

Muhammad Abbas

BIM ENGINEER /BIM Coordinator (Red Sea /Amaala Approved)



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📍 AL Wajh, Saudi Arabia

📄 Transferable laqma

🌐 LinkedIn Profile

PROFILE

A certified BIM ENGINEER/BIM Coordinator with 4 years professional experience at Red Sea and middle East Projects. Specializing in Implementation BIM & digital construction methodologies. My expertise includes **Coordination, BIM model management, clash coordination, and data integration for Asset Management** using **Autodesk Revit, Navisworks, ACC and Revizto** to ensure project alignment with **ISO 19650 standards and Project Specification**. Currently seeking opportunities to apply BIM methodologies and international experience to drive digital transformation and contribute to smart city initiatives within Saudi Arabia's Vision 2030.

TECHNICAL SKILL

- Proficient in Creating and Managing BIM models (Architecture and Structure) up to LOD 500.
- Comprehensive knowledge of BIM ISO 19650 standards
- Expertise Asset data management.
- Understanding and implementation of COBIE (Construction Operations Building Information Exchange) concepts.
- Proficient in Coordination across Different Discipline.
- Experienced in generating and running clash Coordination, and Detailed Reporting.
- Hands-on experience with Autodesk Construction Cloud and Revizto for streamlined collaboration and data management.
- Proficient in reviewing BIM

WORK EXPERIENCE

Shandong Tiejun Electric Power Engineering Co,Ltd

BIM Engineer/ BIM COORDINATOR

02/2025 – present
Alwajh, Saudi Arabia

Project: 1) Village Boutique Hotel (Amaala) (Builder Work)
2) Rosewood (Amaala)(Fit Out)
3) Red sea international Airport (Structure)

Responsibility:

- Responsible for creating a LOD 350 ,400 Step 1 ,Step 2 and LOD 500 model.
- Creating detailed and Review Shop drawings for projects, including plans, sections, elevations, and schedules.
- Updated and Review models to ensure accuracy and consistency, reflecting design changes and updates.
- Collaborated with other contractors/disciplines to ensure model accuracy and consistency.
- Facilitated weekly BIM coordination meetings with clients, consultants, and contractors to resolve model
- Utilized Autodesk Revit, Revizto, and other BIM software to create and manage models.
- Conducted professional technical studies and in-depth reviews of project requirements, ensuring full compliance with specifications and quality standards.
- Analyzed and evaluated material technical data and documentation to verify suitability and adherence to project-specific criteria.

MAS Engineering and Construction Company Ltd

BIM Engineer

08/2023 – 02/2025
Umluj Tabuk, Saudi
Arbia

Project: Desert Rock Hotel (Red Sea) (Builder and Structure Work)

Responsibility:

- Developed and maintained detailed BIM models of LOD 400 Step 2 & LOD 500 as-built for the Desert Rock Hotel.
- Ensure compliance with Red Sea Global Specifications and building codes, and collaborate with architects, engineers, and other contractors.
- Produce high-quality Shop drawings and schedules, manage project data, and ensure data consistency and accuracy.
- Conduct quality checks on BIM models and drawings.
- Utilize BIM software (Revit, Navisworks, AutoCAD) and collaboration platforms, Meet Red sea Specification , ISO standards and building codes, and deliver accurate and comprehensive BIM models and Data sheets.

Al Gurg Consultants
STRUCTURE BIM ENGINEER

03/2022 – 04/2023
Abu Dhabi, UAE

Project: 1) Town Squaare Nshama

- i) plot 86
- ii) Plot 87
- iii) Plot 89

2) Coral Next Group Residential

- i) PLOT DIA-RE-0200
- ii) MEADOW 9 COMMUNITY POOL

Responsibility:

- Developed comprehensive Structure Models of LOD 350 and LOD 400 for Residential and Commercial projects for Town square Nshama and Coral Next group Residential
- Designed and updated precise IFC & Shop drawings to ensure compliance with project specifications.
- Coordinated interdisciplinary Meetings with Architecture, MEP, and Client Teams to guarantee project Accuracy.
- Created Reusable, generative, and Parametric Revit Families for efficient modeling.
- Facilitated seamless information exchange utilizing Autodesk Construction Cloud.
- Ensure the Gulf Region BIM standard for the successful delivery of projects.

