

Confined space specialist & Waste water treatment systems

Aglow Thailand provide full work of confined space services to both Chemical and Food industry factory for Thailand and & International potential customers combined with installation or improvement for waste water treatment system for the most kind and care for environmental.



COMPANY PROFILE



Aglow (Thailand) established in 2003, we are engineering services company for food and chemical industry provided with most experiences team specialist covered from factory design consultant and construction strictly follows local industrial law and regulation until inhouse machinery special design for such business both semi and full automatic control under customers requirement.

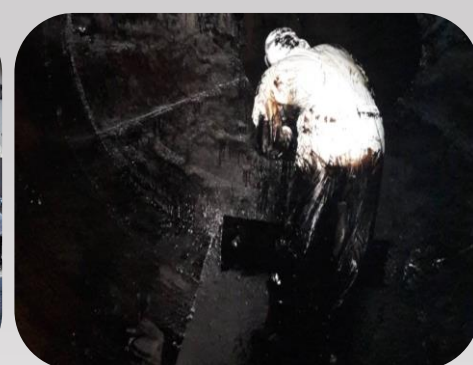
Aglow (Thailand) always develop and improve our team technics and technology plus provided services with the best safety gears and tools available to secure our team and our customers with “Zero Accident” commitment.

The background of the slide is a black and white photograph of two workers in full-body white protective suits and respirators. They are working in an outdoor industrial setting, possibly near a large pipe or tank. The worker in the foreground is wearing a full-face respirator and has a harness. The worker on the left is partially visible, also in a white suit. The bottom half of the slide is covered by a large blue semi-circle containing white text.

Aglow (Thailand) work scope

- Confined space with new installation or improve piping
- Confined space survey
- Design and consult waste water treatment system
- Water tank and Waste water treatment system cleaning & maintenance for building (Roof and under ground)
- Waste water treatment system cleaning maintenance or improvement for industrial factory

Aglow provided services and consult with team direct experiences which guarantee by confined space official certificated from Ministry of Labor and Social Welfare



CONFINED SPACES

- Limited entrance and exit
- Lack of ventilate condition for hygienic and safe

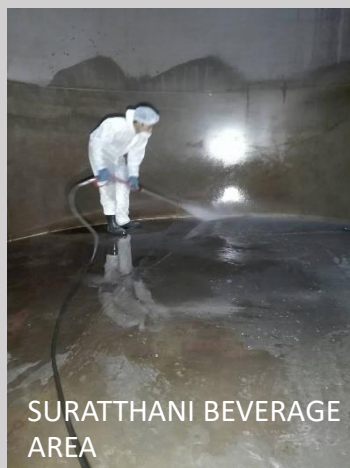
Such as :

Tunnel, Cave, Pond, Pit hole, Underground basement, Vault room, Oil tank, Fermentation Tank, Silo or any other work areas or spaces which under law and regulation.





