OIL & GAS HABITAT DIVISION

CORPORATE PROFILE

AnjurEkar

BEGINNING THIS ENDEAVOUR IN 2009, WE HAVE TODAY OUR VERY OWN PATENTED WICH SYSTEM™ THAT IS DESIGNED TO FACILITATE WORK IN HAZARDOUS AREAS EITHER OFFSHORE OR ONSHORE AND WE ARE PROUD TO SAY WE WERE AMONG THE FIRST FEW WHO INTRODUCED THE SYSTEM INTO THE MALAYSIAN MARKET.

Anjur Ekar has multiple licences and registrations including the Ministry of Finance (MOF) Bumiputera Status, Petronas Licensing and registration and CIDB under Grade 7.

These priorities and commitments in excellence gave rise to our household brand, AEP Gen generator sets, which built to cater to specific client needs.

Anjur Ekar takes pride in its offer of the safe welding habitat system that provides immense savings for clients in the offshore sector. It includes automatic shutdowns systems for hazardous environments and the flexi overpressure system that allows for operations to be completed onsite while production continues. Customers are thus spared expensive and unnecessary shutdowns.

VISION

Pacing our stride to be an eventual 'Preferred Power System Provider'

MISSION

Delivering quality through our products and unsurpassed Services in every aspects of our business.

WICH

THE WICH SYSTEM

The WICH System (*Welding Isolation Chamber Habitat*) is a patented, versatile, customisable system that is designed to facilitate hot work such as welding in hazardous areas offshore or onshore.

The system isolates ignition sources that are generated from hot work operations taking place inside the Hot work Safety Enclosure (HSE) from any potentially flammable gases that may exist outside the HSE.

Essentially, the overpressure in a WICH System is used to prevent penetration of potentially explosive substances and gases, allowing hot work to be carried out in areas otherwise considered hazardous, thus avoiding expensive and unnecessary shutdown of the plant.

CONCEPT

The WICH System is designed based on flexibility in mind, which helps facilitate hot work better.

It comes in versatile designs, various sizes, is able to fit in any space and each part is easily transported.

The use of scaffolding and pliable covering also allow the system to be built around pillars and other obstacles.

SAFETY

As the oil and gas industry developed, risk management became an integral and required aspect of the industry, especially when carrying out hot work in hazardous areas.

Realising this, we created a robust Safety Management System and today we use checklists and procedures at every stage of our habitat construction and have a comprehensive, formal risk assessment system.

We also have an unparalleled safety record as thus far in our operations we have maintained zero Lost Time Injury, which we attribute to our excellent back up support services and ability to respond swiftly to client's needs.

One essential safety feature in our WICH System is the automatic shut-down feature, with functions that include:

- managing hot work risks
- gas detection
- loss of overpressure
- detection of high temperature and rapid temperature increase
- equipment malfunction
- emergency stop
- change in installation status

PROJECT TEAM

We take pride in our dedicated team of engineers and technicians who are highly trained to operate the WICH System.

Having been trained through our in-house training programme, Anjur Ekar has hundreds of technicians who are certified, experienced and skilled in providing consultation and assessment to clients before they choose our products or commence their projects.

Thus, what sets us apart from our peers is having the right project management expertise, technicians and execution ability.

AFTER SALES

Our highly trained technical team provides the servicing, repair work and consultancy needed to clients even after a sale is done.

At Anjur Ekar, we take our service further in hearing our clients' continuous needs. In striving towards customer satisfaction, we assure that whenever a solution is needed, our experts are there with the assessment, recommendation and solution needed.

FACILITIES AND SERVICES

While we cater to clients in Southeast Asia, we have strategically located factories locally in Kota Damansara, Kemaman, Labuan and Miri that allow us to cater to clients nationwide, through our service offerings.

All our products have SIRIM (Standards and Industrial Research Institute of Malaysia) certification and our factories ensure that the products are fully tested to maintain optimum performance through facilities such as:

- Testing bays
- Load bank rooms
- Equipment Servicing Tools
- Storage Areas

KEY FEATURES

THE WICH SYSTEM CONSISTS OF A VARIETY OF FUNCTIONAL AND SAFETY RELATED COMPONENTS THAT MAKE THE SYSTEM FLEXIBLE. IT'S FEATURES ALSO ALLOW THE SYSTEM TO BE DESIGNED TO OFFER CONVENIENT, EFFICIENT AND SAFE WORKING ENVIRONMENTS.

PANELS

The system panels are made from non-ignitable material that can be created in any shape and size, depending on the area of application. The panels are joined together using a combination of zippers and velcro, making the habitat easily assembled in minimal time. The panels can be shifted and added at any time, making it possible to change the shape and size of the habitat.

FAN

These supply air with an overpressure to the habitat and shuts off automatically when the detector at the inlet registers abnormal levels of gas in the inlet air. It further closes down electricity used in the habitat in case of loss of overpressure and can also trigger a water curtain in the WICH System.

MANOMETER

A pressure measuring gauge which transmits a signal to a control devise when it registers pressure that is lower than a given value. The electricity supply to the welding equipment is then simultaneously shut off.