 **EDUCATION**

Post Graduate Diploma in BIM & Construction Managment

CanBIM Canada







Bachelor of Science in Civil Engineering

Peshawar, Pakistan

University of Engineering And Technology Peshawar 

Final Grade: 3.71/4

 **DIGITAL SKILLS**

Autodesk Revit		Naviswork Manage	
Revizto		Dynamo BIM	
Autodesk Construction Cloud (BIM 360)		Auto Cad	

 **COURSES AND CERTIFICATES**

BIM Fundamentals for Engineers  — **National Taiwan University** | **BIM Application for Engineer** 

— **National Taiwan University** | **Revizto Level 1: Collaboration Essentials Course** |

Revizto Level 2: Coordination Mastery Course | **Getting Start as BIM Coordinator (Learning Path)** —

Linkedin | **Creating BIM Execution Plan** — Linkedin | **Introduction To BIM ISO 19650 Standard** —

Linkedin | **BIM Manager: Management BIM 360** — Linkedin |

AUTODESK CERTIFIED PROFESSIONAL IN REVIT FOR STRUCTURE DESIGN

ORGANIZATIONS

PAKISTAN ENGINEERING COUNCIL

Register Engineer (CIVIL/070178)

STRUCTURE ENGINEERING INSTITUTE OF (ASCE)

Affiliate Member

AMERICAN SOCIETY OF CIVIL ENGINEER (ASCE)

Affiliate Member

LANGUAGES

English



Urdu



REFERENCES

Reference will be provided on demand

Walter Treadwell
RSG- AMAALA DESTINATION

Final (WF-033985) CP_006C22_STE_CV_Review - Curr...
WORKFLOW TRANSMITTAL

17/07/2025
AMA01006-WTRAN-096766



MAIL TYPE
Workflow Transmittal

MAIL NUMBER
AMA01006-WTRAN-096766

REFERENCE NUMBER
AMA01006-WTRAN-096766

Final (WF-033985) CP_006C22_STE_CV_Review - Curriculum Vitae - BIM Engineer - Muhammad Abbas


From: Walter Treadwell - RSG- Amaala Destination

To (8):
 Shahulhameed. Abdulrazak - RSG- Amaala Destination
 Walter Treadwell - RSG- Amaala Destination
 Amal Albalawi - RSG- Amaala Destination
 Ruba Zarnogi - RSG- Amaala Destination
 Nawaf Alkhatabi - RSG- Amaala Destination
 Ahmad Abdelaal - RSG- Amaala Destination
 Ozan Omur - RSG- Amaala Destination
 Mr Suliman khan - Shandong Tiejun Electric Power Engineering Co., Ltd. Branch

Sent: Thursday, 17 July 2025 1:52:38 PM AST (GMT +03:00)

Status: N/A

DOCUMENT ATTACHMENTS (1)

(0 selected)				
File	Document No	Revision	Title	Status
	1TB01006-006C22-STE-CVE-PM-0002	C0	Curriculum Vitae - BIM Engineer - Muhammad Abbas	Accepted

MESSAGE

Workflow Review History

The attached documents have completed the "CP_006C22_STE_CV_Review - Curriculum Vitae - BIM Engineer - Muhammad Abbas" workflow with the following results :

This transmittal was automatically generated.

Doc No	Step	Participant	Review Outcome	Comments
1TB01006-006C22-STE-CVE-PM-0002	RSG_DCQC_CHK	N Alkhatabi	Accepted	
	RSG_PkgLead	A Abdelaal	Accepted	
	SD_Projects	W Treadwell	Accepted	



MAILTYPE
WorkflowTransmittal

MAILNUMBER
TRS01H13-WTRAN-049754

REFERENCENUMBER
TRS01H13-WTRAN-049754

Final(WF-021606)R01H13C23-[ECC-WF8.7]CV-BIMENGINEER-MUHAMMADABBAS

From Mr QaisTabib -The Red SeaDevelopment Company
To(9) MrMohamedAlam-MASEngineering&ConstructionCompanyLtd.(+8more...)
Cc(12) MrAbdulmohsinShaikh-MASEngineering&ConstructionCompanyLtd.(+11more...)
Sent Sunday,17December20233:19:22PMAST(GMT+03:00)
Status N/A

DOCUMENTATTACHMENTS(1)

(0 selected)

File	DocumentNo	Revision	Title	Status
	R01-H13C23-ECC-CVE-PM-0027	00	CV-BIMENGINEER-MUHAMMADABBAS	AcceptedwithComments

ATTRIBUTES

Attribute1 SiteWide

MESSAGE

WorkflowReviewHistory

Theattacheddocumentshavecompletedthe"R01H13C23-[ECC-WF8.7]CV-BIMENGINEER-MUHAMMADSULAIMAN"workflowwiththefollowingresults:

This transmittal was automatically generated.

DocNo	Step	Participant	ReviewOutcome	Comments
R01-H13C23-ECC-CVE-PM-0027	DocumentController	N Pandiyan	Accepted	
	SupervisionConsultantReview(SDT)	HAbbadi	ReviewNotRequired	
	TRSDCPackageLeadReview	QTabib	AcceptedwithComments	