Paul MONNIER

Project Engineer · Construction & CAPEX

Pharma GMP · Cleanrooms · HVAC · Electrical · Fire safety

+41 77 525 62 03 paul.monnier1998@gmail.com 1170 Aubonne (VD), Switzerland **B permit**
28 years old **Available immediately · 100 %**



PROFILE

ICAM engineer (Master's degree) with **6 years of hands-on experience**: civil engineering sites, electrical works, then CAPEX projects in pharma GMP on the owner's side, up to **Building Lead** on a production extension. A generalist, I connect users, production, contractors and engineering firms, from requirements to commissioning, on sites that never stop running.

≈ €30 M
Building scope managed within a €200 M extension

2 shutdowns
to tie in with live production, with no incident

3 sites
run at once in civil engineering, with crews and subcontractors

7 people
3 consultants managed and 4 mentored on site

AREAS OF EXPERTISE

Project management

- Owner's representation
- User requirements (URS), building permits
- Bid analysis, budget control
- Scheduling, Gantt charts
- Steering committee reporting

Technical

- GMP cleanrooms (grades C and D)
- HVAC: AHUs, CO_2 refrigeration
- Power and low-voltage electrical
- Fire safety: sprinklers, detection, gas suppression
- Utilities, FAT / SAT, IQ / OQ support

Site & team

- Works on live sites, planned shutdowns
- Contractor and subcontractor coordination
- Site safety and QHSE
- Troubleshooting of special machinery
- Team management and coaching

PROFESSIONAL EXPERIENCE

CAPEX Project Engineer → Building Lead

May 2024 – Jul. 2026

Octapharma, Lingolsheim (FR) · Fortil consultant, then Practice Manager

Live GMP pharmaceutical site, €200 M extension programme (building, process, utilities). Owner-side role.

EXTENSION – NEW PRODUCTION UNIT · ≈ €30 M · 2 YEARS

- Assisted a senior project manager, then **Building Lead** when he left: managing cleanroom, cold room, electrical, HVAC, EMS, flooring and sprinkler packages, schedule, budget, reporting.
- Interface with production, qualification, maintenance and HSE; **2 shutdowns with no incident**, from execution to qualification **with no schedule slippage**.
- FAT / SAT of special machinery (washers, autoclaves), IQ / OQ support and troubleshooting with automation teams and suppliers.

OTHER CAPEX PROJECTS RUN IN PARALLEL

- **Sprinkler system** for the production building and unloading area (€1 M): from design to commissioning, including staff training.
- **Conversion of offices into laboratories** (€250 k) on an occupied site: delivered in 2 months, €50 k saved.
- **Building permit** for a logistics and laboratory building (12,000 m², €18 M) and drafting of the URS.

MANAGEMENT

- Fortil Practice Manager: managed **3 consultants** on site and mentored 4 others.

Electrical Works Engineer

Jun. 2023 – May 2024

Eiffage Énergie Systèmes, Ostwald (FR) · consultant

€3 M electrical package on the extension of a live pharmaceutical site.

- Works management: distribution boards, machine and HMI interlocks, fire detection, emergency lighting.
- Subcontractor coordination, set up the **Gantt chart**, work permits and safety; delivered with no schedule slippage.
- This assignment led to my hiring by Octapharma.

Project Engineer – final-year project

Jan. – Jul. 2022

Solstiss, Lille (FR)

- Special machine retrofit: SolidWorks design, automation, supplier sourcing and costing.

Apprentice Works Engineer – Civil Engineering

Sept. 2019 – Sept. 2022

NGE (Broutin TP), Harnes (FR) · work-study programme

Roads and utility networks contractor, about 50 employees.

- Assistant to the account manager on the rebuild of an avenue's roads and utility networks (≈ €10 M).
- Ran my own sites for cities, industrial and private clients: up to **3 sites at once**, with several crews and up to 4 subcontractors.
- Scheduled crews and works according to equipment fleet availability; quotes, orders, budget and safety follow-up.
- Liaison with town halls, technical services and surveyors; client retention, no accidents on site.

EDUCATION

General Engineering Degree – ICAM Paris, 2022
Master's degree, CTI-accredited · work-study

DUT Mechanical & Production Engineering – IUT de Lille, 2019

LANGUAGES & TOOLS

French native
English professional (B2)
German basic

CAD / BIM AutoCAD, Navisworks, SolidWorks, Catia V5
Management Planisware, Fieldwire, Gantt, MS Office, DocuSign

ADDITIONAL INFORMATION

Permits Swiss B residence permit · car and motorcycle licence
References on request: Cédric Fabing (Octapharma), Daniel Della Chiara (Eiffage)
Interests motorcycling and road trips, mechanics, apartment renovation, furniture design, home automation

pmonnier.com
Projects, site photos and meeting booking