



Engenda
Group

COLUMN TURNAROUND



Engineering change

PLANNING / MANUFACTURE / INSTALLATION / INSPECTION

From initial planning through to project execution, Engenda Group can handle multi-column turnarounds with highly trained and competent personnel.

Engenda Group has a specialist mechanical services division operating in the petrochemical shutdowns sector.

Engenda Group can provide an all encompassing column turnaround specialist service addressing all aspects of column related work. With the ability to manage any mass transfer equipment change outs, spading and de-spading, supply and installation of new nozzles, install tower attachment and shell modifications plus general column inspection work. From initial planning through to project execution, the highly trained and competent Engenda Group team can deliver multi-column turnarounds.

Our fabrication facility manufactures replacement trays, distributors, support grids, etc. Emergency supply including hardware replacement services is a particular expert capability. Our complete automated weld overlay service enables the application of corrosion resistant alloys to the internal surfaces of ageing columns increasing operational lifespan.

OUR CAPABILITIES INCLUDE:

- Column revamps such as vacuum columns, fractionators etc.
- External spading and de-spading
- External man door opening/closing
- Internal tray manway opening/closing
- Column inspection services
- Mass transfer equipment changeovers
- Collapsed tray removals
- Emergency delivery of replacement equipment
- Column shell attachments (tray rings, bolting bars, support stools etc)
- Vapour horn repairs and replacements
- Corrosion mitigation via manual or automated weld overlay
- Supply and installation of new nozzles and manways
- Patch plates
- Column section replacements
- Project management
- Hardware replacement



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