



The Trusted Textile Chemicals



MEMBER OF



Bangladesh Export
Processing Zones
Investors Association



Bangladesh German
Chamber of Commerce
& Industry





PICTURE OF GCL MANAGEMENT & FACTORY STAFF



SOME PICTURE WITH FOREIGN DELGATE

German Chemicals Ltd.
Dhaka Export Processing Zone (DEPZ)
Under BEPZA, SFB-7 (Ground Floor)
Ganakbari, Savar, Dhaka-1349, Bangladesh

Head Office
House No.-168 (1 st floor), Road No.-23,
Mohakhali-DOHS, Dhaka-1212, Bangladesh

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& Industry



COOPERATION
BETWEEN THE
FEDERAL REPUBLIC
OF GERMANY
AND THE
PEOPLES' REPUBLIC
OF BANGLADESH

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EXECUTIVE SUMMARY

The founder, Mr. Md. Badiul Alam, laid the foundations for his textile supply business in 2004. He could never have imagined the size and international significance that the company would one day achieve in the now more than 16 years. But there was something clear from the very beginning: only the highest possible level of customer service and close cooperation in the development of new products would lead to success. Still today, these are the values which shape our company culture and which must be preserved above all.

We always rely on our employees. It is only thanks to their commitment that we have been able to grow our company so successfully. At the same time, they remind us of the huge responsibility that we have to people and to the environment with our products. "

Often criticized chemistry, and thus also the chemical industry, have become an integral part of our world - that's a fact. It is therefore all the more important to take concepts such as sustainability, environmental protection and social responsibility seriously. New paths should be explored with the awareness that not everything that is technically possible is also advisable - and at the same time, the focus must be on the appreciation of people in a new era. "

German Chemicals Ltd. is one of the largest 100% export oriented Textile Auxiliaries Chemicals industry located in Dhaka Export Processing Zone (DEPZ), Ganakbari Savar, Dhaka, Bangladesh, established in 2004 Under Bangladesh Export Processing Zone Authority (BEPZA). More than 100 staffs are working at this moment. German Chemicals Limited earns foreign exchange and generates income for the government in terms of wage earning of a plant for the production of chemicals. After 16 years of successful operations, **GERMAN CHEMICALS LTD.** is the largest textile chemical producer is acknowledged as a significant driver of socio-economic development, both for individuals and the nation. GCL always provide seamless services with competitive advantages. GCL is committed to be your indispensable source of one-point solution. To acquire by purchase or otherwise the assets of the going concern known as M/S. German Chemicals together with license good will thereof, its present address (SFB-7 Ground floor Dhaka Export Processing Zone (DEPZ) under BEPZA, Ganakbari, Savar, Dhaka-1349). The company was incorporated on April 13, 2008 under the Act 1994 with the object of

providing humble services to the customers and obtained the Certificate of Commencement of Business from the Registrar of Joint Stock Companies. The business segment "Textile Chemicals" develops manufactures and sells tailor-made textile auxiliary formulations for the industrial bulk consumer of the textile finishing industry. These auxiliaries are mainly used in retreating, dyeing and finishing processes and are optimized according to the process- and effect-specific requirements of individual process steps. This special "know how", combined with an extensive service from German Chemical, enables customers to reduce process costs, to increase quality and to further expand their technological lead.

