



10th Technological Innovations Conference & Exposition

Tamilnadu Engineers Forum Kuwait conducted their 10th Technological Innovations and Exposition on 7th Nov 2019.

The objective of the conference was to encourage implementation and enhancement of energy & technology management and to promote innovative technologies.

Technical Presentation

Mr. Amjad made an presentation on **A Breakthrough Into public Sanitation eToilet**, the presentation was greatly appreciated by the Keynote Speakers and engineering experts



For Further reading - <https://www.indiansinkuwait.com/news/10th-Technological-Innovations-Conference-Exposition-TICE-Organized-Hosted-by-TEF>



10th Technological Innovations Conference & Exposition



eSolutions available for middle of Sahara



Awards

- Tamilnadu Engineering Forum- Kuwait recognized Reliance on Pure Merit with
1. Operational Excellence Award 2019 to deliver Transformation in a Industry
 2. Gold Award For eToilet Environment Safety & Security



Under Construction



Newest Food Processing Center (Central Kitchen) with the latest Blast Chilling Facilities and fully automated facilities and energy saving solutions

This Facility can cater 7000 Meals of diverse cuisine per day

Reliance Energy Solution- Food Composting : Food Bio Digester



Food bio-digesting technology

Install like a residential dishwasher or washing machine and uses standard pipes for input and output.

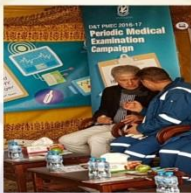


The Food Bio Digesting Unit can be thought of as a **big stomach** – it can digest whatever you can digest, and it does it using the same process (**microorganisms**). The waste output of the unit contains everything that went in whereas in the human stomach, we absorb the nutrients so they don't go down the drain. The output from the human stomach goes down the sewer. The output from the unit goes down the sewer or can be reused or can be used as fertilizer

INITIATIVES FOR GREEN CAMP CONCEPT: Our Commitment to ENVIRONMENTAL PROTECTION & DEVELOPMENT



KOC Zones New Updated Preference Camphor Tree



MUSTARD SEED TOMATO SPRING ONION ROCCA LETTUCE PARSLEY CABBAGE

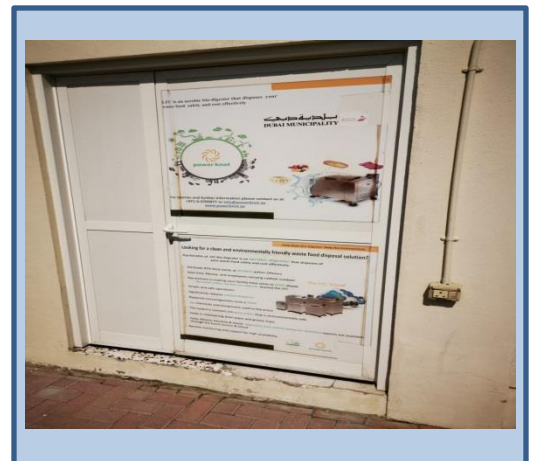
It will be a pleasure of our Engineering team to further answer any queries of Food Bio Digester at your convenient time

Please contact: info@reliancesvcs.com, bd@reliancesvcs.com

بلدية دبي
DUBAI MUNICIPALITY



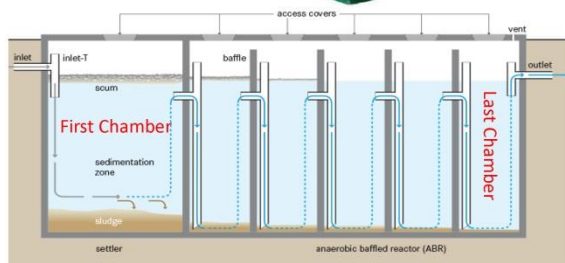
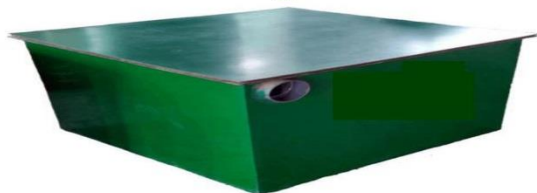
Our MD Mr. Amjad was invited by Dubai Municipality to visit their Food Digester Units to ensure highest parameters are set for our reusable grey water output and to check the best practices of the unit handlers



