

Mechanical Engineer – Design & Shop Drawings and Mechanical BIM Manager

For a well-known engineering company in Kaslik

Major: degree in Mechanical Engineering, or any related field

1- Mechanical Engineer – Design & Shop Drawings:

Experience: 3–6 years of experience in MEP design & shop drawings

Major Responsibilities:

- Prepare HVAC, plumbing, and fire protection designs & shop drawings using Revit & AutoCAD
- Ensure compliance with project specs, codes, and client requirements
- Coordinate with architectural, structural, and electrical teams
- Participate in design reviews and apply required modifications
- Assist with BOQs, equipment schedules, and technical documents
- Support value engineering and system optimization
- Maintain proper drawing control and documentation

Additional Requirements:

- Strong skills in Revit (MEP) & AutoCAD
- Knowledge of international standards

2- Mechanical BIM Manager:

Experience: 5-7 years of experience

Major Responsibilities:

- Develop, manage & maintain mechanical (MEP) BIM models across all project stages
- Lead coordination between mechanical, electrical & plumbing teams
- Review mechanical design drawings, shop drawings & as-built models
- Manage Autodesk BIM 360 / ACC platform (workflows, permissions, issue tracking)
- Conduct clash detection using Navisworks & ensure timely resolution
- Ensure compliance with BEP, client requirements & international standards
- Generate reports, schedules & technical documentation
- Provide guidance to junior engineers & BIM modelers

Additional Requirements:

- Strong experience in mechanical design, shop drawings & BIM management
- Proficiency in Revit MEP, BIM 360 / ACC & Navisworks Manage
- Solid knowledge of HVAC, plumbing & firefighting systems

How to Apply:

Kindly send your CV or contact the Career Services Center, E-mail: career.services@balamand.edu.lb,
Ext. 7801; 7802