

Capabilities

- Liquid Phase Decontamination
- Vapour Phase Decontamination
- Hydrocarbon Phase Asphaltene removal
- Full Unit Decontamination
 - Battery limit to battery limit
 - Early tie in with operations
 - Reduce maintenance window
 - Advantages on startup
- Purpose built equipment



Proprietary Chemistry

1. Decon88™ – Hydrocarbon decontamination
2. Pro-Ox™ – Oxidisation of pyrophoric's
3. V-Purge™ – Vapour phase treatment
4. Pro-Flow™ – Hx performance restoration
5. ProDecon-216™ – Rapid H2S removal
6. Pro-Solv™ – Asset performance restoration
7. ACF® – Ammonium salt treatment
8. VTX™ - Chemical water treatment / odour removal.
9. Polarchem – Online furnace cleaning
10. PFAScrub™ - PFAS decontamination

Case Study – Pro-Solv™

CLIENT

UK Refinery

SCOPE

Development of in-house chemistry to decontaminate problematic heat exchangers.

CHALLENGE

Client had two heat exchangers which were fouled and problematic to clean leading to replacement every two years. Other chemical cleaning companies had tried and failed to remove foulant.

SOLUTION

ProDecon® took samples of the foulants and in a matter of months, developed a chemistry in-house that effectively restored the performance of the heat exchanger in-situ.

The chemistry was named Pro-Solv™ and has developed into a market leading solution for asset performance restoration.



RESULTS

Saved client a significant sum of CAPEX

Exchangers effectively cleaned in-situ

Development of market leading chemistry

Chemistry widely adopted by the market



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