Reliance Energy Solution- Bio Digester Septic Tank



Exclusive Innovation Technology
Public eToilet[®] Bio-digester Septic Tank
Anaerobic Reactor Technology – Human Waste Treatment



Treated Output options:

- 1- To be connected to sewer point
- 2- To be vacuumed @ remote areas

Bio-digester septic Tank can reduce the sludge getting disposed in sea or at land fill
Together with our eToilets ; they are the Energy Solutions to give a better environment to our Future generations

It will be a pleasure of our Engineering team to further answer any queries of Bio Digester Septic Tank at your convenient time
Please contact: info@reliancesvcs.com, bd@reliancesvcs.com

Few Dishes at Rig Camp Sites



Baker Hughes New Logo Unveiling Event



QUOTE OF THE MONTH FROM THIRUKURAL

"The world will constantly embrace the steps of the great king who rules over his subjects with passion".- by Thiruvalluvar ,



Pipeline Projects

China Oil Company, a strategic alliance for further market expansion and cooperation with Reliance.

Mobilization

Right Client - Right Terms Milestone...

Reliance Worldwide hospitality and life-support & Reliance Contracting Company pleased to announce the successful kick-start of our new five years upstream and downstream projects commenced during the month of July 2019. It is a continuation of our successful story "passion to service excellence".

Reliance merited the contracts serving oil and gas for Kuwait Oil Company mega plan support with the following five years integrated services partnership with clients for north and south territories i.e. gathering camps, super drilling, deep, medium, and work over network.

1- Schlumberger – SLB North Camp (Abdally) fully integrated services in unique modern facility providing catering, housekeeping, laundry, skilled man power supply, solar energized equipment/clean energy, operation management and reporting. This project services combines all members of Schlumberger and visitors.

2- Work commences for pre- SPUD Schlumberger rigs of 3000HP 801 & 802 in addition, rigs 803 & 804 preparation for end of 2019.

3- The work started for the first Indian oil drilling company emerging into Kuwait upstream territories –John Energy and affiliates made Reliance projection and marketing plans diverse its services network adding extra unique parameters under right client-right terms concepts and management determination for the mutual long term best interest.

We thank all our clients for the trust in our services and commitment those aiming at unique and competitive service edge.

TIP: HYDRATE YOUR BODY

Fluids are very important for the health and vitality of your body during the fasting period and it is important to drink plenty of water, in addition to other refreshing drinks



Client Audit – BHGE (Baker Hughes –a GE Company)



Pleased to host a full day leadership delegation of Baker Hughes a General Electric Company (BHGE), the world's first and only full Stream Company. Reliance team had the privilege to host the delegation arrived from Houston Texas, USA and MENA regional offices to conduct its vendor evaluation and audit – Catering & Life-Support.

Many topics were analyzed and covered between BHGE & Reliance teams.

Continually developing our international presence in a “Passion for Services Excellence” ...

In Picture: BHGE Audit Team

Client Audit- Nabors

Had a brilliant Audit meeting with NABORS Periodic QHSE (Quality, Health, Safety and Environment) subject periodic auditing team. The meeting held at Reliance premises & facilities along with Reliance Worldwide QHSE team. Certainly, the exceptional work and synchronized continual improvement synergy between great teams and management will always lead to perfection in seeking best ways for continual improvement audited periodically on system internal and external collaboration.

Our clients NABORS Industries is the global Houston, Texas, USA based company with its international corporate offices S&P 500 Oil & Gas drilling organization with its largest land drilling fleet in the world of approximately 400 rigs in more than 20 countries.