AJINOMOTO AREA



SURATTHANI BEVERAGE AREA



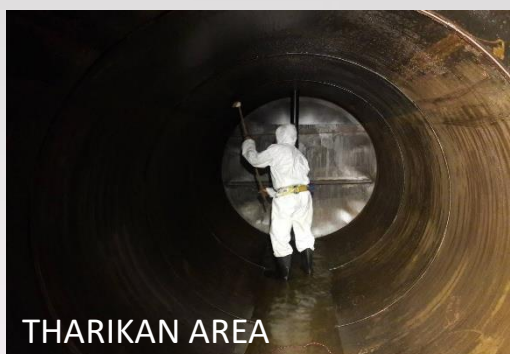
OCAS HUA HIN AREA



SAIC MOTOR AREA



UNIONZIPPAC AREA



THARIKAN AREA



Si Ayutthaya Real Estate AREA



SEI AREA

CONFINED SPACE WORKING

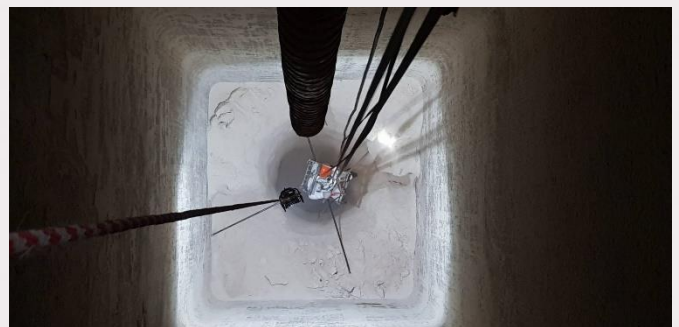
Aglow (Thailand) is the specialist in confined space working with standard of The Ministry of Labor and Social Welfare's training course and providing the wide range of confined space working.





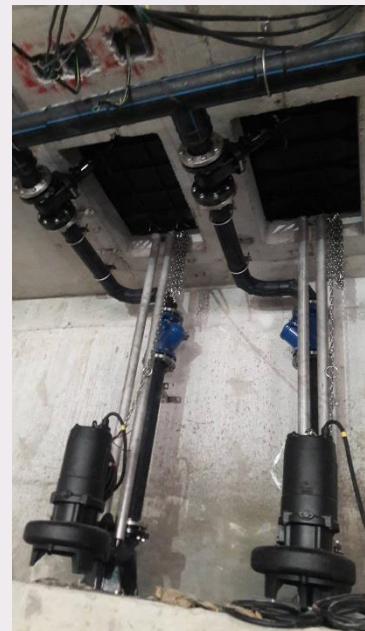
TANK & SILO CLEANING

Cleaning powders, beans ... etc





Confined space with new installation or improve piping



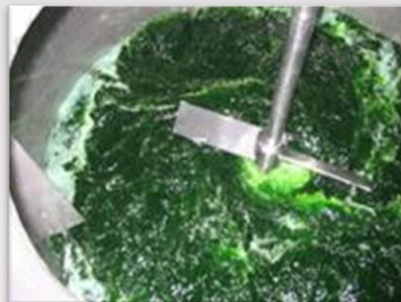
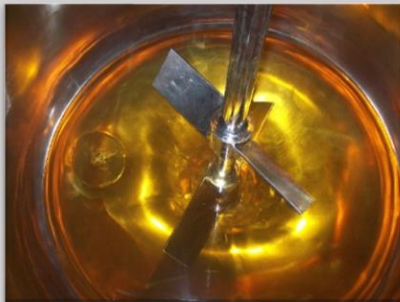
Surveys

We also provided survey & inspection services for customer who required for fully check all deteriorated areas after finished cleaning and discharge process for furthermore repair or improvement of Tank or Silo Etc.



Aglow (Thailand) provide a wide range of Mixing Equipment can offer the most modern and efficient technology available backed up with years of process and mechanical experience. Aglow Mixing Equipment can be supplied to virtually every area of mixing process.

The company is the specialists in the design and manufacture of mixing equipment. Continuous research and development together with proven sizing technology means that we can offer a solution to most mixing problems.



MIXING



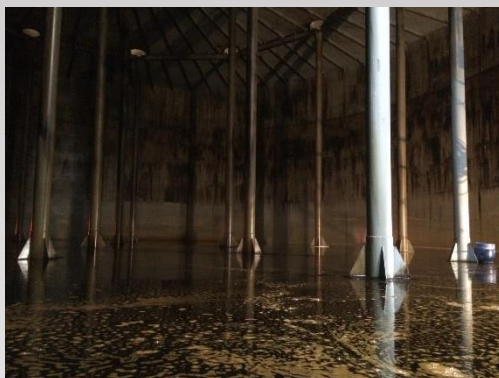
Design

- Process Design
- Mechanical Design
- Electrical Design
- Automatic Design
- Utility System Design
- Preventive Maintenance Design

