# Samir Darwish

## Fire Protection Engineer

fire-protection-engineer@example.test · Abu Dhabi, UAE

### Design and verification

**Six occupied floors** — Reviewed a phased refurbishment and identified interruptions that needed a separate review.

**38 commissioning points** — Mapped integrated tests to the issued fire-alarm and building-services interfaces.

**14 interface issues** — Tracked design and installation differences to documented disposition before witness testing.

**Summary**

Fire protection engineer coordinating designs and commissioning evidence for occupied developments. Reviews system interfaces, documents assumptions and supports submission to the responsible reviewers. Experienced in resolving disagreements between drawings, fire-alarm matrices and package tests without masking outstanding decisions.

## Experience

### Senior Fire Protection Engineer

**Safewater Design Partners** | 2021-07 – Present

- Reviewed six occupied floors for a staged refurbishment. Assessed fire-alarm, access-control and smoke-control interfaces against issued layouts. Highlighted any interface that needed the lead designer or authority reviewer to determine the final approach.
- Built a record for 38 commissioning points. Linked each test to the alarm cause-and-effect entry, drawing revision and witness role. Retained the full sequence when trades preferred to test in isolation.
- Closed design coordination on 14 interface issues by tracing differences to drawings or equipment schedules. Split required changes from proposals needing approval and verified the updates in the responsible package.
- Compared hydraulic model assumptions with contractor submittals before review. Recorded the source of design inputs and submitted exceptions for assessment where installation details had changed.

### Fire Systems Design Engineer

**Redmere Building Engineering** | 2016-08 – 2021-06

- Produced layout and equipment coordination drawings from the issued design basis. Reviewed ceiling clashes with the mechanical team and issued clear queries where coverage or access could be affected.
- Tracked review comments from concept through shop-drawing release. Linked each accepted change with the revised drawing and retained the unresolved decisions for the next design review.
- Prepared a commissioning evidence index with the package engineers. Cross-checked equipment locations in the site record before assigning any open-test action.

## Education

### BEng Mechanical Engineering

**Al Marjan Institute of Engineering** | 2016

## Skills

Fire protection design review · System interface coordination · Hydraulic modelling · Commissioning evidence · Drawing control

## Languages

Arabic · English