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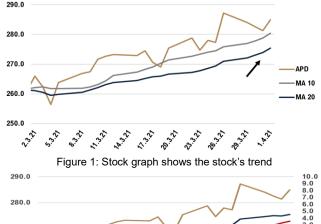
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# Air Products & Chemicals Inc. April 5, 2021

APD.N, Chemical Manufacturing Academic – Research Team

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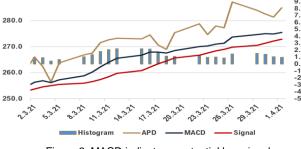


Figure 2: MACD indicates a potential buy signal

Figure 3: +DMI14 moved above -DMI14



Figure 4: Candle Bar Chart

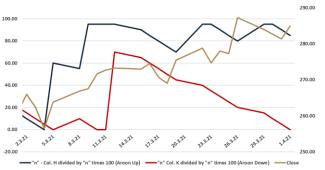


Figure 5: Aroon-Up crossed above Aroon-Down

# Firm's Brief Description

Air Products and Chemicals, Inc., is an industrial gases company. The Company's Industrial Gases business provides atmospheric and process gases and related equipment to manufacturing markets, including refining and petrochemical, metals, electronics, and food and beverage. The Company is also a supplier of liquefied natural gas process technology and equipment. The Company operates through five segments: Industrial Gases-Americas, Industrial Gases-Europe, Middle East, and Africa (EMEA), Industrial Gases-Asia, Industrial Gases-Global, and Corporate and other.

## **Fundamental Approach**

- Air Products signed a virtual power purchase agreement for wind electricity in Poland on 30<sup>th</sup> of March.
- Hydrogen generation market size is predicted to upsurge at 4.32% CAGR by 2027, owing to the increasing demand for greener & cleaner energy sources.
- APD is less volatile than 75% of US stocks over the past 3 months, typically moving +/- 4% a week.
- Q1 Industrial Gasses EMEA sales gained 13% Y/Y to \$563 million, operating income rose by 17% to \$142 million and operating margin jumped 25.1%

## **Technical Analysis**

According to Figure 1, the 10-day MA crossed above the 20-day MA providing a potential buy signal. In Figure 2, MACD was above the signal line during the examined period, indicating a bullish trend in the stock and a possible buy signal. Moreover, +DMI14 surpassed –DMI14 on March 5th, demonstrating a potential bullish trend. In the Candle Bar chart (Figure 4) the positive changes were more than the negative changes from March 2nd to April 1st. Lastly, Aroon-Up, crossed above Aroon-Down as the fifth graph depicts, pointing out a probable buy signal.

#### **Prediction**

Considering the technical analysis above and the positive momentum of the stock, a potential buy signal is recommended. The news regarding the volatility of the APD stock over the past three months and the bullish trend as well further supports this prediction.



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