

Tariq Hassan

Structural Engineer

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Jonathan Price

Buro Happold

Dear Jonathan,

I am writing about the Structural Engineer position at Buro Happold's Manchester studio. I have spent the past three years at Arup working on building structures in the North West, and Buro Happold's reputation for engineering complex and architecturally ambitious buildings. Particularly the retrofit and adaptive reuse work I have seen from the Manchester office. Is what prompted me to apply.

My current focus is a 14-storey residential tower in Manchester city centre, where I am the lead design engineer for an RC frame with post-tensioned flat slabs achieving 8.5m clear spans. I have coordinated with the architect and MEP engineer to resolve 40+ clash issues in the BIM model and the project is now in RIBA Stage 4. I also designed the steel transfer structure for a £28 million mixed-use scheme at NOMA and carried out structural assessments on six existing buildings for change-of-use applications, which is the area I find most interesting. Before Arup, I spent 18 months at Atkins where I designed steelwork for a £9 million school extension and produced foundation designs for an NHS health centre on contaminated land.

I hold a First Class MEng in Civil and Structural Engineering from the University of Manchester, and my IStructE professional review is booked for late 2026. I am proficient in Tekla Structural Designer, Robot, AutoCAD, and Revit. I would welcome the chance to discuss how my design experience and growing interest in retrofit work could contribute to the team.

Best regards,

Tariq Hassan