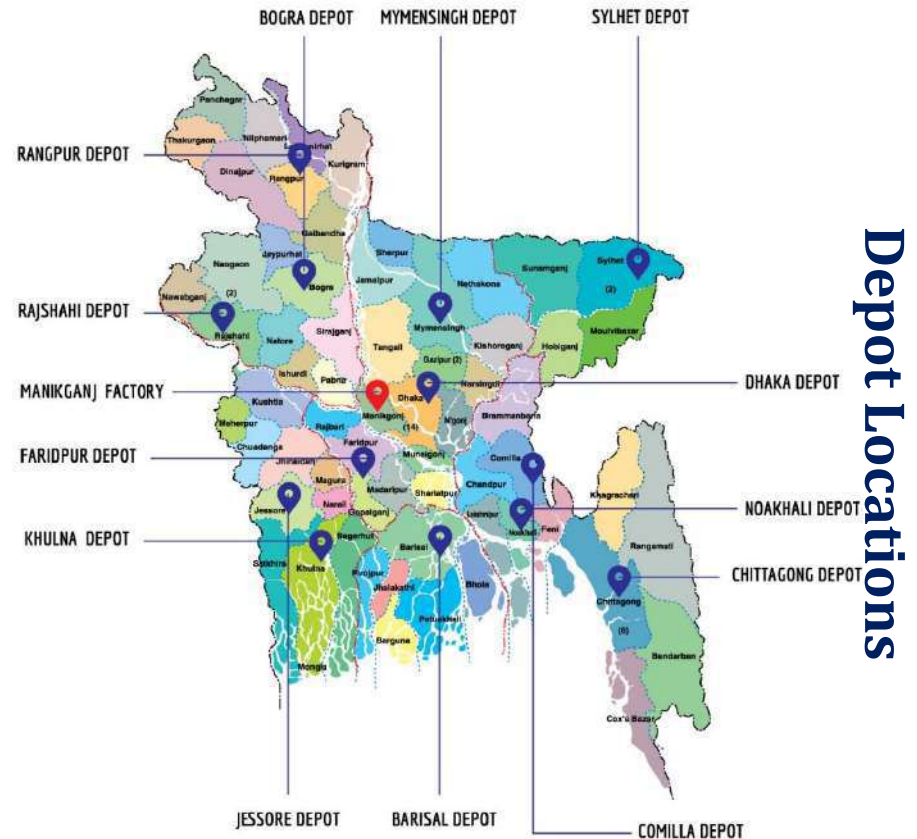
Medical Gas Supplier

SOL has set up its base in Manikganj where its Factory is located, along with 4 Filling station and 13 Distribution center to supply Medical Gases uninterruptedly through-out the country.

Types of Medical Gases:

- ☐ Medical Oxygen
- ☐ Medical Air (Compressed Air)
- ☐ Nitrous Oxide
- ☐ Carbon-di-oxide

- SOL initiated its Commercial operation in 2009.
- Since 2011 SOL was contracted with CMSD under the Ministry of Health & Family Welfare to supply Medical Gases to All Govt. hospitals nationwide





SPECTRA INTERNATIONAL LIMITED

SPECTRA INTERNATIONAL LIMITED

MGPL: Medical Gas Pipeline System

MGPL System is the infrastructure in a hospital that enables continuous and uninterrupted supply of Medical Gases and assures highest safety of the Patients.



Hassle
free
Managem
ent



Uninterru
pted Gas
Supply



No Gas
crisis -
No Death

**State of the Art and An
Uncompromised Technology**



SPECTRA OXYGEN LIMITED

Spectra Oxygen Limited



Principal Activities Revolves around Producing and Distributing:

- Compressed Air, Medical Nitrous Oxide (N₂O),
- Nitrogen (N₂), Carbon Dioxide (CO₂), Helium (He)
- Medical Oxygen (O₂),
- Hydrogen (H₂),
- Dry Ice (Card ice)





SPECTRA OXYGEN LIMITED

Spectra Oxygen Limited

Factory view



SPECTRA PROPERTIES LIMITED



Spectra Properties Limited

Principal Activities Involve:

- Land Development
- Design
- Construction of Apartment
- Commercial and Industrial Building



SPECTRA PROPERTIES LIMITED



Major Completed Projects:

- Spectra Tulip at Niketan, Gulshan-1, Dhaka
- Spectra Anwara at, Lalmatia, Dhaka
- Spectra Chandrima Shahar Khilgaon, Dhaka
- Spectra Carnation at Uttara, Dhaka.
- Spectra Veronica at Uttara, Dhaka.
- Spectra Jasmine at Banasree, Dhaka.

