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ICWTNS 2024



PROCEEDING OF 2nd INTERNATIONAL CONFERENCE ON WIRELESS TECHNOLOGIES, NETWORKS AND SCIENCE

2024
11th-12th MAY



Editor(s): Dr. Ciro Rodriguez, Dr. Ashish Bagwari, Dr. Jyotshana Bagwari

ISBN No. 978-93-340-1708-3

ORGANIZED BY:

NATIONAL UNIVERSITY MAYOR DE SAN MARCOS, PERU & ADVANCED AND INNOVATIVE RESEARCH LABORATORY (AAIR LAB), DEHRADUN, INDIA

www.icwtns.aairlab.com

<https://www.iieta.org/node/15807>

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Paper ID - ICWTNS-2024_195

**PAPER TITLE-PERFORMANCE EVALUATION OF FOAMED
CONCRETE BY THE PROPOSED METHOD OF TWO-STAGE
FOAM INJECTION
USING A MODIFIED ADDITIVE**

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ABSTRACT- The study focuses on foam concrete produced by the classical method and the two-stage foam introduction method. The problem addressed is the uneven distribution of the foam concrete's pore structure vertically. Measurements revealed a significant scatter in the density and strength of samples produced by the classical method compared to the two-stage foam introduction method. This scatter is attributed to the influence of the foam concrete production process on the quality of the material's pore structure. The two-stage foam introduction method demonstrated less scatter in density and strength, indicating a more uniform distribution of the pore structure. These findings can be used to optimize the foam concrete production process, improve its properties, and expand its application areas in construction. The results highlight the influence of the modified additive on the strength indicators of foam concrete. The study's findings have practical implications for enhancing the quality and application of foam concrete in the construction industry.

ҚАЗАҚСТАН РЕСПУБЛИКАСЫ



РЕСПУБЛИКА КАЗАХСТАН

СВИДЕТЕЛЬСТВО

О ВНЕСЕНИИ СВЕДЕНИЙ В ГОСУДАРСТВЕННЫЙ РЕЕСТР ПРАВ НА ОБЪЕКТЫ, ОХРАНЯЕМЫЕ АВТОРСКИМ ПРАВОМ

№ 39776 от «19» октября 2023 года

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Дата создания объекта: 03.10.2023



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