



CHEMICALS



Our 40 years of experience in manufacturing of pressure vessels, heat exchangers and columns has enabled Allia to develop its skills and to acquire the know-how to meet the demands of the Chemicals market.

OUR CAPABILITIES

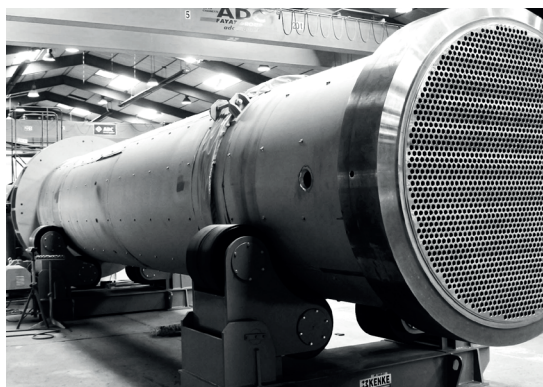
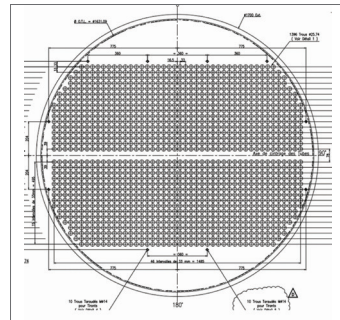
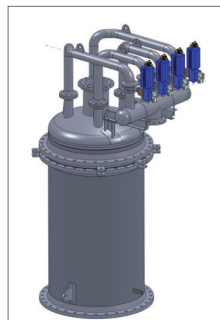
DESIGN

THERMAL DESIGN

MECHANICAL DESIGN 2D AND 3D

3D MODELLING

DETAIL DESIGN



MANUFACTURING

PRESSURE VESSELS
(HEAT EXCHANGERS, COLUMNS...)

FABRICATED EQUIPMENT

PIPING

INTEGRATION OF INSTRUMENTATION
AND VALVES

COMMISSIONING & START-UP

SITE INSTALLATION

COMMISSIONING/START-UP & PERFORMANCE
TESTS

EXTRACTION AND RE-TUBING OF TUBE BUNDLES



THEY TRUST US

A unique collection of skills to perform turnkey projects



EXAMPLES :

ARKEMA/ France

Reactor inox 1.4541

Construction code : CODAP 2010 Cat B1

Mechanical calculation

Length : 14 m - $\varnothing$: 2 380 mm - Weight : 33,7 T



JSC / Russia

4 Tubular exchangers

Code : ASME + Rostekhnadzor

Bundle 900 U tubes - $\varnothing$: 27 mm - Ep : 2,5 mm

Length : 1450 mm - Inox 321 (1.4541)

Tube sheet inox 321 (1.4541)

Exchange surface : 264 m²

Weight : 14,3 T

LUBRIZOL / France

**Manufacturing of
2 reactors in Monel**

Thickness : 10 mm

$\varnothing$: 4.2m

Height : 9.2m

Definition and supply
of the complete modular
Installation and
commissioning assistance

