

Interview Prep Questions — AbbVie / Sterling Engineering

Building Automation Controls Engineer

Questions to Ask the Interviewer

About the Role

- What does a typical day/week look like for this position?
- Is this primarily new construction, retrofit, or legacy system migration work?
- What's the ratio of fieldwork to office/programming time?
- Will I be working directly on-site at AbbVie facilities?

About the Technical Environment

- What version of Desigo CC is standardized at AbbVie?
- Is there any legacy Siemens Insight infrastructure still in play?
- What controller platforms are deployed? (PTEC, MBC, TEC, PXC?)
- Are there BACnet/IP or BACnet MSTP networks, or both?
- What types of systems does this role cover? (HVAC only, or also lighting/fire/access?)

About the Team & Growth

- How large is the controls engineering team on this account?
- What does the training/certification path look like for Siemens systems?
- Is there potential for this to convert to a permanent role?
- Who would I report to day-to-day?

About Sterling Engineering

- How long has Sterling been partnered with AbbVie on this account?
- Is there opportunity to work on other Sterling accounts in the future?

Technical Prep — Key Topics to Review

- ☐ PPCL scripting syntax and common sequences
- ☐ BACnet object types (AI, AO, BI, BO, AV, BV, MSV)
- ☐ DDC vs pneumatic controls — key differences
- ☐ PID loop tuning methodology
- ☐ VAV box troubleshooting sequence
- ☐ Sequence of Operations reading/writing
- ☐ AHU, chiller, boiler control sequences