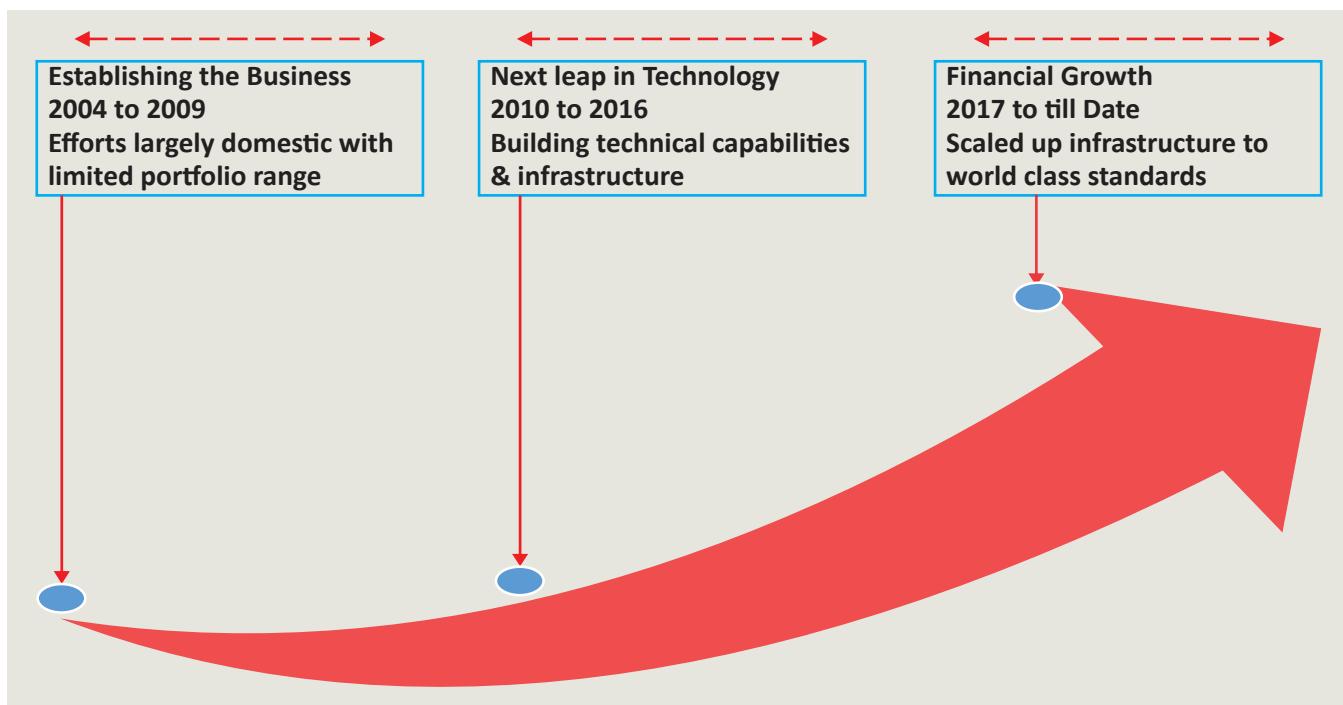


The **GERMAN CHEMICALS LIMITED (GCL)** sees itself as a global service provider for the whole textile industry. 100 GCL employees work at developing innovative products to contribute to our customers' success, many of whom belong to different industries. Even the smallest details are developed together by an exchange of experience to be able to combine and reflect the requirements of a wide variety of cultures. This enables us to convey our strict rules and regulations as part of a personally created value chain, even in which people take liberties with environmental protection and sustainability.

Similarly, we also react to people's particular needs on site in that we ensure that our measures are also implemented in these production facilities and laboratories, faithful to the motto:

OUR JOURNEY

Having started a venture 16 years ago, today we are privileged to be a founding member of one of the most competitive chemical company with emphasis on efficiency in operations, reliability for customers and trust on sustainable development. For us, sustainability means aligning economic success with environmental and social responsibility. In the last few years the German Chemicals Limited faced a series of prolonged crises. These crises allowed us to gain invaluable experience and guided us to newer avenues. We would like to thank our employees, customers, suppliers and other stakeholders, for their dedication and support. We are committed to improving the efficiencies in our operations and differentiating ourselves in the market-place through customer focused innovation in product and services, so as to build a stronger and sustainable future for our Company and our associates.



Evolution of German Chemicals Limited from an infant to a leading player is result of a well-crafted strategy.



ABOUT GERMAN CHEMICALS LIMITED.

GERMAN CHEMICALS LTD. is one of the biggest 100% export oriented Textile Auxiliaries Chemicals industry located in Dhaka Export Processing Zone (DEPZ), Ganakbari Savar, Dhaka, Bangladesh, established in 2004 Under Bangladesh Export Processing Zone Authority (BEPZA).

To give brief sketch of our company's resumed that GERMAN CHEMICALS LTD. is providing world-class Textile Auxiliaries with the co-operation of "ARCHROMA" (Switzerland), RUDOLF CHEMIE" (Germany), "INTERSAC" (Canada), "SIAM PRO DYECHEM GROUP" (Thailand), "SIAM TAKAMATSU CO., LTD". (Japan) in Bangladesh market and we have sold lots of quantities to different Dyeing, Printing, Finishing, & Washing plant. Our customers are reputed Textile Industries of Bangladesh.

We are the biggest ready stock Textile chemical company in Bangladesh. We have our own "Technical team" to give you the best support. We have a Factory with big Ware House in "DEPZ" under BEPZA. Our head office is situated at SFB # 07 Ground Floor, DEPZ under BEPZA, Ganakbari, Savar, Dhaka.



Vision Our Motto "Value Added Effective Services" is focused towards providing our best to the clients to enhance their productivity and profitability.



Values Make it easy. Be inspiring Keep PromisesBe Respectful



WHAT CAN WE DO?

- Offer cost effective Textile Chemicals
- Super Customer Support
- Never a sacrifice on Quality
- Faster delivery than the competitor
- Lab services are always available
- Support is a phone call away
- Insurance through quality control



EXPERIENCE & EXPERTISE

We are highly experienced with international corporate backgrounds and proven service record. The team is highly professional, dynamic and ready to work round the clock to make you reluctant. We define ourselves as an especially customer-oriented company. Rapid communication, flat levels of authority, targeted management, modern marketing, effective research and development, responsive logistics are the essential components of our customer strategy, completed by the competent service of our engineers at the face.

KEYS TO SUCCESS

- Product quality.
- Customer service.
- Access to manufacturers and distribution channels.
- Controlling fixed and variable costs during first three years.



TOTAL COMMITMENT TO TOTAL TEXTILE CHEMICAL SOLUTIONS

Our range of product starts from pretreatment to finishing dying. As well as printing and washing. We have also some special product for dyeing and finishing. GCL offers an excellent service maintaining standard of perfection in all areas of its operations. It also maintains smaller quantities of stock to meet needs of different customers. Dynamic sales and highly qualified foreign trained technical staff are on call to provide the best possible solutions. It has diverse product range for knit, woven and denim garments made from any kind of fibers. GCL has been and is committed to meet its standard. Clients can rest assured of total confidentiality in every step of the process. From the inception of the order to the delivery of final product, maximum control is exercised at all stages. Nothing is left to chance. All wastages are destroyed in the presence of senior officials. Physical security is given top priority. The factory is under round the clock surveillance.



WHY GERMAN CHEMICALS LIMITED **IN BEPZA?**



ABOUT BEPZA

In order to stimulate rapid economic growth of the country, particularly through industrialization, the government has adopted an Open Door Policy (ODP) to attract foreign investment to Bangladesh. The Bangladesh Export Processing Zones Authority (BEPZA) is the official organ of the government to promote, attract and facilitate foreign investment in the Export Processing Zones. The primary objectives of an EPZ are to provide special areas where potential investors would find a congenial investment climate, free from cumbersome procedures.



ABOUT EPZ

An Export Processing Zone (EPZ) is defined as a territorial or economic enclave in whom goods may be imported and manufactured and reshipped with a reduction in duties/and/or minimal intervention by custom officials (World Bank 1999). EPZ Provides:

- Plots/factory BLDG in custom bonded
- Infrastructural facilities
- Administrative facilities
- Fiscal & non-fiscal incentives
- EPZ attracts: foreign & local investment



TYPE OF INVESTMENT

Type-A 100% foreign owned including Bangladeshi nationals ordinarily resident abroad 205 (58%).