In Reliance, we are pleased to partner with multi-national expertise and be able to adapt to most refined QHSE policies and parameters and being the arm-wing for hospitality catering, life-support & chain supply management / service provider. Among the topics serving upstream demands and the future of business support expansions.



In the picture from left to right:

Mrs. Alia Al Tukhaim, QHSE Supervisor – Reliance Field Support., Mrs. Yvonne Macaraig, Management Support Supervisor – Reliance Corporate., Mr. Amjad Al Saleh, Managing Director – Partner – Reliance Worldwide., Mr. Alex Nedea, QHSE Manager – NABORS. Kuwait Oil Company Operations projects., Mr. Shamsudden Udinoor, Supply Chain Manager – NABORS., Mr. Shaju Haneef, QHSE Filed Supervisor – Reliance Worldwide., Mr. Velu Balasubramanian, QHSE Manager – Reliance Worldwide.

Exposition Booth at 10th Technological Innovations Conference & Exposition



HE – Indian Ambassador Mr. K. Jeeva Sagar , CEO-KNPC Mr. Waleed al Bader, President TEF and Engineering Professionals visiting our Booth



TEF Awards & Appreciations, ASSP Awards & Appreciations Displayed at our booth



Reliance Team with TEF engineers

Our Technical Manager – Reliance Worldwide Contracting ,Engg. Ahmad enlightens the engineers, delegates , keynote speakers on our eToilet Sanitation Solution, Energy Solution, Grey water recycling, eliminating garbage, food waste recycling , reducing landfill & carbon foot print, best health practices and much more on 10th Technological Innovations Conference & Exposition.

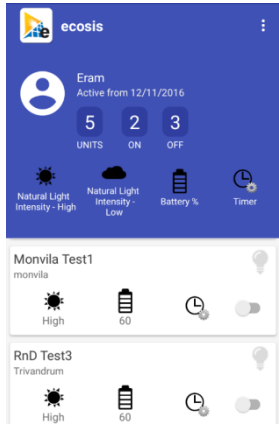


– Our Solar Energy Solution

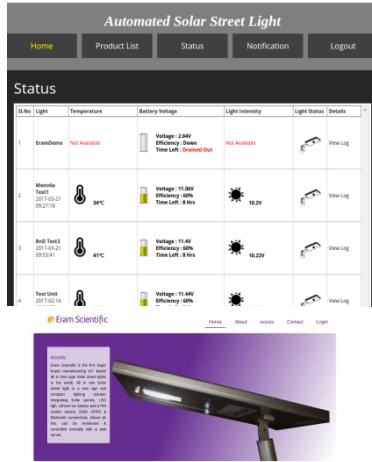
An **eco** friendly and **electronically controlled solar integrated street light system**

- A fully integrated solar street lighting system –Solar panel, battery, controller , light, sensor and all other accessories are integrated in a single cabinet.
- Easy installation
- Automated ON/OFF mechanism according to natural light /time/web
- Minimizes manual interventions
- Power saving technologies – Intensity of light varies according to motion presence & time.
- IOT based technologies –Web Based remote controlling and monitoring facilities.
- Green- Co2 emission is less

Mobile Application



Website




Eram Group

Eram Scientific



Self-Diagnosis Integrated Compact Unit Remote Monitoring & Control Power Saving Technology Fully Automatic

First  Solar lights have been installed in **Schlumberger North Kuwait Integrated Facility**.



Mexican Deligation Visit & Auditing our eToilet at Kuwait Motor Town



THOUGHT OF THE MONTH

May God grant us the wisdom to discover right, the will to choose it, and the strength to make it endure. -King Arthur.



Sanitation Invention The eToilet : Appreciation By Kuwait Motor Town

eToilet appreciation by (KMT) Kuwait Motor Town. KMT is a motor racing circuit in Kuwait, located 56km (35mi) south of the capital Kuwait City. The city is holding an FIA Grade One and FIM Grade A licenses.

We are proud to be recognized by the world's speed car racing experts for our iconic Smart eToilet products.



