

Our Start-Up Journey: The Steam Cracker Unit (SCU)

The Steam Cracker Unit (SCU) has successfully started-up. The SCU will crack Naphtha and LPG at high temperature to produce short chain of hydrocarbon for Petrochemical Plants. On 14 June 2022, Naphtha was successfully fed in the SCU with the quantity of 60 tph on the first day of feed-in.



Naphta feed in activities by Area 4A team

Significant Activities in SCU during Start-up

Hot Section

It includes the furnace, the primary fractionator and the quench.

Furnace

Cracks hydrocarbons into valuable products by the thermal cracking process

Gasoline Fractionator

Cracks gas to Quench Tower. Pyrolysis Gasoline Oil (PGO) and Pyrolysis Fuel Oil (PFO) will be transferred to the strippers

PGO & PFO strippers

Producing PGO and PFO products streams to the refinery

Quench Tower

Quenches heater effluent to stop the undesired reaction

Charge Gas Compressor (CGC)

Compresses charge gas in stages prior to separation

What have we achieved?

On 22 June 2022, it is confirmed that we are Ready for Start-up (RFSU) for Diesel Hydrotreating Unit (DHT).

Let's get our hands dirty!



The successful launch of the PIC Mangrove conservation programme will further support the state's aspirations to develop Sungai Johor Estuary in Pulau Tanjung Surat as an ecotourism attraction. The programme is a collaborative effort between PRPC and PT2SB.

More than RM500,000 was invested in the programme aimed at improving the livelihood of the local community in Pulau Tanjung Surat through collaborative synergies and in partnership with the Pertubuhan Sahabat Hutan Bakau Pulau Tanjung Surat (PSHBPTS).

The programme kickstarted in December 2021 and is expected to run until 2023. As of June 2022, more than 8,300 out of the 21,000 planned mangrove trees have been planted along the 5.5 acres of identified mangrove degraded area and more than 26 local villagers have already been able to generate additional income to-date.

Staffs from both PRPC and PT2SB were also on ground and got their hands dirty with a total of 15 volunteers from PRPC and 13 volunteers from PT2SB participated in the programme alongside PSHBPTS, seeding mangrove trees and contributing their personal time to the sustainable effort. Remarkably, their contribution resulted in 300 trees being planted that day.



Naphtha

On 14 June 2022, Naphtha was successfully fed in the Steam Cracker Unit (SCU) with the quantity of 60 tph (first day of feed in).

What's next?

DHT and ARDS sulfiding.

Start-Up Journey

Propylene Ethylene

We have successfully run down two products from Cracker, propylene (C3) on 26 June 2022 and ethylene (C2) on 27 June 2022. These products will be further upgraded in the Downstream Petrochemical Complex to produce highly differentiated and specialised polymers and chemicals products.

Tazkirah



Allah tidak membebani seseorang diluar kemampuannya. Contoh doa yang boleh diamalkan, "Ya Allah, janganlah Engkau hukum kami jika kami lupa atau kami tersalah. Ya Allah, janganlah Engkau bebankan kepada kami beban yang berat sebagaimana Engkau bebankan kepada orang-orang sebelum kami. Ya Allah, janganlah Engkau pikulkan kepada kami apa yang tak sanggup kami memikulnya. Maafkan kami; dan Rahmatilah kami..."
(al-Baqarah:286)



Quote of the Week

“ Sustainability programs currently being undertaken by PRPC involving communities around us in PIC is aimed at creating positive impact to their livelihood, economically and socially. I feel very proud of working with the local communities and to see them making progress every day, participate and grow together with PIC. Creating opportunities is something I love to do and see it progressing and grow with PIC. ”



M Haizam B Idris

Social Impact Management Unit

Sustainability projects embarked by PRPC includes mangrove conservation program, mussel farming, cooperative development, local community upskilling among others.

What's Good in Pengerang?

Mee Rebus Wak Nosro Sungai Rengit

M Suhaimie Samian, a tender review committee secretariat from Muar, swears that the mee rebus Wak Nosro in Sungai Rengit is the best Johor mee rebus that you can get in Pengerang. "Mee rebus is synonymous with Muar and there are hundreds of mee rebus stalls in Muar district. Growing up sampling various mee rebus, I know what delicious Johor mee rebus is. Wak Nosro's mee rebus fulfils all the checklist". Head of Warehouse Management, Izali Ishak, was astonished when he first tried Wak Nosro's mee rebus. "You will never find this type of mee rebus in Kuala Lumpur. The gravy is so flavourful and thick, unlike the ones that you tried in Kuala Lumpur. Here, the dish is always served with beef or chicken slices or mixed of both. Mee Rebus Legend Wak Nosro is located next to the old Warong Lobster in Sungai Rengit and the family of Javanese descent has been selling mee rebus around Sungai Rengit town for decades.

