

Proposal of Solidification/Stabilisation Process of Chosen Hazardous Waste by Cementation

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Abstract : This paper presents a part of the project solving which is dedicated to the identification of the hazardous waste with the most critical production within the Czech Republic with the aim to study and find the optimal composition of the cement matrix that will ensure maximum content disposal of chosen hazardous waste. In the first stage of project solving - which represents this paper - a specific hazardous waste was chosen, its properties were identified and suitable solidification agents were chosen. Consequently solidification formulas and testing methodology was proposed.

Keywords : cementation, solidification, waste, binder

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