Type-B Joint venture between Foreign and Bangladeshi entrepreneurs' resident in Bangladesh 49 (14%).

Type-C 100% Bangladeshi Entrepreneurs resident in Bangladesh



OBJECTIVE AND WHY INVESTMENTS IN BANGLADESH EPZ?

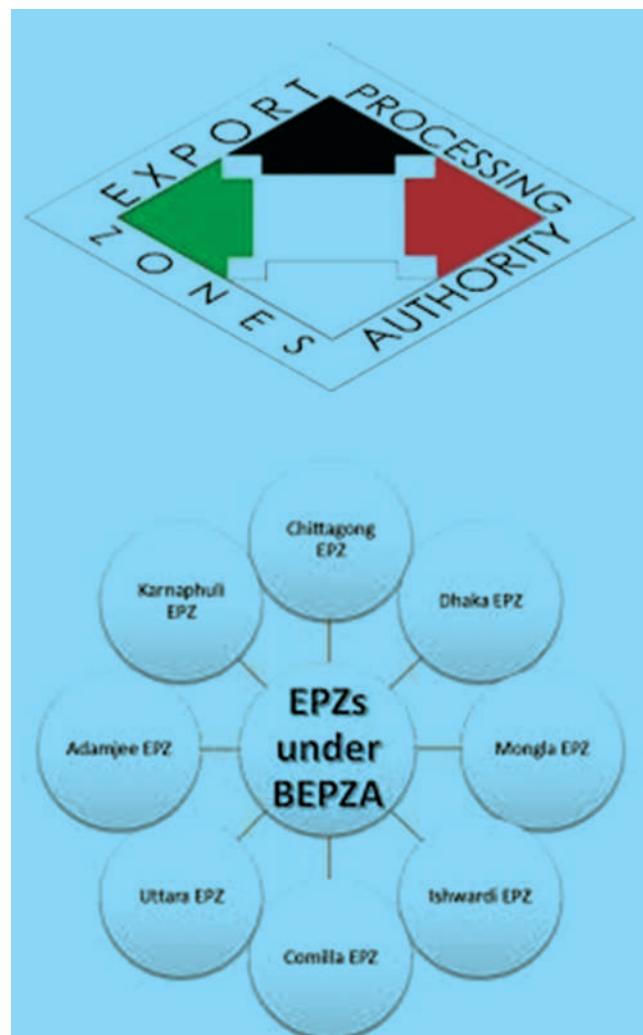


OBJECTIVE

- Promotion of foreign (FDI) & local investment
 - Diversification of export
 - Dev. OF backward & forward linkages
 - Generation of employment
 - Transfer of technology
 - Up gradation of skill
 - Development of management

WHY INVESTMENTS IN BANGLADESH EPZ?

- Law & order situation
 - Infrastructure facilities
 - Reduction of lead time
 - Cost of doing business
 - Friendly policy of govt.
 - Incentives
 - Win – win ventures
 - Success story
 - Signatory of MIGA (Multilateral Investment Guarantee Agency)
 - Signatory of ICSID (International Centre for Settlement of Investment Dispute)
 - Member of WIPO (World Intellectual Property Organization)
 - Member of OPIC (Overseas Private Investment Corporation)
 - Asia's low cost production base





EXCHANGE CONTROL REGULATIONS AND INVESTMENT GUARANTEE

EXCHANGE CONTROL REGULATIONS

- Operation of Export Processing Zone in Bangladesh
- Extension of credit facilities to industries
- Extension of credit/remittance facilities to Type-B industries
- Deposit of export earnings in FC account of Type-A & B industries
- Deposit of export earnings in FC account of Type-B industries
- Deposit of Export Earnings in FC Account of Type-C Industries
- Operation of FC account by Type-B and Type-C garments industries
- Operation of FC account by Type-B and C industries
- Encashment of foreign exchange by the industrial units
- Payment of Bills in FC by Type A & B Enterprises
- Issuance and endorsement of bill of export consignments of Type-A
- Non-resident FC deposit account
- Extension of facilities of non-resident FC deposit account
- Application of Interest on FC Acc. of nonresident persons
- Establishment of banking units in EPZs
- Establishment of off-shore banking units in EPZs
- Simplified Exchange Control Regulations On Certain Issues
- Remittance of royalty, Training and consultancy fees etc.



INVESTMENT GUARANTEE

- Foreign Private Investment (Promotion and Protection) Act, 1980 secures all foreign investment in Bangladesh.
- OPIC's (Overseas Investment Corporation, USA) insurance and finance programmers operable.
- Security and safeguards available under Multilateral Investment Guarantee Agency (MIGA) of which Bangladesh is a member.
- Arbitration facility of the International Center for the Settlement of Investment Dispute

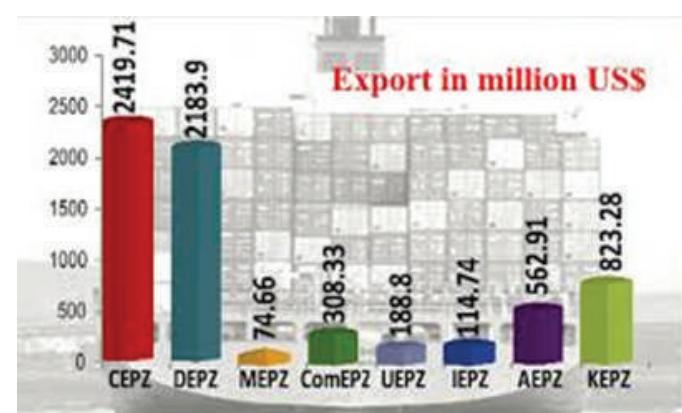
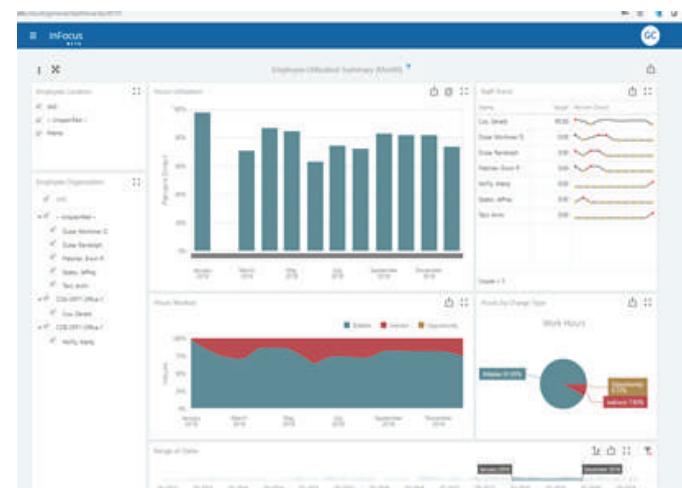