Fabrication & Erection

Commissioning & start up

TURNKEY PROJECT

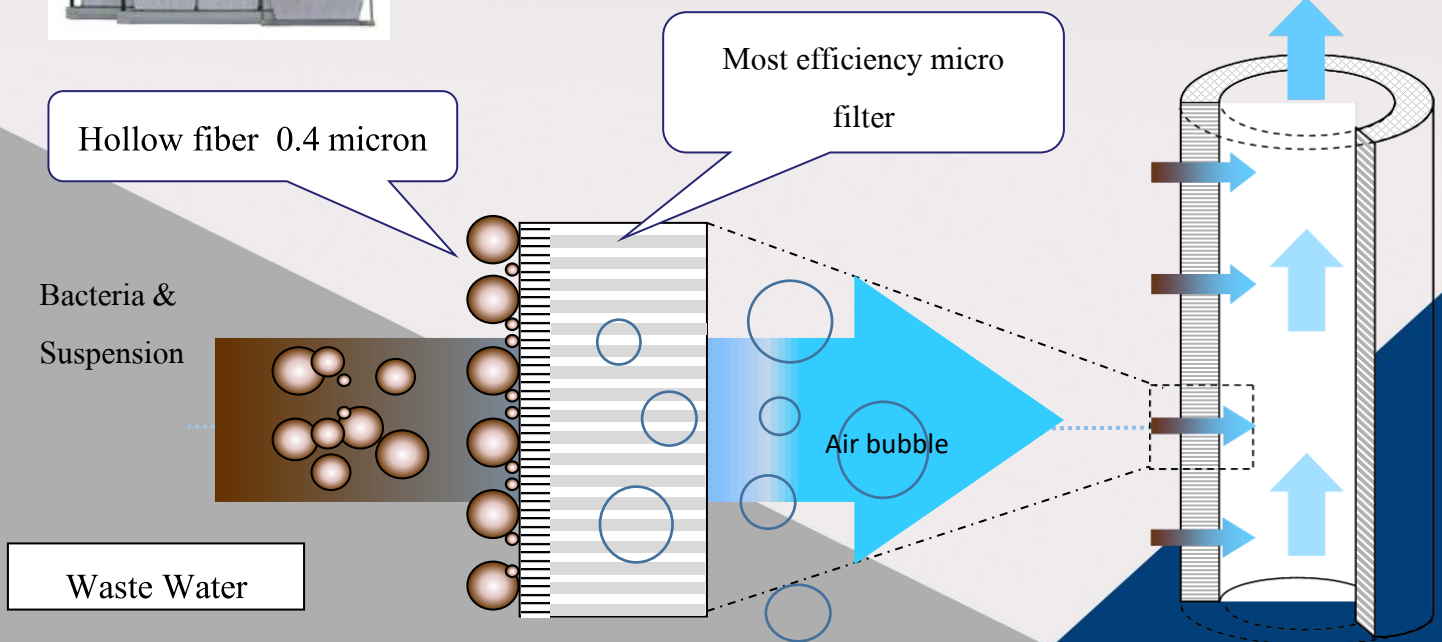
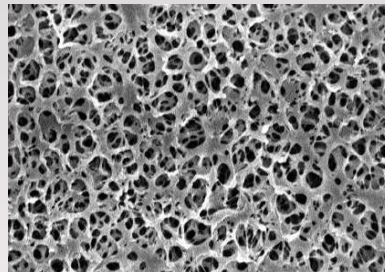
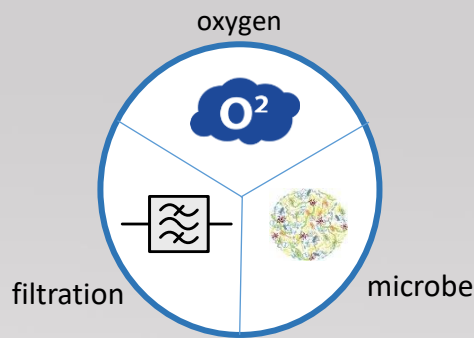
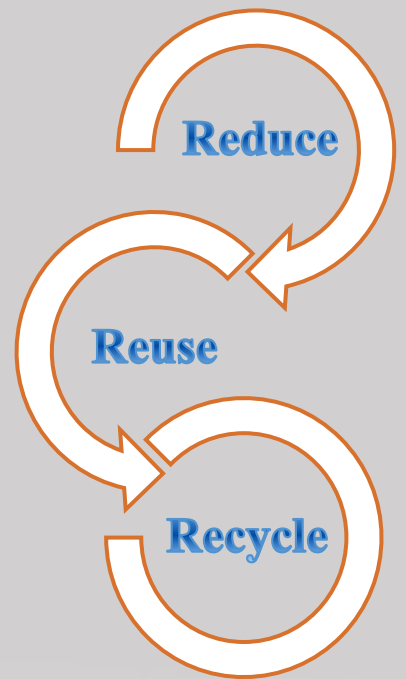