DOOR PANEL

All doors are self-closing and made from aluminium, with every door equipped with windows for visibility and safety reasons

GAS DETECTOR

It sends a signal to the control device when it detects abnormal levels of gases that are inflammable.

DUCTING INLET

This directs inlet air from the inlet blower to the outlet blower and from the outlet blower to the habitat enclosure.

TEMPERATURE CONTROL SHUTDOWN SYSTEM

A sensor which acts as a safety device that monitors the motor fan, PLC and socket temperature from getting too hot. It also triggers the shutdown of the fan motor system if temperatures increase tremendously.

OUTLET BLOWER

his is where the auto shutdown damper is located with the PLC system and the manometer. The thermometer is installed on this part of the fan blower to monitor the socket and motor.

INLET BLOWER

A suction motor located here pulls air into the system. A gas detector located at the inlet opening detects whether there is any gas presence in the air that is being pulled in.

SIGNAL CABLE

Sends a signal to the inside alarm located in the habitat enclosure in case of any emergency.

BRANCHES

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- LABUAN, SABAH BRANCH
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- SEBERANG PRAI, PULAU PINANG BRANCH
- JOHOR BAHRU, JOHOR BRANCH
- KOTA KINABALU, SABAH BRANCH
- BRUNEI BRANCH

CLIENTS AND PROJECTS

PROJECT / PLATFORM	OIL OPERATOR	YEAR
CPCX 10	Brunei Shell Petroleum (BSP)	2015
FBPP 01	Brunei Shell Petroleum (BSP)	2015
CPRP 11	Brunei Shell Petroleum (BSP)	2015
AMPA 17	Brunei Shell Petroleum (BSP)	2015
AMPA 09	Brunei Shell Petroleum (BSP)	2015
D35	Petronas Carigali - SKO	2015
BARAM	Petronas Carigali - SKO	2015
BARONIA QUARTERS	Petronas Carigali - SKO	2015
TEMANA	Petronas Carigali - SKO	2015
BOP-A	Petronas Carigali - SKO	2015
BETTY	Petronas Carigali - SKO	2015
E11 RC	Petronas Carigali - SKO	2015
BYG-A	Petronas Carigali - SKO	2015
TUKAU	Petronas Carigali - SKO	2015
KIKEH SPAR	Murphy Oil Corporation	2015
E 11 RB	Shell Malaysia Exploration & Production	2015
SOUTH FURIOUS	Shell Malaysia Exploration & Production	2015
BURTON (BTMP)	Shell Malaysia Exploration & Production	2015
D12	Shell Malaysia Exploration & Production	2015
ST JOSEPH	Shell Malaysia Exploration & Production	2015
M1	Shell Malaysia Exploration & Production	2015
GUMUSUT KAKAP	Shell Malaysia Exploration & Production	2015
KAKG-A	Petronas Carigali - SKO	2015
BOP-A	Petronas Carigali - SKO	2015
BNDP-B	Petronas Carigali - SKO	2015
BNG-B	Petronas Carigali - SKO	2015
ANGSI	Exxon Mobil	2015
S.FURIOUS	Shell Malaysia Exploration & Production	2015
F06	Shell Malaysia Exploration & Production	2015
WEST PATRICIA	Murphy Oil Corporation	2015
SERENDAH	Murphy Oil Corporation	2015
D2	Shell Malaysia Exploration & Production	2015
ST JOSEPH	Shell Malaysia Exploration & Production	2015
GUMUTSU KAKAP	Shell Malaysia Exploration & Production	2015
BARAM H	Petronas Carigali - SKO	2014
D35	Petronas Carigali - SKO	2014
TKIT-C	Petronas Carigali - SKO	2014
ESA	PHE ONWJ	2014
BYG-H	Petronas Carigali - SKO	2014
WEST LUTONG	Petronas Carigali - SKO	2014
BETTY	Petronas Carigali - SKO	2014
PTSA	Murphy Oil Corporation	2014
WPIA	Murphy Oil Corporation	2014
SAPA	Murphy Oil Corporation	2014
ST JOSEPH	Shell Malaysia Exploration & Production	2014
GUMUTSU KAKAP	Shell Malaysia Exploration & Production	2014
WEST LUTONG	Petronas Carigali - SKO	2014
KAKG-A	Petronas Carigali - SKO	2014
ERB WEST	Petronas Carigali - SKO	2014
BARONIA	Petronas Carigali - SKO	2014
DAMAR A	Exxon Mobil - EMEPMI	2014
D35	Petronas Carigali - SKO	2014
GUNTONG A	Exxon Mobil - EMEPMI	2014
GUNTONG D	Exxon Mobil - EMEPMI	2014
KIKEH	Murphy Oil Corporation	2014
SOUTH FURIOUS	Shell Malaysia Exploration & Production	2014
ERB WEST	Petronas Carigali - SBO	2014
SNPA	Murphy Oil Corporation	2014
IRONG BARAT A	Exxon Mobil - EMEPMI	2013
E11R-C	Petronas Carigali - SKO	2013
BNJT-F	Petronas Carigali - SKO	2013
BARONIA	Petronas Carigali - SKO	2013
TUKAU	Petronas Carigali - SKO	2013
BAYAN	Petronas Carigali - SKO	2013
TEMANA	Petronas Carigali - SKO	2013
WEST LUTONG	Petronas Carigali - SKO	2013
BARAM	Petronas Carigali - SKO	2013
BOKOR	Petronas Carigali - SKO	2013
KAKG-A	Petronas Carigali - SKO	2013
D35	Petronas Carigali - SKO	2013
SOUTH FURIOUS	Shell Malaysia Exploration & Production	2013
M1	Shell Malaysia Exploration & Production	2013

