

HOSSEIN ADROM

1985/Aug/09

Structural Draftsman | Tekla Structures & AutoCAD Modeler & AVEVA BOCAD & E3D

◆ PROFESSIONAL SUMMARY

Industrial Structural Draftsman with 15 years of experience in oil and gas and Mining projects,

Specializing in:

- ◆ AutoCAD 2D & 3D and Tekla Structures and E3D, AVEVA BOCAD expertise
- ◆ 3D modeling of steel structures and industrial facilities
- ◆ Storage tanks, pipe racks, equipment foundations, and cooling towers, conveyers foundations, blast building, sleeper, Calvert, Pressure vessels, concrete and reinforcement mto
- ◆ Creating precise construction, fabrication, and as-built drawings

Proven ability to optimize designs, collaborate with multidisciplinary teams, and ensure compliance with international standards.

By providing effective solutions, it reduces costs and speeds up time.

◆ WORK EXPERIENCE



Senior Draftsman and 3D Modeler
Chagalesh Consulting Engineers– Tehran, Iran
2025 – Currently

- ◆ Used CAD software, such as AutoCAD, to create 2D and 3D drawings with precise measurements. Creating concrete formwork and reinforcement drawings and drawing material lists for industrial shelters
- ◆ Prepared AVEVA BOCAD models and general drawings, with appropriate annotations, notes, and details. Modeling in E3D and coordination, display, and collision resolution in other parts
- ◆ Created drawings for industrial structures, such as Conveyer, Pipe racks, Pipe bridges, Shelters, Equipment structures, Equipment foundations, and Concrete buildings blast.

◆ KEY PROJECTS

- ◆ Petrochemical Tehran, Iran
- ◆ Hamedan Ibn Sina Petrochemical, Hamedan, Iran
- ◆ Training for beginners and novices

◆ SKILLS & COMPETENCIES

- ✓ AutoCAD (2D & 3D) | Tekla Structures | Aveva E3D | Aveva Bocad | Navisworks
- ✓ Industrial Structural Drafting (Steel & Concrete)
- ✓ Pipe Racks | Equipment Foundations | Shelters
- ✓ Execution & As-Built Drawing Preparation



Senior Draftsman and 3D Modeler

ENTER ENGINEERING Group – Tashkent, Uzbekistan
2022 – 2025

- ◆ Developing and modeling detailed execution drawings for steel structures, storage tanks, and pipe racks in major oil and gas projects.
- ◆ Designing and preparing shop and fabrication drawings adhering to international engineering standards.
- ◆ Creating complex structural connections in 3D, contributing to their standardization and optimization.
- ◆ Collaborating with engineers and project managers to ensure smooth workflow and minimize errors.
- ◆ Providing 3D visualization models to improve the clarity of project designs and facilitate client approvals.

◆ KEY PROJECTS

- ◆ MTO Project. Bukhara, Uzbekistan.
- ◆ MOF-3 Project. Almalyk, Uzbekistan.
- ◆ Boysun Gas Processing Plant. Boysun, Uzbekistan
- ◆ Trained intern draftsman

◆ SKILLS & COMPETENCIES

- ✓ AutoCAD (2D & 3D) | Tekla Structures | Navisworks (Basic)
- ✓ Industrial Structural Drafting (Steel & Concrete)
- ✓ Pipe Racks | Equipment Foundations
- ✓ Execution & As-Built Drawing Preparation



STRUCTURAL DRAFTSMAN

Rajan Petro Frayand – Tehran, Iran
2020 – 2022

- ◆ Drafted and modeled structural components for pipe racks, storage tanks, foundations, and industrial facilities.
- ◆ Prepared execution and construction drawings ensuring precision and compliance with project requirements.
- ◆ Designed structural details for blast-resistant and non-blast structures used in hazardous environments.
- ◆ Produced detailed shop drawings for steel fabricators and optimized designs for ease of assembly.
- ◆ Participated in site coordination meetings to resolve design issues and improve constructability.
- ◆ Worked closely with multidisciplinary teams, ensuring smooth integration of structural elements with other engineering disciplines.

◆ KEY PROJECTS

- ◆ **Oil Storage Tank – Asaluyeh, Iran**
 - Designed and developed detailed execution drawings for storage tanks, pipe racks, and structural supports.
 - Optimized steel structures for cost-efficiency and ease of fabrication.
 - Coordinated with engineering teams to ensure compliance with industry standards.
- ◆ **Gas Processing Facility – Bandar Abbas, Iran**
 - Created detailed shop drawings for steel structures, including platforms, staircases, and pipe supports.
 - Modeled complex industrial connections using Tekla Structures.

- Assisted in on-site modifications and preparation of as-built documentation.
- Modeled and optimized structural supports and connections in 3D.
- Collaborated with engineers to improve the safety and stability of existing offshore installations.

◆ SKILLS & COMPETENCIES

- ✓ AutoCAD (2D & 3D) | Tekla Structures | Navisworks (Basic)
- ✓ Industrial Structural Drafting (Steel & Concrete)
- ✓ Storage Tanks | Pipe Racks | Equipment Foundations
- ✓ Detailed Shop Drawings & Fabrication Drawings
- ✓ Blast-Resistant & Non-Blast Structures Design
- ✓ Execution & As-Built Drawing Preparation



Senior Draftsman and 3D Modeler – Modeling Division Head

NARGAN Consulting Engineers

2010 – 2020 Tehran, Iran

- ◆ Used CAD software, such as AutoCAD, to create 2D and 3D drawings with precise measurements.
- ◆ Prepared AVEVA BOCAD models and general drawings, with appropriate annotations, notes, and details.
- ◆ Created general concrete and steel drawings for industrial structures, such as pipe racks, pipe bridges, shelters, equipment structures, equipment foundations, and concrete buildings.
- ◆ Estimation of concrete works, reinforcement, and steel works of structures. Developed - detailed drawings and plans for new products, ensuring the accuracy of all dimensions.
- ◆ Collaborated with the engineering team on product development projects from concept through completion.

◆ KEY PROJECTS

- ◆ Esfahan Refinery (Expansion and Upgrading Project). Isfahan, Iran.
- ◆ South Pars Gas Field Development (SPGFD) - Phase 19. Assaluyeh, Iran.



Drafts man

Tasha Manufacturing Engineers

Tehran, Iran 2008 – 2010

- ◆ Prepared mechanical drawings, such as oil storage tanks, towers, horizontal and vertical drums, and platforms.

- ◆ Prepared internal and external details for mechanical equipment, such as oil-storage tanks, towers, horizontal and vertical drums, and platforms.
- ◆ Prepared a 3D model for mechanical equipment.
- ◆ Estimated for mechanical parts and assemblies.
- ◆ Collaborated with engineers and architects to develop construction plans according to customer needs and industry regulations.

◆ EDUCATION & CERTIFICATIONS

- 🎓 Science And Industry School of Art Iran
Industrial Design
- 🎓 High School Diploma

◆ SOFTWARE PROFICIENCY

- ✓ AutoCAD (2D & 3D)
- ✓ Tekla Structures
- ✓ Navisworks
- ✓ MS Office Suite
- ✓ AVEVA BOCAD
- ✓ AVEVA E3D

◆ LANGUAGES

- ✓ Persian (Native)
- ✓ English (Intermediate)

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