Solid Processing Plant

\[ 500,000 \text{ Purchased Equipment Cost} \]

Addition to Existing Plant

Estimate TCI and FCI

\( \{ \text{Wages cost and } \% \text{ of } \text{ENGR \& SUPERVISION} \text{ cost and } \% \text{ of } \text{contractor's fee} \} \)

Use Method C - Study Estimate from Table 6-9

Based on Delivered Equipment Cost

\[
\begin{align*}
\text{Delivered Equipment} &= 500,000 \text{ Purchased Equipment} \\
&+ 50,000 \text{ Delivery Brand on } 10\% \text{ of Purch. Equip.} \\
&= $550,000
\end{align*}
\]

For Solid Processing Plant - Left Hand Column in Table

\[
\text{Engr \& Supervision} = 33\% \times \text{Delivered Equipment}
\]

\[
= (0.33)(550,000)
\]

\[
= 181,500
\]

\[
\text{Contractor's Fee} = 17\% \times \text{Delivered Equipment}
\]

\[
= (0.17)(550,000)
\]

\[
= 93,500
\]