WASTE WATER TREATMENT

- System Design
- Improvement System
- Start up System
- Fabrication & Erection
- Maintenance & Modify
- Consultant

PTS (Purify Treatment System)

Highly efficient, stable, and highly flexible wastewater treatment system to improve or replace the old system Purify Treatment System (PTS) wastewater treatment system will guarantee customer all biological waste water result to meet environmental legal standard



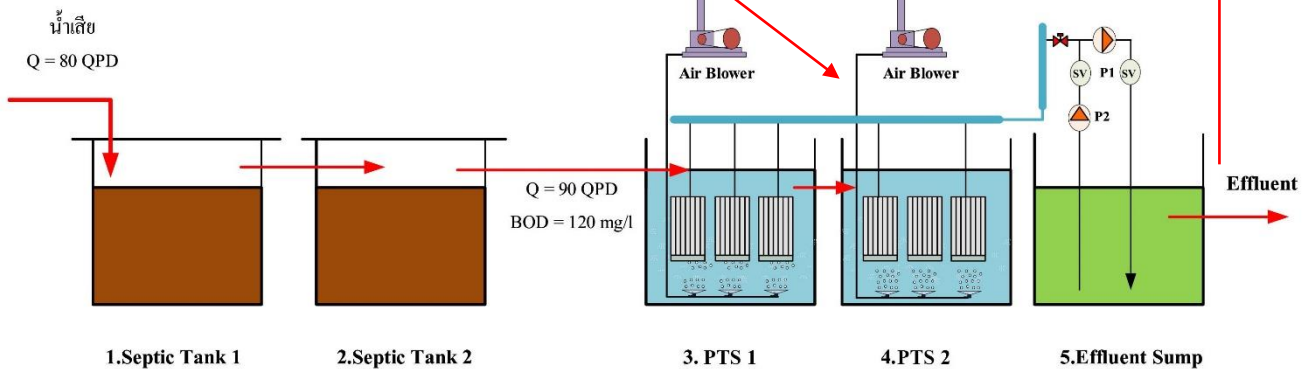
Material + Technocrat



System specially designed to combined Oxygen + Filtration + Microbe to work together as working unit to treat all biological waste water up to customers conditions requirement.



O₃ UV



กระบวนการบำบัดน้ำเสีย

1. Septic Tank : เป็นบ่อหมักแบบกรองไร้อากาศ
2. Septic Tank : เป็นบ่อหมักแบบกรองไร้อากาศ
3. PTS 1 : ระบบบำบัดคุณภาพสูง
4. PTS 2 : ระบบบำบัดคุณภาพสูง
5. Effluent Sump : ถังพักน้ำใส
6. Permeate Pump (P1) : ระบายน้ำใสออกจากระบบ PTS
7. Backwash Pump (P2) : ดูดน้ำกลับเพื่อล้าง Membrane
8. Air Blower : เติมอากาศให้กับระบบ



Purify Treatment System (PTS)

