

Muhammad Abbas

BIM COORDINATOR (Red Sea /Amaala Approved)

✉ m.abbas5285@gmail.com

☎ +966537228797

📍 Riyadh, Saudi Arabia

🏠 Transferable Iqama

🌐 LinkedIn Profile

PROFILE

Red Sea and Amaala Approved BIM Engineer with 4+ years of specialized experience in the Middle East. My expertise is driving digital execution through **multi-disciplinary coordination** and ensuring full compliance with **BIM ISO 19650 standards**. My focus on key deliverables: generating high-detail **LOD 500 models and Coordinated Models** and preparing integrated data for **Asset Management**. Seeking to apply this proven expertise to Saudi Arabia's Vision 2030 initiatives.

TECHNICAL SKILL

- Proficient in creating and reviewing BIM models up to LOD 500, with specific expertise in Structural, Builder Work, and Fit out.
- Comprehensive knowledge and practical experience implementing BIM ISO 19650 standards.
- Expertise in data integration and implementation for Project Delivery and Asset Management.
- Proficient in Multi-Disciplinary Coordination to ensure seamless project execution.
- Experienced in generating and running Clash Detection, Coordination meetings, and detailed reporting.
- Strong understanding and implementation of COBie (Construction Operations Building Information Exchange) concepts.
- Hands-on experience with Autodesk Construction Cloud and Revizto for streamlined collaboration and data management.

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)

Responsibilities:

- Developed BIM Execution plan and related appendixes as per the project and client Requirements.
- Worked closely with interior designers and MEP teams to resolve clashes.
- Reviewed shop drawings and BIM submittals for compliance with IFC drawings, specifications, and material approvals.
- Create and Update LOD 350 ,400 Step 1 ,Step 2 and LOD 500 models.
- Create detailed and Review Shop drawings for projects For Structure , Builder Work and ID.
- Collaborated with other contractors/disciplines to ensure model accuracy and consistency.
- Utilized Autodesk Revit, Revizto, and other BIM software to create and manage models.
- Facilitated weekly BIM coordination meetings with clients, consultants, and contractors to resolve model-related and technical issues efficiently.
- Provided on-site and off-site technical support by coordinating with contractors and project stakeholders to resolve construction issues.
- 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

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

Arbia

Responsibility:

- Developed and maintained detailed BIM models of LOD 400 Step 2 & LOD 500 as-built for the Desert Rock Hotel.
- Ensured compliance with Red Sea Global Specifications and building codes, and collaborated with architects, engineers, and other contractors.
- Produced high-quality Shop drawings and schedules, manage project data, and ensure data consistency and accuracy.
- Conducted 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 Square 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.
- Ensured the Gulf Region BIM standard for the successful delivery of projects.

 **EDUCATION**

Post Graduate Diploma in BIM & Construction Management

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** — Linkedln | **Introduction To BIM ISO 19650 Standard** —

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

AUTODESK CERTIFIED PROFESSIONAL IN REVIT FOR STRUCTURE DESIGN

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)

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	



MAIL TYPE
Workflow Transmittal

MAIL NUMBER
TRS01H13-WTRAN-049754

REFERENCE NUMBER
TRS01H13-WTRAN-049754

Final (WF-021606) R01H13C23 - [ECC-WF8.7] CV-BIM ENGINEER-MUHAMMAD ABBAS

From Mr Qais Tabib - The Red Sea Development Company
To (9) Mr Mohamed Alam - MAS Engineering & Construction Company Ltd. (+8 more...)
Cc (12) Mr Abdulmohsin Shaikh - MAS Engineering & Construction Company Ltd. (+11 more...)
Sent Sunday, 17 December 2023 3:19:22 PM AST (GMT +03:00)
Status N/A

DOCUMENT ATTACHMENTS (1)

File	Document No	Revision	Title	Status
	R01-H13C23-ECC-CVE-PM-0027	00	CV-BIM ENGINEER-MUHAMMAD ABBAS	Accepted with Comments

ATTRIBUTES

Attribute 1 Site Wide

MESSAGE

Workflow Review History

: The attached documents have completed the "R01H13C23 - [ECC-WF8.7] CV-BIM ENGINEER-MUHAMMAD ABBAS workflow with the following results

This transmittal was automatically generated.

Doc No	Step	Participant	Review Outcome	Comments
R01-H13C23-ECC-CVE-PM-0027	Document Controller	N Pandiyan	Accepted	
	Supervision Consultant Review (SDT)	H Abbadi	Review Not Required	
	TRSDC Package Lead Review	Q Tabib	Accepted with Comments	