PROJECT / PLATFORM	OIL OPERATOR	YEAR
M3	Shell Malaysia Exploration & Production	2013
D35	Shell Malaysia Exploration & Production	2013
HELANG	Nippon Oil	2013
SEMANGKUK B	Exxon Mobil - EMEPMI	2012
JERNEH A	Exxon Mobil - EMEPMI	2012
GUNTONG D	Exxon Mobil - EMEPMI	2012
SEMANGKUK A	Exxon Mobil - EMEPMI	2012
TCOT	Petronas Carigali - SKO	2012
BARAM B	Petronas Carigali - SKO	2012
TENGGO	Petronas Carigali - SKO	2012
BETTY	Petronas Carigali - SKO	2012
TEMBUNGO	Petronas Carigali - SKO	2012
BOKOR A	Petronas Carigali - SKO	2012
BARONIA	Petronas Carigali - SKO	2012
SAMARANG	Petronas Carigali - SKO	2012
KINABALU C	Shell Malaysia Exploration & Production	2012
SJRD	Shell Malaysia Exploration & Production	2012
SOUTH FURIOUS	Shell Malaysia Exploration & Production	2012
E11	Shell Malaysia Exploration & Production	2012
M1	Shell Malaysia Exploration & Production	2012
BMB/CKD	Carigali HESS - Thailand	2012
BMB/CKD	Carigali HESS - Thailand	2012
PERINTIS	Exxon Mobil - EMEPMI	2011
SELIGI A	Exxon Mobil - EMEPMI	2011
T9/TIOMAN	Exxon Mobil - EMEPMI	2011
SAMARANG	Exxon Mobil - EMEPMI	2011
LAWIT A	Exxon Mobil - EMEPMI	2011
MUHSTARI	Petronas Carigali - PMO	2011
RESAK	Petronas Carigali - PMO	2011
DULANG B	Petronas Carigali - PMO	2011
ANGSI	Petronas Carigali - PMO	2011
CAKERAWALA - TFMS	Petronas Carigali - PMO	2011
MUSHTARI	Petronas Carigali - PMO	2011
MRU	Petronas Carigali - SKO	2011
SAMARANG	Petronas Carigali - SKO	2011
WEST LUTONG	Petronas Carigali - SBO	2011
KIKEH	Murphy Oil Corporation	2011
WEST PATRICIA	Murphy Oil Corporation	2011
KINABALU C	Shell Malaysia Exploration & Production	2011
B11	Shell Malaysia Exploration & Production	2011
E11	Shell Malaysia Exploration & Production	2011
SJRD	Shell Malaysia Exploration & Production	2011
CILI PADI	Shell Malaysia Exploration & Production	2011
F6	Shell Malaysia Exploration & Production	2011
F13	Shell Malaysia Exploration & Production	2011
F23	Shell Malaysia Exploration & Production	2011
ST JOSEPH	Shell Malaysia Exploration & Production	2011
SARKU 300	Shell Malaysia Exploration & Production	2011
BMB/CKD	Carigali HESS - Thailand	2011
T9/TIOMAN	Exxon Mobil - EMEPMI	2010
PERINTIS	Exxon Mobil - EMEPMI	2010
LAWIT A	Exxon Mobil - EMEPMI	2010
TELUK KALONG	Exxon Mobil - EMEPMI	2010
TAPIS A	Exxon Mobil - EMEPMI	2010
IRONG BARAT A	Exxon Mobil - EMEPMI	2010
SAMARANG	Exxon Mobil - EMEPMI	2010
SEMANGKUK B	Exxon Mobil - EMEPMI	2010
GUNTONG D	Exxon Mobil - EMEPMI	2010
SELIGI A	Exxon Mobil - EMEPMI	2010
MRU	Petronas Carigali - PMO	2010
DULANG A	Petronas Carigali - PMO	2010
RESAK	Petronas Carigali - PMO	2010
WEST LUTONG	Petronas Carigali - SKO	2010
ANGSI	Petronas Carigali - SKO	2010
GOPA & GOPB	Murphy Oil Corporation	2010
RESAK	Exxon Mobil - EMEPMI	2009
GOPA	Exxon Mobil - EMEPMI	2009
GOPB	Exxon Mobil - EMEPMI	2009
SEMANGKUK B	Exxon Mobil - EMEPMI	2009
SEKUGU A	Exxon Mobil - EMEPMI	2009
ANGSI	Petronas Carigali - SKO	2009
WET LUTONG	Petronas Carigali - SKO	2009

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