

Sapugaskanda oil refinery undergoes 35-day overhaul and renovation programme

The Ceylon Petroleum Corporation's (CPC) Sapugaskanda oil refinery successfully completed a colossal 35-day overhaul and renovation programme recently, aimed to boost efficiency, reliability and productivity of the refinery.

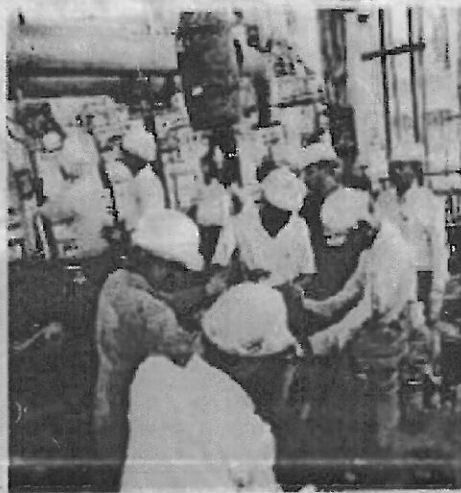
The 50 year old facility, which is the only oil refinery in Sri Lanka, refines imported crude oil to supply 30 percent of the energy demand of the nation. The scheduled renovation in 2018 is a procedure commissioned every three years and it focuses on maintenance and replacing critical facilities and equipment to operate the refinery at optimum levels. The renovation project took place in the three main sections of the plant, namely the Process Plant, Utilities and the Tank Farm.

The large-scale overhaul of the refinery saw the complete shutdown of the facility. The supply gap due to the shutdown of the facility was filled by procuring imported oil by CPC, months ahead of the scheduled 2018 maintenance project.

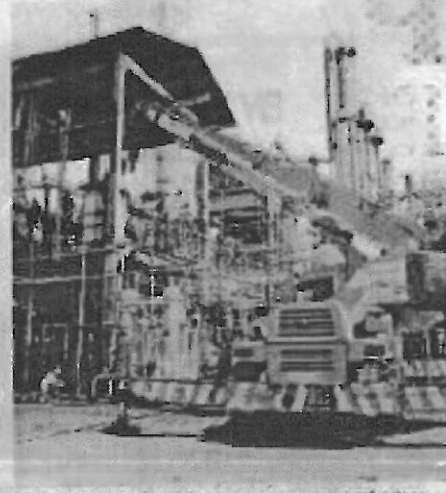
The Sapugaskanda oil refinery facility overhaul saw around the clock inspections, quality testing and maintenance of equipment. This year's maintenance of the refinery importantly replaced several critical equipment in the crude distillation, naphtha hydrotreater, reformer and gas oil hydrotreater units that were nearly 50 years old. Simultaneously during this period, maintenance work took place in the Utilities and the Tank Farm areas.

CPC Chairman Dammika Ranatunga commenting on the overhaul said: "We are committed to ensure the country's future energy needs are met without any interruption. We have adopted a long term strategy to uplift the quality and productivity of the Sapugaskanda oil refinery by installing the latest high-end equipment and renovating key facilities this year. It is a very important project for us as on the long run it ensures we supply uninterrupted energy in an efficient and productive manner. Our vision is to build and strengthen our country's energy security. We plan to incorporate modern standards and processes to transform Sri Lanka's energy landscape to one of the best in Asia."

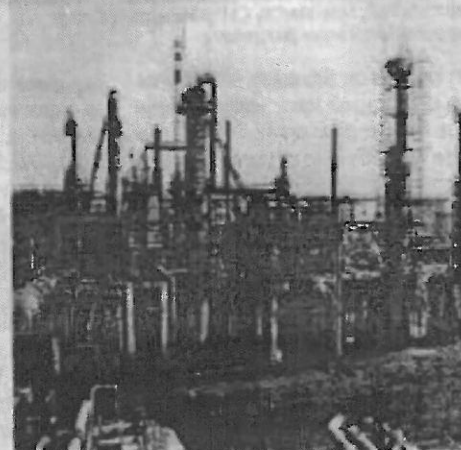
The renovation process commenced on February 19th 2018. Over 1,200 employees,



