Accepted Manuscript

Title: A novel method of utilization of hot dip galvanizing slag using the heat waste from itself for protection from radiation

Authors: Mengge Dong, Xiangxin Xue, Ashok Kumar, He Yang, M.I. Sayyed, Shan Liu, Erjun Bu

PII: S0304-3894(17)30821-X

DOI: https://doi.org/10.1016/j.jhazmat.2017.10.066

Reference: HAZMAT 18972

To appear in: Journal of Hazardous Materials

Received date: 8-8-2017 Revised date: 24-10-2017 Accepted date: 31-10-2017

Please cite this article as: Mengge Dong, Xiangxin Xue, Ashok Kumar, He Yang, M.I.Sayyed, Shan Liu, Erjun Bu, A novel method of utilization of hot dip galvanizing slag using the heat waste from itself for protection from radiation, Journal of Hazardous Materials https://doi.org/10.1016/j.jhazmat.2017.10.066

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

A novel method of utilization of hot dip galvanizing slag using the heat waste from itself for protection from radiation

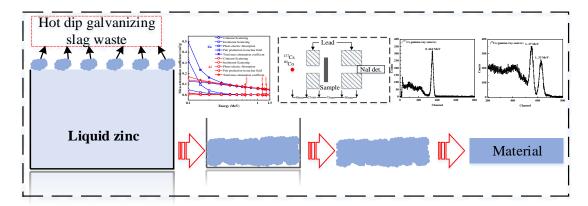
Mengge Dong^{a,b}, Xiangxin Xue^{a,b,*}, Ashok Kumar^c, He Yang^{a,b}, M.I. Sayyed^d, Shan Liu^{a,b}, Erjun Bu^{a,b}

a Department of Resource and Environment, School of Metallurgy, Northeastern University, Shenyang 110819, China

b Liaoning Provincial Key Laboratory of Metallurgical Resources Recycling Science, Shenyang 110819, China

- c Department of Physics, University College, Benra Dhuri, Punjab, India
- d Physics Department, University of Tabuk, Tabuk, Saudi Arabia
- *Corresponding author–E-mail: mg_dong@163.com; xuexx@mail.neu.edu.cn

Graphical abstract



Highlights

- Novel method of utilization of hot dip galvanizing slag using the heat waste from itself for protection from radiation.
- Good agreement is observed between experiment and WinXCOM results.

Download English Version:

https://daneshyari.com/en/article/6969414

Download Persian Version:

https://daneshyari.com/article/6969414

<u>Daneshyari.com</u>