PACKAGES OF INCENTIVES



THE FISCAL INCENTIVES:

- 10 years' tax holiday and after that 50% rebate on export sales.
- Income tax exemption of salaries of foreign technical for three years
- Duty free import of machinery, equipment, construction materials
- Duty free import of raw materials
- Duty free export of finished goods
- Relief from double taxation
- Exemption from dividend tax
- Duty free import of two/three duty free vehicles
- Accelerated depreciation on machinery and plant
- Full repatriation of profit, capital & establishment
- GSP facility available
- Remittance of royalty, technical and consultancy fees allowed.
- Duty and quota free access to EU, Canada, Norway, Australia etc.



THE NON-FISCAL INCENTIVES:

- Investment protected under Foreign Private Investment (Promotion and Protection) Act, 1980.
- 100% foreign ownership permissible.
- Enjoys MFN status
- No ceiling on foreign investment and local investment.
- Foreign currency loan from abroad under direct automatic route (OBU facilities)
- Non-resident Foreign Currency Deposit (NFCD) allowed for "A" type industries.
- Operation of FC account by "B" "C" type industries allowed.
- Resident ship/ Citizenship for foreign investors.



FACILITIES:

- No UD, IRC, ERC and renewal of Bond license
- Work Permits issue by BEPZA.
- Secured and Protected Bonded Area
- Off-shore Banking available
- Freedom from import and Export Policy Restrictions.
- Import on Documentary Acceptance (DA) basis
- Back to Back L/C
- Import and Export on CM/ CMT / CMP basis allowed.
- Import from DTA (Domestic Tariff Area)
- 10% sale of finished goods to DTA (Domestic Tariff Area) allowed except garments.
- 10% sale of surplus raw materials
- 10% sale of defective finished goods
- 100% sale / export of backward linkage goods / accessories to any export oriented industries in Bangladesh.
- Customs clearance at Factory Site.
- Simplified sanction Procedure.
- Sub-contraction both taking and offering with Export Oriented Industries inside and outside EPZ allowed.
- Relocation of foreign industries allowed
- Service Oriented Industries allowed.



SUPPORT SERVICE:

- Business: Bank, Courier, Post Office, C&F Agent, Shipping Agent, MTO etc.
- Administrative: Customs Office, Police Station, In-house, Security, Fire Station, Public Transport, Medical Centre etc.
- Others: Restaurant, Health club, Investors club, Recreation Centre, School and College, Sports Complex, Exclusive Telephone Exchange, Electricity Sub Station, Business Centre, Anglers Club.

CLIENTS BASED GCL

German Chemicals Ltd. established at Dhaka Export Processing Zone (EPZ), the leading textile chemical company in Bangladesh since 2004 in collaboration with "ARCHROMA" Switzerland, "RUDOLF CHEMIE" (Germany), "INTERSAC" (Canada), SIAM PRO DYEACHEM GROUP (Thailand), SIAM TAKAMATSU CO., LTD. (Japan) now it has been enhanced from Proprietorship to Limited Company. With the enhancement, GCL is committed to provide quality Customer Service to its valued consumers. During our journey we are very fortunate to serve most promising Textile Industries in Bangladesh. We have created got business relationship side by side friendly relationship with them. We are treating our customer as our Master.



Existing Clients	
Lenny Fashions Ltd	Rahamat Knit, Dyeing & Finishing Ltd.
Doreen Washing Plant Ltd.	Doel Apparels Ltd
IL -KWANG	Harvest Rich Ltd
Young-A-Textile Co. Ltd.	Hossain Dyeing & Printing Mills Ltd
Opex Group (Sinha knitting Ltd)	EOS Textile Mill Ltd.
Asian Fabrics Mills Ltd	ABS Garments Ltd
Beximco Textile Ltd.	Crown Mills Ltd
Givensee Group Ltd.	Wisdom Attires Ltd.
GMS Composite Knitting Ind.Ltd	N.A.Z Bangladesh Ltd.
South China Bleaching & Dyeing Ind.	CD Acrylic Bangladesh Ltd
Kushiara Composite Knit Inds.	KDS Textile Mill Ltd.
Padma Bleaching & Dyeing Ltd.	Modern Towels BD Ltd
Apex Textile Printing Mills Ltd.	Purbani Yarn Dyeing Ltd
Grameen Knitwear Ltd.	Colormaster Ltd
Ring Shine Textile Ltd.	Viyellatex group
Jaya Knitting Ltd.	BDL Group

WE EXPORT TO:



SINGAPORE



INDIA



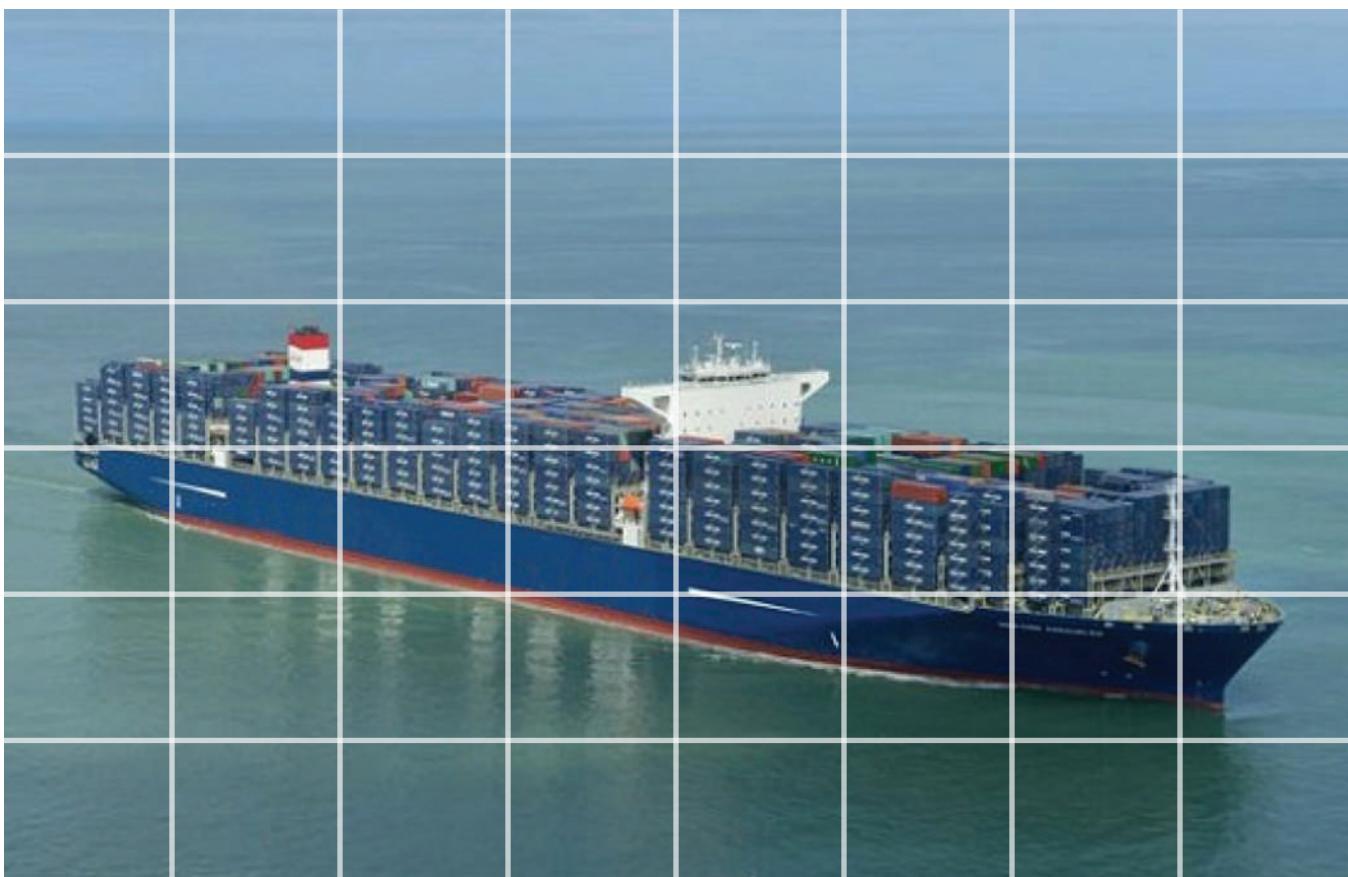
THAILAND



DUBAI



KOREA

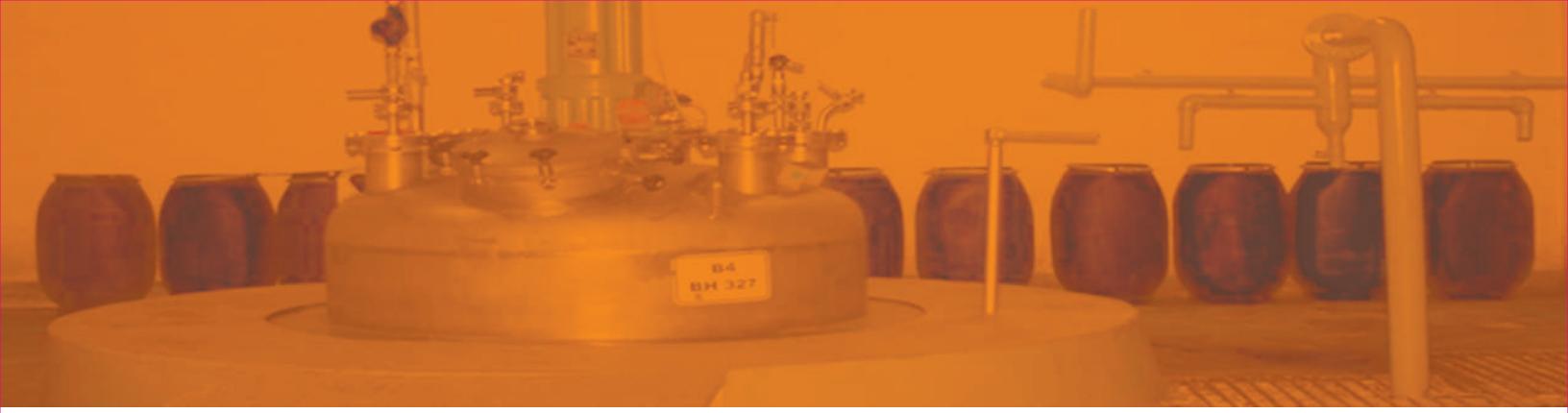


ORGANOGRAM – GERMAN CHEMICALS LIMITED



PRODUCTION AND LABAROTARY PARAPHERNALIA OF GCL

Name of the Machine	Function	Origin	Supplier/ Manufacturer
Formulation Machine (BEHALTERKG BREMEN)	Used to prepare homogeneous solution i.e. finished products from respective raw materials under controlled parameter.	Germany	VWR International GmbH, D 64271 Darmstadt
Water Bath High Pressure & High Temp Sample Dyeing Machine	Used to make the Complete processing of Textile Pre-treatment including scouring/washing, desizing, bleaching ; Dyeing ; Finishing including softening, anticreasing, antipilling, water/soil/oil repelling finish, special enzyme treatment etc.	UK	Rosches Engineering Ltd. Leek, England.
Mesdan Lab	Colors shed controller & High temperature testier controller	Italy	Ing. F. ARDUINI Milano Italy
Digital pH Meter (a WTW pH 3300)	Used to check the pH level of the process liquor as well as the finished product. It is very important to maintain the exact pH on the particular stage of the process and the finished products.	Germany	VWR International GmbH,D 64271 Darmstadt
Digital Thermometer	Used to check the Temperature level during the processing to maintain the constant temperature on the particular stage of the process.	Germany	VWR International GmbH, D 64271 Darmstadt
GSM Cutter	Used to check the Fabric Weight per unit length before and after treatment.	Germany	VWR International GmbH, D 64271 Darmstadt
Weighing Machine	To measure the weight of the raw materials, treating agents, products etc.	USA	OHAUS Corporation, Florham Park, New Jersey, USA
Master Refract meter	To measure the High Quality of the raw materials, Solid Content of products etc. up to 0% 30%.	JAPAN	ATAGO SINCE 1940 TOKYO
Master Refract meter	To measure the High Quality of the raw materials, Solid Content of products etc. up to 0% 60%.	JAPAN	ATAGO SINCE 1940 TOKYO
Auto-Punching machine	Used to seal the storage device automatically.	USA	OHAUS Corporation, Florham Park, New Jersy, USA
Electronic Weighing Machine CT 200 S	To measure the weight of the raw materials, treating agents, products etc at infinitesimal scale.	USA	OHAUS Corporation, Florham Park, New Jersy, USA