Stable Biological
Treatment Process

Activated
Sludge
Process



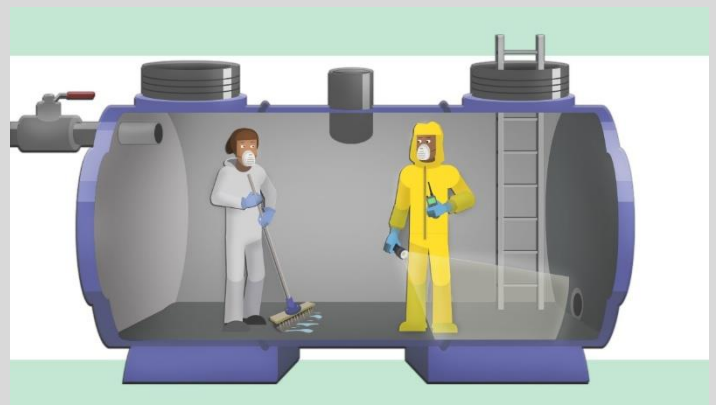
Membrane
Filtration

Absolute Solid-Liquid
Separation





Safety Equipment & Tools



Confined Certificated

3M

บริษัท 3เอ็ม ประเทศไทย จำกัด
159 ถนนสุขุมวิท แขวงคลองเตยเหนือ เขตวัฒนา กรุงเทพฯ 10110

ได้รับการรับรองจากกรมสวัสดิการและคุ้มครองแรงงาน เลขทะเบียนที่ C 51-002

ขออนุญาตบัตรนี้เพื่อแสดงว่า

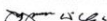
นายอิทธิพล จันทรวงษา

ได้ผ่านการอบรมหลักสูตรการฝึกอบรมความรู้เบื้องต้นก่อนการทำงานในที่อันตราย
ที่ครบ

“ผู้อนุญาต ผู้ควบคุมงาน ผู้ช่วยเหลือ และผู้ปฏิบัติงาน”

ระหว่างวันที่ 22 - 25 มีนาคม พ.ศ. 2564
ระยะเวลาการอบรม 28 ชั่วโมง

ให้ใช้ ณ วันที่ 25 มีนาคม พ.ศ. 2564



นางเสกขพรกร วงศ์ทะนิต
กรรมการบริหาร

3M 11/154

Confined space Certificated

[illegible]

neediss บริษัท นิธิส ซัพพลาย อินสตรูเมนต์ จำกัด
Neediss Supply Instrument Co., Ltd.

151, 152/151/152 หมู่ 7 ตำบลบ้านใหม่ อำเภอเมือง จังหวัดภูเก็ต 83000 โทร: 093-843 8438 โทรสาร: 093-843 8439 E-mail: info@neediss.com

Form No. : NIS-002

Gas Detector Calibration Report

Issued By
Owner Name
Calibration Number
Calibration Date
Calibration Due
Product Brand
Type Systematic

Neediss Supply Instrument Co., Ltd.
AGLOW (THAILAND) CO. LTD.
EQ6200001
7 Jan 19
8 Jan 19
Gas Clip Technologies Inc, USA
Personal 2 year turntime

First Activation Date 20-Jan-19

Product Model	MGC-Simple	Serial Number	DASH20382
Detection Gases	Measuring Range	Detection Principles	
LEL (Methane)	0 - 100% LEL (0.1% increments)	NDIR optical sensors for	
H ₂ (Hydrogen sulfide)	0-100 ppm (0.1 ppm increments)	CO & H ₂ in Combustion	
CO (Carbon Monoxide)	0-500 ppm (1 ppm increments)	Gas Chromatography	
O ₂ (Oxygen)	0-30% (0.1 % increments)	Quadrupole	

Calibration Standard equipment :

ETD GAS MIXTURES - Air/Gas No CG507647

ETD Gas Mixture

Component	Concentration	Uncertainty
Methane (CH ₄)	100.0 ppm (0.175%)	± 2%
Hydrogen Sulfide(H ₂ S)	100.0 ppm	± 5%
Carbon Monoxide(CO)	100.0 ppm	± 2%
Oxygen Sensor (O ₂)	17.96 %vol	± 2%

