

Start-Up Journey: Kerosene Hydrotreating Unit

On 16 May 2022, straight run kerosene was **successfully charged** into the Kerosene Hydrotreating Unit (KHT). The KHT is designed to treat the straight run kerosene from the Crude Distillation Unit (CDU) by removing contaminants such as organic sulphur and nitrogen, using high purity hydrogen.

Additionally, the KHT produces Hydrotreated Desulphurised Kerosene as the final product for Jet Fuel, Dual Purpose Kerosene (DPK) and the blending component for Diesel products.



KHT Start-up activities by Area 1B team

Significant Processes for KHT Start-up

01 Feed Section

- Remove water from feed stream
- Filter out particles up to 25 µm
- Build up inventory for kerosene feed



02 Reactor and Compressor Section

- Preheat the mixture of raw kerosene and Hydrogen (H₂)
- Treat raw kerosene in Hydrodesulphurisation (HDS) Reactor



04 Product and by Products

- Hydrotreated (HDT) Kerosene
- Wild Naphtha
- Sour Gas



03 Stripper Section

- Strip out Hydrogen Sulfide (H₂S) and light hydrocarbons from kerosene stream



Significant Milestone

We are pleased to share that the first crude delivery after 2 years arrived from Saudi Arabia on 20 May 2022. This is a memorable journey for our start-up progress.



Crude oil cargo at Pengerang Terminals (Two) Sdn. Bhd. (PT2SB)

PRefChem and PT2SB teams seen discussing prior to crude arrival



Tazkirah

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

"Dan sesiapa yang bertaqwa kepada Allah (dengan mengerjakan suruhanNya dan meninggalkan laranganNya), nescaya Allah akan mengadakan baginya jalan keluar (dari segala perkara yang menyusahkannya), Serta memberinya rezeki dari jalan yang tidak terlintas di hatinya. Dan (Ingatlah), sesiapa berserah diri bulat-bulat kepada Allah, maka Allah cukulnya baginya (untuk menolong dan menyelamatkannya). Sesungguhnya Allah tetap melakukan segala perkara yang dikehendakiNya. Allah talahpun menentukan kadar dan masa bagi berlakunya tiap-tiap sesuatu."
(Surah at-Talaq: 2-3)

Quote of the Week

"PIC's voyage thus far has been rather turbulent since its FID in 2014. The key learning for me from these past few years is the value of persistence. Failure is never final as long as we have the courage to move forward. May the rough seas and tough times we endured make us better sailors and give us renewed impetus to become great."



M Aiman B M Sabri
Business Development,
PRPC

#RevengeRayas



It was the first Raya since the COVID-19 pandemic started where we were allowed to travel to our family and friends to celebrate en masse. Many restrictions were lifted earlier this month. Spending two years' worth of pent-up holiday spirit, it seemed like everybody was racing to host a gathering in the last week of Syawal.

We did what we could to re-form the bond lost due to countless online meetups. Some preferred a more intimate congregation to share the joyous season with friends and key stakeholders. So, they went crafty simply by turning their workspace into a small event space for a couple of hours. Some scaled it up with half a day event in big venues. We observed the SOPs nonetheless.



Program Ibadah Qurban dan Aqiqah

Sempena Aidil Adha 1443H/2022M

10 Zulhijjah 1443H/10 Julai 2022



Sebarang pertanyaan boleh hubungi

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Pembayaran boleh dilakukan ke akaun

BANK ISLAM

Surau Al-Muhajirin

No Akaun: 01135010027845

Rujukan/Reference : **Korban PIC**



Sila scan/klik QR Code untuk mengisi maklumat lengkap program ibadah Qurban/Aqiqah anda.

Tarikh tamat menyertai program: **5 Julai 2022**

SCAN ME



What's Good in Pengerang?

Bandar Penawar is one of the most popular choices to live among staff who work at the PIC due to its top amenities in Pengerang. The area surrounding Bandar Penawar was a deep jungle and it was only explored in 1972 by Southeast Johor Development Authority (KEJORA), a body established to develop the areas in southeast Johor. Few settlements have already existed in southeast Johor for hundred of years along Johor's west coast and along Johor River, including FELDA which were established in the 60s. Today, Bandar Penawar is growing rapidly, equipped with almost all basic public facilities and infrastructure such as mosques, multi purpose hall, sports complex, bus terminal, schools, colleges, fire station, police station, post office, library, clinics, food courts, parks and recreational centres.