Glycerin Bath High Pressure & High Temp Sample Dyeing Machine	Used to make the Complete processing of Textile Pre-treatment including scouring/washing, desizing, bleaching ; Dyeing ; Finishing including softening, anticreasing, antipilling, water/soil/oil repelling finish, special enzyme treatment etc.	India	R.B. Electronic & Engineering, Ltd. Dalia I/A Estate, Andheri, India
Moisture Analyser (HG63 Halogen)	To measure the solid content, moisture content etc of the raw materials and products in order to specify the purity of the respective materials.	Switzerland	Mettler Toledo, Zurich, Switzerland.
Rubbing fastness tester	All type of Cloth & Cotton strengthens tester.	Italy	Ing. F. ARDUINI Milano Italy



Name of the Machine	Function	Origin	Supplier/ Manufacturer
Chemical testing kit box	All kind of Textile Chemicals testing equipment	Germany	Rudolf Gmbh Germany
Fabric Tester	To view fabric structure	Italy	Off Gallbo Milano
Electric Mixer Machine	All kind of Textile Chemicals Mixing Equipment	China	Sencan
Sample Weight Machine	All kind of Textile Chemicals Weight Machine	China	Seiko
Sample Weight Machine	All kind of Textile Chemicals Weight Machine	Korea	Tanita
Shrinkage Scale	To measure the Shrinkage for Fabrics	Italy	Ing. F. ARDUINI Milano Italy
Digital Thermometer	To Measure the Liquid Chemicals Temperature.	Germany	Rudolf Gmbh Germany
Thermometer Wireless Set	To Measure the Liquid Chemicals Temperature & PH.	Germany	Rudolf Gmbh Germany
Digital Weight Machine 500 Kg	All kind of Textile Chemicals Weight Machine	China	Seiko
Digital Weight Machine 1000 Kg	All kind of Textile Chemicals Weight Machine	Taiwan	
Chemical Sample testing kit Box	To hold all Types of Chemicals	Germany	Rudolf Gmbh Germany
Mixer Machine	To mix Chemical	Japan	Wynn's, Japan
Rotary Hammer		Japan	Senboss Z1C-DS-26
Water Hardness kid Box		Italy	
Caustic Soda (Na OH)		China	
PH Paper Strrops		Germany	
Soda Ash		China	
Burette 50mmpyrea		UK	
Pipe TFC 10mm		UK	
Beaker 250mm		Germany	
Boom meter		UK	
S.G Meter		UK	
Buffer Solution PH-7		Germany	
Hydro meter		UK	
Per-Oxide Stripper		Germany	
Pipe tiara ball Rollo		Germany	
Sprite lamp		UK	
Sprite lamp Stand		UK	
Sample bottle (Cristal bottle)		Germany	
M/ China		China	
Staring Rod		Germany	
Water test meter		UK	
Water testing Electrolyze		Germany	
Water Hardness test Tablet		Germany	