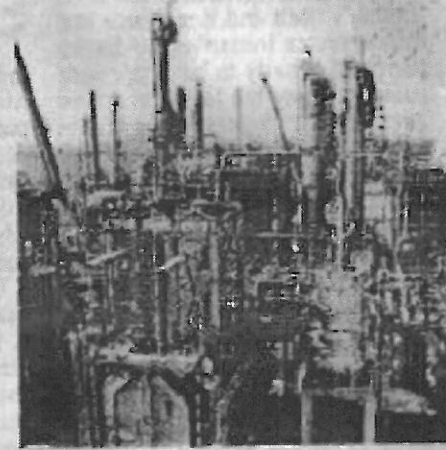
Assembly work of main hydrogen compressor by CPC engineers and technicians



Maintenance of turbines, compressors and other equipment in naphtha hydrotreater and reformer and gas oil hydrotreater units



Renovated visbreaker unit (Fuel oil thermal cracking unit)



Renovated naphtha hydrotreater and reformer and gas oil hydrotreater units

including engineers and mechanics of the refinery worked diligently and often round the clock during the 35 day period to complete renovations as per schedule. Further, the entire renovation process was monitored closely by a quality assurance team and stringent safety standards and global quality testing procedures by the American Society for Testing and Materials (ASTM) and the American Petroleum Institute (API) were followed.

Situated on a 165-acre land, the

Sapugaskanda refinery currently produces 50,000 barrels per day and consists of five large oil tanks with a capacity of 40,000 metric tonnes each. The refinery imports crude oil from the Middle Eastern countries such as Saudi Arabia, Oman and Abu Dhabi. The imported crude oil is distilled by the stipulated refinery standards and processes. The Sapugaskanda oil refinery produces Octane Petrol, Auto Diesel, Kerosene, J1, J2, J3, Bitumen, and LPG and supplies energy to Sri Lanka's major industries.

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මෙම අවදානන අලුත්වැඩියාව සඳහා සපුගස්කන්ද පිරිපහදු මධ්‍යස්ථානයේ

පිරිපහදු ක්‍රියාවලිය

සම්පූර්ණයෙන්ම නවතා තිබුණි. මෙමගින් ඉන්ධන සැපයුමට ඇතිවන බලපෑම වැලැක්වීම සඳහා මීට මාස 35කට පෙර සිටම විධිමත් ආකාරයට අතිරේක බොරපෙල් ආනයනය කිරීමට ලංකා බහිෂ් කෙල් නීතිඥ සංස්ථාව කටයුතු කළේය.

අලුත්වැඩියා කරන ලද සපුගස්කන්ද පිරිපහදුව සම්බන්ධව අදහස් දක්වමින් ධම්මික රණතුංග මහතා මෙසේද පැවැසීය.

රටේ බලශක්ති අවශ්‍යතාවන් බාධාවකින් තොරව සපිරෙන බව තහවුරු කර ගැනීම සඳහා අප සෑම විටම උත්සාහ කරනවා. මෙම වසරේ අලුත් වැඩියාවේදී අති නවීන උපාංග සවි කළමින් සහ වැදගත් ගුණාංග සහිත බොහෝමයක් නවීකරණය කරමින්, සපුගස්කන්ද පිරිපහදුවේ ප්‍රගතිය හා පලදායීත්වය දිරිසැප්වීමට නොවැඩිමමේ වැඩසටහනක් අප ක්‍රියාත්මක කිරීමට නොවේ.

දීර්ඝකාලීනව රටේ බලශක්ති සැපයුම ශක්තිමත් කරන ව්‍යාපෘතියක් වශයෙන් ගත් කළ අපට මෙය ඉතාමත් වැදගත් අපගේ අරමුණ වන්නේ රටේ බලශක්ති සුරක්ෂිතතාව තහවුරු කිරීමයි. ඉදිරියේදී තවත් නවීන ප්‍රවේණි හා ක්‍රියාවලිය භාවිතා කරමින් ලංකාවේ බලශක්ති කර්මාන්තය ආසියාවේ විශිෂ්ටතම මට්ටමකට ඔසවා තැබීමට අප දැනටමත් සැලසුම් කරලා තිබෙනවා.



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