Calibration Report

Item Calibration	Before	After	Standard Gas	Before	Calibration	After	%Diff (Reaction)	Standard	Unit
Gas Detection									
Hydrogen Sulfide(H ₂ S)	0.0	0.0	0.0	32.8	27.0	27.0	11	0.08	ppm
Carbon Monoxide(CO)	0.0	0.0	0.0	100	100	100	14	0.0	ppm
Oxygen(O ₂)	0.0	0.0	0.0	51.1	50.2	50.2	12	0.04	%LEL
Oxygen (O ₂)	20.9	20.9	20.9	18.0	18.0	18.0	19	0.00	%vol

Result of Oxygen Detection met by Nitrogen 69.96%

0.2 % vol (with in 30 sec.)

* CO Detector is Automatic Calibration (N/A) only with fresh test gas cylinder.

* 50% T is measuring time to 50% of standard gas concentration.

Gas Alarm Point

	Low Alarm	High Alarm	TWA	STEL
Hydrogen Sulfide(H ₂ S)	18	18	10	15
Carbon Monoxide(CO)	35	200	35	90
Combustion(CH ₄)	10	20	N/A	N/A
Oxygen (O ₂)	19.5	22.0	N/A	N/A

PM Test Result

Test Status	Battery Indication	Li-Ion Remaining (hours)	Self-Test	Gas Detector	PURP Filter	Sensor Filter	Software	Alarm Function
Judgement	Pass	13	Pass	Pass	N/A	Pass	Pass	Pass

Signature

Full Name

Approved

Full Name

neediss
Neediss Supply Instrument Co., Ltd.

Worker confined space Certificated

Certificated Gas Verification

JOB Reference



Automobile Industry

- Kubota Engine (Thailand) Co.,Ltd.
- UNION NIFCO Co.,Ltd.
- Thai K.K Industry Co.,Ltd.
- Michelin
- NTN Manufacturing (Thailand) Co.,Ltd.
- Thai Honda Manufacturing Co.,Ltd.
- Asian Stanley International Co., Ltd.
- Toyota Motor Asia Pacific Engineering & Manufacturing Co.,Ltd.
- Isuzu Motors (Thailand) Co.,Ltd.
- Thai Indo Kordsa Co.,Ltd.
- Eagle Ottawa Thailand Co.,Ltd.
- Etc.

Electronic Industry

- NOK Precision Component (Thailand) Ltd.
- Toshiba Caarrier (Thailand)
- EGAT
- Hana Semiconductor (Ayutthaya) Co.,Ltd.
- Kingboard Laminate Manufacturing (Thailand) Co.,Ltd.
- Etc.

Food / Beverage Industry

- Nestle (Thailand)
- Griffith Foods Co.Ltd...
- Beiersdorf (Thailand) Co.,Ltd.
- Thai Lotte Co.,Ltd..
- Avery Dennison (Thailand) Ltd.
- Cerebos (Thailand) Ltd.
- Fuji Nihon Thai Inulin Co.,Ltd.
- Thai Union Manufacturing Co.,Ltd.
- SSL Manufacturing (Thailand) Ltd.
- CPRAM Co.,Ltd.
- Beiersdorf (Thailand) Co.,Ltd.
- CP-MEIJ I CO.,LTD.
- McKey Food Services (Thailand) Ltd.
- Rianthai Interplas Co.,Ltd.
- Cadbury Adams (Thailand) Limited
- OLIC (Thailand) Limited
- Etc.

Other

- Ramathibodi Hospital
- Muang Rat Hospital
- Governmant Pension Fund
- Etc.

CONTACT



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บริษัท อะโกลว (ประเทศไทย) จำกัด

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E-mail : aglowtech@gmail.com

Website : www.aglowtechengineer.com

: www.aglowthai.com