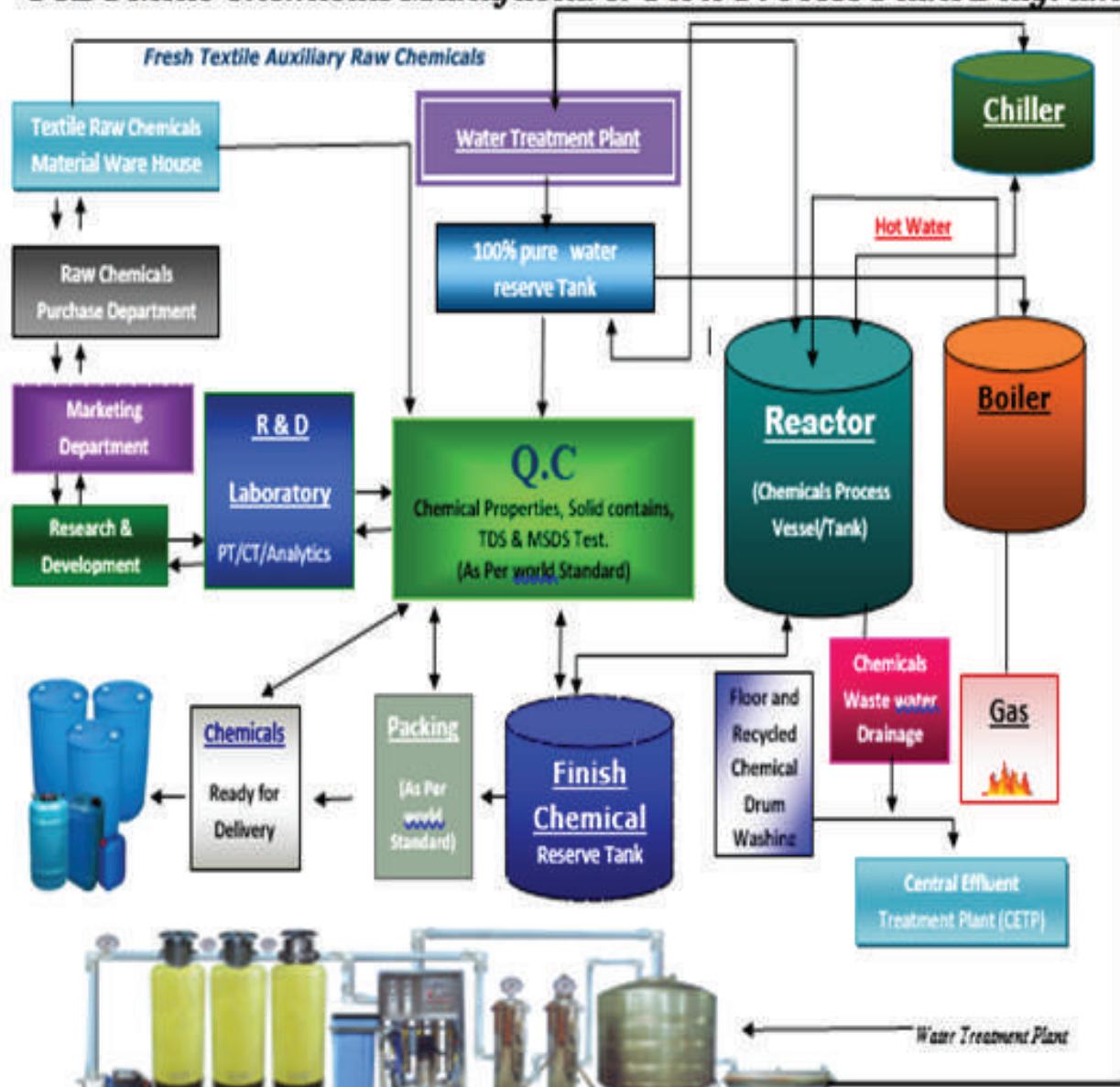


Name of the Machine	Function	Origin	Supplier/ Manufacturer
Conical Flax		Germany	
Cone		Germany	
Sample collect bottle (Cristal bottle)		Germany	
FOG LIFT 3000 KG	Chemical loading & Unloading	Japan	Hokes Japan
Name of the Machine	Function	Origin	Supplier/ Manufacturer
Hydraulic Pallet Trucks	Chemical loading & Unloading	Japan	Kyoto Osaka Japan
Drum Carrying	Chemical loading & Unloading	Japan	Kyoto Osaka Japan
Drum Stacker	Chemical loading & Unloading	Japan	Kyoto Osaka Japan
Drum Dolly	Chemical loading & Unloading	Japan	Kyoto Osaka Japan
Tally Wheel	Chemical loading & Unloading	Japan	Kyoto Osaka Japan
Spectrophotometer		U.S.A	Data Color International/Mac Beth
Color Assessment Cabinet		U.K	Verivide
Grey Scale (Assessing Change of color)		U.K	SDC
Sample Dryer		U.K	Carbolated
Rubbing Fastness Instrument		U.K	James H Heal & Co
Abrasion Tester		India	Paramount Mathis
Sample Paddler/Squeezer		Switzerland	Mathis
Viscometer		U.S.A	Brook Field
Shrinkage Tester		U.K	James H Heal & Co
Industrial Washing Machine	Allergy Care & Refresh	Korea	LG Brand
RO Water System	Hot/Warm/Cold Water Dispenser	TAIWAN	DENG YUAN INDUSTRIAL CO. LTD
Industrial Washing Machine		Korea	
100% RO Water Machine		Taiwan	
Sample Dyeing Machine		Germany	
Machine Motor		Italy	
Reserve Tank			

PRODUCTION PROCESS

German Chemicals Limited

GCL Textile Chemicals Manufacturer Flow Process Plant Diagram



NOTE: QC-QUALITY CONTROL; R&D-RESEARCH AND DEVELOPMENT; PT-PHYSICAL TEST; CT-CHEMICAL TEST; TDS-TECHNICAL DATA SHEET; MSDS-MATERIAL SAFETY DATA SHEET.

TECHNOLOGY DESCRIPTION

LABORATORY AGITATOR:



ESA laboratory agitator, mixer and disperser is designed to be used in various applications whether experimental or for small productions with power range from 0,55 Kw up to 2,2 Kw.

Rotating speed from 20rpm to 3.500 rpm with various shapes and dimensions of impellers.