Major On-going Major projects:



Spectra Rose at Pallabi, Dhaka



Spectra Shyamolima
at Shyamoli, Dhaka.



Spectra Mursheda
Samad at
Banglamotor, Dhaka.

RECOGNITION



On 20 November 2019 Mr. Khan Md. Aftab Uddin, Chairman, Spectra Group is receiving CIP Industrial Card 2017 from the Honorable Minister of Industries Nurul Majid Mahmud Humyun, who was the chief guest at the event organized by the Ministry of Industries in the industrial services sector for his significant contribution to the country's economy.

RECOGNITION



Mr. Khan Md. Aftab Uddin, Chairman of Spectra Group is receiving the President's Industrial Development Award 2016 from Honorable President Mr. Md. Abdul Hamid for recognition of his significant contribution to the country's economy.

RECOGNITION



On 19 February 2017 Mr. Khan Md. Aftab Uddin, Chairman, Spectra Group is receiving CIP Industrial Card 2015 from the Honorable Minister of Industries Amir Hossain Amu, who was the chief guest at the event organized by the Ministry of Industries in the industrial services sector for his significant contribution to the country's economy.

RECOGNITION



On 13 September 2018 Mr. Khan Md. Aftab Uddin, Chairman, Spectra Group is receiving CIP Industrial Card 2016 from the Honorable Minister of Industries Amir Hossain Amu, who was the chief guest at the event organized by the Ministry of Industries in the industrial services sector for his significant contribution to the country's economy.

RECOGNITION



Mr. Khan Md. Aftab Uddin, Chairman of Spectra Group is receiving the Gunijan Award 2017 from the President of Manikganj Sahitya & Sanskritik Parishad in recognition of his outstanding contribution to social service.

শিল্পমন্ত্রী বাংলাদেশ সরকার
শিল্প মন্ত্রণালয়

সিআইপি (শিল্প)-২০১৫ এর কার্ড বিতরণ অনুষ্ঠান

প্রধান অতিথি : জনাব আমির হোসেন
বিশেষ সিনিয়র সচিব জনাব মোস্তাফিজুল মাতলুব আলী
সভাপতি জনাব মোশাররফ হোসেন

এমপি, মাননীয় বঙ্গোপসংসদ
এক্সিকিউটিভ ডিরেক্টর
এক্সিকিউটিভ ডিরেক্টর

শিল্প



19.02.2017 18:05



19.02.2017 18:01



RECOGNITION

MEMBERSHIP

Membership Certificate



BANGLADESH ASSOCIATION OF CONSTRUCTION INDUSTRY

House No. 43 (3rd floor), Road No. 16, Dhanmondi, Dhaka-1209, Bangladesh. Tel: +88-02-9122703, 9134418, Fax: +88-02-8119353, Email: info@baci-bd.org, Website: www.baci-bd.org.
DTO Licence No. : 88 under the Ministry of Commerce, Government of Bangladesh

This is to certify that

Spectra Engineers Limited

is a GENERAL MEMBER of the

Bangladesh Association of Construction Industry

Reference No. : BACI/CER/14/014

Membership No. : GEN/025

Issued on : 01st January, 2014

Valid up to : 31st December, 2014

Engr. Aftabuddin Ahmed
President



Engr. Munir Uddin Ahmed
Director Admin

RECOGNITION



RECOGNITION



The internationally recognized membership association working with companies to raise their anti-bribery compliance standards

THIS CERTIFIES THAT

Spectra International Limited

HAS COMPLETED A TRACE BACKGROUND REVIEW

AND IS A MEMBER IN GOOD STANDING

May 1, 2011 - April 30, 2012

A stylized, handwritten signature in black ink, appearing to read "Alexandra Wrage", positioned above the name of the president.

ALEXANDRA WRAGE, PRESIDENT



HEALTH, SAFETY AND ENVIRONMENT (HSE)



HEALTH, SAFETY AND ENVIRONMENT (HSE)



HEALTH, SAFETY AND ENVIRONMENT (HSE)



CORPORATE SOCIAL RESPONSIBILITY (CSR)

K. Ali Khan Bhaban, Nali Bararia Krishna Chandra High School, Manikganj

