

Accepted Manuscript

Title: Optimal multi-floor process plant layout with production sections

Author: Jude O. Ejeh Songsong Liu Lazaros G. Papageorgiou

PII: S0263-8762(18)30357-5

DOI: <https://doi.org/doi:10.1016/j.cherd.2018.07.018>

Reference: CHERD 3272



To appear in:

Received date: 9-2-2018

Revised date: 16-6-2018

Accepted date: 12-7-2018

Please cite this article as: Jude O. Ejeh, Songsong Liu, Lazaros G. Papageorgiou, Optimal multi-floor process plant layout with production sections, *Chemical Engineering Research and Design* (2018), <https://doi.org/10.1016/j.cherd.2018.07.018>

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.

Highlights*Optimal multi-floor process plant layout with production sections*

- Simultaneously addresses multi-floor site and plot process plant layout;
- Case studies of up to 22 units and 6 production sections;
- Globally optimal solutions in as early as 12 mins for the 22-unit case;
- Models with production sections outperform those without production sections.

Accepted Manuscript

Download English Version:

<https://daneshyari.com/en/article/11003254>

Download Persian Version:

<https://daneshyari.com/article/11003254>

[Daneshyari.com](https://daneshyari.com)