TECHNICAL FEATURES:

- Up/Down button for vertical stroke of the column
- Start Rotating Button
- Change rotation Button
- Emergency Button
- Optical sensor tank position confirm
- Inverter speed adjusting
- Self-Ventilated Asynchronous Motor (optional).
- Control panel embedded/separated.
- Tank block made by moving arms and adjusting block belt.
- Tank Bench made of washable anti-slipping rubber

- Usable Impeller: Cow less, Marine propeller ,Air Propeller ,Anchor

TECHNICAL DATA:

- Self-standing column mixer
- Bench framework
- Motor Power 0,55-0,75-1,5-2,2 Kw
- Max. rpm 4500
- Electrical screw-driven stroke of propeller
- Container presence control
- Electronic adjusting speed from 100 to 3500 rpm
- Main shaft and impeller in stainless steel AISI 304
- Maximum viscosity 40.000cps
- White/yellow episodic coating

MIXER AGITATORS



Column agitators, or mixer agitators, for drums, small drums and tanks, suitable for shaking liquid products of any type, thanks to its interchangeable propellers and the inverter engineered RPM adjustment.

TECHNICAL DESCRIPTION:

- Lifting electric agitator
- Electronic speed adjustment
- 0,75 7,5 Kw engineered power
- Maximum shaft torque control
- Drum control
- Propeller positioning control
- Stainless steel frame with lifting on a wall-mounted or self- supporting aluminium linear guideway
- Dimensions: h 2500 xl 800 x p1000

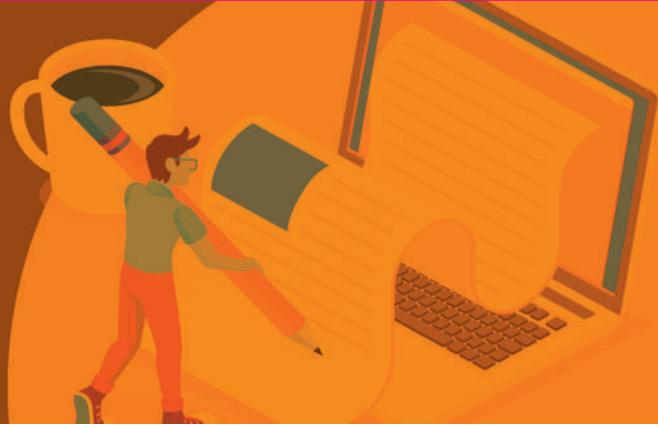


Reactor: The system fully automatizes the use of mixers and reactors for liquids and pastes in chemical industries, making their use easier and faster.

TECHNICAL DESCRIPTION:

- Electronic weighing of a reactor with digital system with 3 /4/6/8 separate loading cells
- Installation of self-levelling cells for ensuring the correct loading distribution
- Weighing accuracy: 100 g on 10 000 Kg
- Checking of agitators with torque control inverter
- Heating and cooling management, also with a sole circuit
- Checking of on-board valves
- Internal temperature control with programmable ramps
- Internal pressure control
- Condenser control
- On-board exchanger control
- Management of multistep manufacturing prescriptions
- Management of temporary, weighted, feedback, conditional additives
- Operator management with badge
- Operator interface with 15" touch-screen terminal
- Ethernet connection with accounting management system
- Ethernet or Bus connection with raw material storage warehouse for automatic supply
- Connection with automatic or semi-automatic ESA drum-filler

CONCLUSION



German Chemicals Ltd. is the foremost Textile Chemicals Processing Industry in Bangladeshi market with the co-operation of "ARCHROMA" (Switzerland), RUDOLF CHEMIE" (Germany), "INTERSAC" (Canada), SIAM PRO DYEACHEM GROUP (Thailand), SIAM TAKAMATSU CO., LTD. (Japan). Ensuring a quality product along with providing coverage around the country has always been a priority focus area of GCL.

Quality is an ongoing activity with plenty of improvement opportunities; GCL has dedicated team to conduct regular extensive quality checks on the grounds and take immediate measures to improve the quality.

GCL supply diversified products to the 100% export oriented Textiles, Garments, Apparel Industries, and Knitwear Industries who are mainly Brand Item manufacturers. We are committed to provide excellent customer service to our valued consumers. Customer feedbacks are given high importance and actions are taken to resolve the identified problems.

GCL is well-position with its' international standard expertise, tools and processes to ensure premium product quality for its' Consumers.

Extensive market expansion measures are implemented to keep up with the rapid growth of consumers. As a leader we never compromise with our product quality at the same time we tried to make it cost effective for our valuable clients. GCL focuses on providing high-quality products to consumers with outstanding service. Customization of orders and specialization of services create a competitive advantage. Samples and technical support are always available.

Our chemicals has get the chance to satisfy the Buyers of UK, USA, EU countries as we are GOTS listed, OEKO-TEX certified and above all our chemicals is environment friendly i.e. AZO,APEO, NPEO free. GCL chemicals also have ISO 14001(environmental management) certification.

GCL has the ability to custom manufacture a particular product for a specific application because of having the facility of constant research and development facility in own laboratory. In addition of Bonded Warehouse facility most orders are processed within a 72 hours' time frame. Moreover we are the unique supplier of some exclusive textile auxiliaries in Bangladesh.

Special efforts are taken to establish strong relations with both suppliers and buyers. These relationships will help GCL to grow and evolve in this sector in recent future.

We are very much careful about our Research Division. In the mean time we have already implemented the following and working on this with serious attention. Our responsible experts are busy with their assigned job in this respect.



SOME MACHENERIES OF GCL



- ✓ Industrial Process Development & Cost analysis.
- ✓ Implementation of NANO Technology in Textile Industries.
- ✓ Development of ECO Friendly/Bio Degradable Chemicals for Textile Industry.
- ✓ Development of effluents treatment method.
- ✓ Development of Textile Chemicals characteristics for getting high class apparels without any hazardous materials.
- ✓ Human Resource Development in the Industrial Sectors.
- ✓ Implementation of Renewable Energy in the Industrial Sectors.

WE ARE THE MEMBERS ARE OF:

Bangladesh German Chamber of Commerce & Industry (BGCCI).
Bangladesh Export Processing Zone Investors Association (BEPZIA).

UPCOMING NEW FACILITIES



OUR RESEARCH TOPICS FOR R & D AND TESTING DIVISION





SOCIAL ACTIVITIES OF GCL



WAREHOUSE PICTURE OF GCL