

Plate and Frame Filter Process Improvement

INDUSTRIAL FILTRATION | PLATE AND FRAME FILTER PROCESS IMPROVEMENT

Sud Chemie Inc

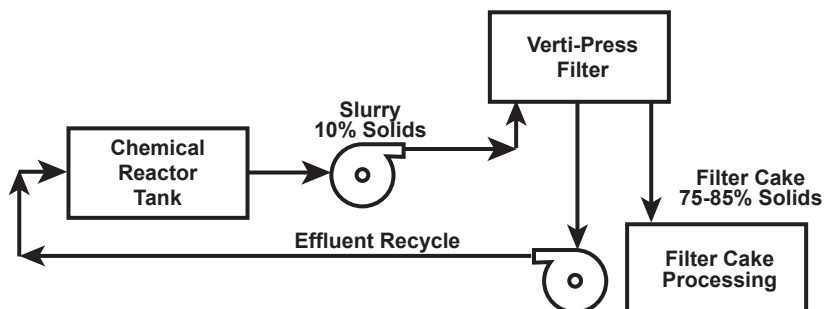
PRODUCT USED:

**Verti-Press Automatic
Filter Press**



END USER:	Sud Chemie, Inc.
LOCATION:	Louisville, Kentucky
UNITS:	(1) VP-100-5-(7) – 316SS
RATE:	10 Ton/day Dry Catalyst
PROCESS:	Filtering, washing and dewatering of Catalyst

PLATE AND FRAME FILTER-PROCESS FLOW DIAGRAM



MORE INFO

The Sud Chemie. facility produces a variety of specialty chemicals and catalysts.

The Verti-Press filter is the key device used in this process because it filters, washes, and dewateres this specialty chemical product.

Previous to installation of the Verti-Press Filter, Sud Chemie utilized plate and frame filters along with various dilution tanks to filter, wash, and dewater the product.

After conducting an extensive engineering study, and testing a variety of pieces of equipment, the Verti-Press was selected as the best available technology to improve their process.

Two key features of the Verti-Press filter that gave this

product the technical advantage during the extensive evaluation were:

- 1) its ability to efficiently wash the product via the robust plug flow wash design, and
- 2) the chamber isolation feature which allows the unit to continue to operate with any permutation of chambers offline.

These two advantages of our wastewater filter press maximize production rate, and allows the end user to produce a pure, quality product, as quickly, and as efficiently as possible.

Get all your filtration and separation equipment in one place. Give us a call today to get the expert help you expect, 248-427-9090