

May 19, 2022

Notice of Long Term Contract for Supply, Operations and Maintenance of Hydrogen and Nitrogen Facilities in Peru

Nippon Sanso Holdings Corporation ("NSHD", President CEO: Toshihiko Hamada) hereby announces that Matheson Global HYCO Peru SRL, a group company of NSHD's U.S. operating company, Matheson Tri-Gas, Inc. ("Matheson", headquartered in Texas, U.S.), has signed an agreement with Petr leos del Per  (Petroper ), the Peruvian National Oil Company, to operate, maintain and supply gaseous hydrogen and nitrogen from the hydrogen and nitrogen plants that are currently being completed and brought on-stream together with a number of refinery plants at Petroper 's Talara refinery. Matheson's Global HyCO was awarded the business and responsibilities by Petroper  based on the very high quality record we have in this area of HyCO business (*) operations and the value of our offer to Petroper .

The Talara refinery is completing a major refinery upgrade involving new process units that are targeted to enable crude processing capacity of 95,000 barrels per day and with more complexity to enable the production of very high quality transport fuels that meet national and international standards from a diverse crude oil slate. The new refinery process units that have been added include three hydroprocessing units to remove sulfur from gasolines and diesel and produce ultra-low sulfur fuels using hydrogen. The hydrogen plant being established has among the most efficient designs of its kind, which inherently supports a conservation perspective.

Matheson Global HYCO Peru SRL will operate these facilities for 20 years to supply hydrogen and nitrogen to Petroper  per our global HyCO operational safety and supply reliability standards. The hydrogen and nitrogen plants are now mechanically complete and are currently in stages of commissioning along with the rest of the refinery. (**) Commercial supply of hydrogen and nitrogen is expected to begin later this year per timeline considerations that are coordinated with the refinery start-up and gas needs profile.

NSHD will continue to explore and develop opportunities to realize a carbon-neutral society by expanding the Matheson led Global HyCO business.

(*) HyCO business :

It provides on-site supply of hydrogen (H₂) and carbon monoxide (CO) to the petroleum refining and petrochemical industries.

(**) Petroperú news release reference:

[Hydrogen production plant of the New Talara Refinery is ready for commissioning](#)

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