

Industrial sludge dewatering using geotextile tubes

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Abstract

Thanks to the superiority of efficient and effortless dewatering properties of geotextile tubes, the numerous projects have accomplished with permeable containers. But, the accumulated data and various comparison of dewatering process were rarely being ferreted out to quantitatively demonstrate the applicability of geotextile tube. The authors have gathered and investigated the information of practical industrial sludge dewatering case in Taiwan, aim to present the difference in characteristics of geotextile tubes, drying beds and dewatering machines for sludge dewatering in the view of “3E”, engineering, economical, and environmental. The consequences manifest the vantage of the geotextile tubes.

Keywords: Dewatering Equipment, Technical textile, Waste Water Filter, Sludge Dewatering