

APPLICATION SHEET: ATEX compliancy

Application:

Making the existing equipment compliant according to the **ATEX 94/9/CE** directive.

The material is installed on site for a **Zone 2** (Category 3) area and a **T4** temperature class (*maximum surface temperature of 135°C*).

The installed pump will allow the racking and transfer of the product (*Xylenebased fluid*) from an underground vat.

The **POMPES GROSCLAUDE** solution:



Pump in conformity ATEX - II 2 G T4



On-site pump before the putting in conformity.

Analyzing the solution

- Carry out pump transformation for **ATEX compliancy**.
- Carry out analysis of the risks linked to zoning.
- Modify the **tightness system** on the motor shaft.

Technical description

- Pump model (**ATEX II3G T4**)
R4-315-160-3-2A
- Centrifugal pump in the **R4** range.
- **Self-priming** stainless steel 316L pump
- Assembly with **double mechanical seal** using a **cartridge** or lubrication tank.

Main advantages

- Thanks to its unique design, the R4 pump provides perfect **environmental protection**.



Inlet/outlet of the double mechanical seal cartridge

EXTRACTION
SOUS VIDE

FLUIDES
THERMIQUES

ATEX

MOTEUR
PNEUMATIQUE

R4 – R15

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