

IDCU-Zero Recycle Technology

US Cokertech patent pending IDCU-Zero Recycle Technology. “IDCU-Zero Recycle” Technology greatly increases the liquid recovery by eliminating Fractionator recycle formation, processing coker slop in the fractionators and operating at lower coking drum pressure due to fractionators steady state operation, thus resulting in significantly improved Coker efficiency, profitability, reliability and safety.

The most significant improvements are:

- Zero recycle formation: The Fractionator operates at steady state mode, which allows us to adjust the operating parameters and to eliminate the recycle formation. Zero recycle can increase the liquid yield and products overlap by 5% minimum and increase the heater capacity and decrease fuel consumption.
- Lower Coking Drum operation: Lower coking drum operation, due to recycle elimination and less recycle vapor formation, which increases the liquid yields and less coke production
- Zero Coker slop production to refinery: Added IDCU – Zero recycle system will automatically balances the required parameters during slop processing and allow to operate the Fractionator at steady state mode. Therefore, additional liquid recovery and zero coker slop production to the refinery.

US Cokertech, LLC will guarantee the performance and provide initial capital investment to implement the IDCU-Zero Recycle Technology with no risk to refinery. After completion and verification of performance, refinery will pay a fee of \$ 450,000. Payment will be made within 15 days of verification. Within 30 days of completion if refinery desires not to use the technology, US Cokertech will remove the equipment within 30 days with no cost to refinery. Implementing our technology usually results in a payout of less than few days. Unit shut down is not required and implementation requires six to eight weeks to complete. This offer is valid for first three Cokers only.

For more information please contact.

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