

Accepted Manuscript

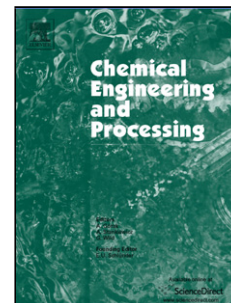
Title: Vapor Split Manipulation in Extractive Divided-Wall Distillation Columns

Author: William L. Luyben

PII: S0255-2701(17)31166-2
DOI: <https://doi.org/10.1016/j.cep.2018.02.022>
Reference: CEP 7204

To appear in: *Chemical Engineering and Processing*

Received date: 17-11-2017
Revised date: 15-2-2018
Accepted date: 21-2-2018



Please cite this article as: William L. Luyben, Vapor Split Manipulation in Extractive Divided-Wall Distillation Columns, Chemical Engineering and Processing <https://doi.org/10.1016/j.cep.2018.02.022>

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.

Submitted to Chemical Engineering and Processing: Process Intensification

CEP-2017-1006

Vapor Split Manipulation in Extractive Divided-Wall Distillation Columns

William L. Luyben

Department of Chemical Engineering

Lehigh University

Bethlehem, PA 18015

USA

November 17, 2017

Revised February 15, 2018

WLL0@Lehigh.edu; 610-758-4256; FAX 610-758-5057

Highlights

- Extractive divided-wall columns (E-DWC) have the partition in the top section of the column with a condenser on each side.
- Control is improved by manipulating the vapor split using condenser pressure.

Download English Version:

<https://daneshyari.com/en/article/7088675>

Download Persian Version:

<https://daneshyari.com/article/7088675>

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