New Family Members On Board



In Picture: Bippin

We have got **Mr. Bipin Mathew** on board Reliance Worldwide in QHSE department holding the position of a Food Technician. He is a Post graduate degree holder with a Major in Food Science and Nutrition from Bharathiar University-India. He has sharable knowledge in Food science, Nutrition, Food Quality control, ISO22000-2005 Food Safety Management System, FSSAI. As well his hands on experience in GMP, HACCP. Internal audits, Food safety, Health and Safety, Diet planning, Quality assurance will be a great tool for all of us to improvise ourselves, to reduce the GAPS in our systems.

We have got **Mr. Ahammad Khan Salem** on board Reliance Worldwide in QHSE department holding the position of a IT Administrator. He holds a degree holder in Computer Hardware and Networking. He has sharable knowledge in Internet of Things, Networking, Network Security, System Management, Data Management. As well his hands on experience in hardware and software maintenance will be a helping hand in achieving our QHSE and Company objectives.



To further shift into Food & Beverage Service excellence now and in long-term future, our primary objective on Food & Beverage for the year has been marked to be achieved By 1s qtr 2020

Our F& B training and F&B –R&D basket is full of proactive plans in 2020 and many years to follow.

You may send Your Article, Questions and Tips for the Next Month News Letter to ghsem@reliancesvcs.com Training Requirements & Suggestions are welcome too.

Breakthrough Sanitation Invention The eToilet



Bill Gates wants to reinvent the Toilet

https://youtu.be/v5pW_Mqt6dU

BILL & MELINDA
GATES foundation

Our eToilet as part of Our Corporate Social Responsibility (CSR)

Muscat and Salalah, where tourists building sites & city buildings are painted a uniform white by royal decree and where the regional fashion for high-rises has passed the city by, offers a haven of calm in surrounding warm waters and high environmental care.

We have installed our Smart Embark eToilet @Aspire Academy & @ Aspire Park s @ VIP floor Aspire Academy and near the Toborochi trees at Aspire Park grounds in Doha, Qatar. Enjoy the solar and full remote operating smart eToilet. Auto cleaning and breakthrough sanitation all touch free functionality, biodegradable & hygienic material used. Many more features. Proud of the initiatives and innovation competencies our eToilet models got to offer.



These e-toilets turn waste into fertiliser

Times News Network

Thiruvananthapuram: A city-based tech firm has come up with an innovative idea that could address the waste management crisis faced by the country. The firm, Eram Scientific Solutions here, has developed a fully off-grid electronic toilet that converts waste into fertilizer and water and its prototype installed at Leo XII Higher Secondary School, Puluvilla, has already gained positive response from the students and local residents alike. Eram is also the company that introduced the concept of e-toilets in the country.

The new e-toilet is named NEWgenerator and it was developed with the help of experts at the University of

GOING GREEN: Prototype of the e-toilet has been installed at Leo XII Higher Secondary School, Puluvilla.

South Florida with the support of Bill and Melinda Gates Foundation. The e-toilet is equipped with automatic self-flushing and self-cleaning mechanisms.

According to Binny Jolly, director, Eram Scientific Solutions, the company came up with this project as part of the Global Relief Toilet Challenge by Bill and Melinda Gates Foundation and Biotechnology Research Assistance Council (BRAC) under the central government.

the firm, who is also the parish priest of St Joseph Parish Church, Puluvilla, the toilet was being used by students and local residents alike since it was installed. "We had to use the fertilizer received from the toilet in our vegetable and fruit farms in the school campus," he said.

Jolly added that most households in the coastal village lack proper toilets owing to geographic problems. The region lacks a proper drainage system. Since many houses are located close to the sea, septic tanks overflow when the tide rises.

"We are in talks with the firm as well as local body authorities to purchase a few more e-toilets and install them at community toilets here," said Fr Jeyase.



RELIANCE

Embark

Public eToilets @ Remote Sites

Units for Disabled, Ladies and Gentlemen

Eram Scientific

Export Model eToilets