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The importance of Quality, Safety and Environmental Aspects in Chemical Industry

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Pharmaceutical Chemical Cosmetic Industry ALKALOID AD Skopje plays an important role in the circular economy. One part of this industry encompasses production of a wide range of chemicals intended for laboratory, industry and consumer use, products used for agriculture production, cleaning agents and disinfectants.

Maintaining quality is essential to delivering quality, safe and efficient products, enhancing customer satisfaction and establishing a positive industry reputation, while optimizing operational efficiency and competitiveness in the market. Ensuring safety and health is paramount, mitigating risks, protecting workers and preventing accidents, while maintaining compliance and fostering a culture of responsibility. The production and use of chemicals have impacts on the environment. By embracing sustainable practices such as green chemistry, waste reduction, management of environmental aspects, energy efficiency and responsible waste management, ALKALOID AD Skopje reduces its environmental footprint.

ALKALOID AD Skopje is able to foster innovation, build trust, and contribute to a sustainable future by emphasizing quality, safety and environmental aspects.

Keywords: quality, safety, environmental, chemical, industry

References:

- 1. International Organization for Standardization.(2015).Quality management systems (ISO Standard No. 9001) Retrieved from https://www.iso.org/standard/62085.html
- 2. International Organization for Standardization. (2018). Occupational health and safety management systems(ISO Standard No. 45001). Retrieved from https://www.iso.org/standard/63787.html
- 3. International Organization for Standardization.(2015). Environmental management systems (ISO Standard No. 14001). Retrieved from https://www.iso.org/standard/60857.html