Keivan Heidari

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Keivan Heidari | LinkedIn

ABOUT

Manufacturing and industrial operations leader with more than 12 years of experience in heavy fabrication, industrial construction, and process equipment projects. Proven ability to lead plant operations and large-scale projects through disciplined planning, KPI-driven execution, and strong cross-functional coordination. Experienced in managing production organizations of 50–170 personnel through structured leadership teams, delivering complex scopes ahead of schedule with strong performance in quality, cost control, waste reduction, and HSE compliance. Ready to lead factory setup and plant management projects, including recruitment, operational system building, SOP implementation, and ISO-aligned governance (IMS) .

EDUCATION

From –SEP 2010 to –JUL 2013: – University qualified with a master in science Degree – Applied Mechanic – Mechanical Engineering Branch – Takestan Islamic Azad University.

From –OCT 2004 to –JUL 2008: – University qualified with a bachelor in science Degree – Solid Mechanic – Mechanical Engineering Branch – Arak Islamic Azad University.

From SEP 1999 to SEP 2003: – High school in Kermanshah, gained Diploma in Mathematics and Physics.

CORE COMPETENCIES AZ FACTORY MANAGER

- Factory Setup & Operations Management (Start-up to stable production)
- Production Planning & Control | Shift Management
- KPI Systems | Daily/Weekly Reporting | Performance Tracking
- Recruitment & Team Development | Cross-functional Leadership
- Quality Management | Inspection Readiness | Rework & Scrap Reduction
- HSE Discipline | Safe Work Systems
- ISO-aligned Management Systems (IMS: ISO 9001 / 14001 / 45001 readiness)
- Supply Chain Coordination | Material Control | Cost Optimization

CORE COMPETENCIES AZ PROJECT MANAGER

- Project planning and scheduling (WBS-based), progress tracking, and reporting using MS Project and KPI dashboards.
- Cross-functional coordination across Technical Office, Production, QC, Procurement, Finance, and client/consultant teams to remove blockers and accelerate delivery.
- Workforce leadership and contractor management (shift planning, task allocation, supervisor coaching, performance follow-up).
- Quality control management: inspection readiness, dimensional control, ITP alignment, and compliance with AWS / API / ASME requirements.
- Procurement and material management: BOM control, delivery follow-up, and mitigation of supply delays and shortages.
- Cost control and waste reduction by optimizing cutting plans, preventing rework, and improving fabrication discipline.
- HSE leadership with a "Zero Incident" approach through safe work procedures, training, permits, and high-risk activity control.
- Structured handover and commissioning support: phased delivery, testing coordination, and documentation for client acceptance.
- Operational system building (SOPs, reporting routines, and governance).

PROFESSIONAL EXPERIENCE

Factory Manager / Workshop Supervisor | Nagaz Sanat – Ahwaz & Shushtar, Iran | 2023 – Present

- Led a production organization of 50–170 personnel in two-shift operations, supported by 5 direct-report managers (Technical Office, Production, QC, Procurement, Finance).
- Achieved average throughput of ~500 tons/month, maintaining stable delivery across multiple projects.
- Implemented workflow discipline, shift planning, daily reporting, and crossdepartment coordination to stabilize output.
- Delivered major bridge and structural projects under strict standards and time pressure, with measurable scrap reduction and cycle-time improvement.
- Owned project planning, scheduling, and progress control; delivered high-risk scopes with disciplined KPI tracking.
- Coordinated cross-functional teams (Technical Office, Production, QC, Procurement, Finance) and managed contractors to meet milestones.
- Managed inspection readiness and quality controls (ITP, dimensional checks, NCR closure) in line with AWS / API / ASME requirements.
- Led HSE execution with a Zero Incident approach; controlled high-risk activities and ensured site compliance.
- Mitigated Performance/material delays through punch-list control, technical coordination, and procurement follow-up to protect schedule.
- Optimized material utilization and prevented rework through modeling, shop drawings, and punch-list closure; achieved scrap reduction outcomes (e.g., 5% → 3% on major projects).

Project Manager | Nagaz Sanat – Ahwaz & Shushtar – Iran | 2021 – 2023

- Led fabrication teams for tanks, industrial equipment, and structural projects under API/ASME requirements with strong QC and HSE discipline.
- Managed end-to-end project execution across steel structures, tanks, piping, and process equipment scopes (planning, procurement coordination, fabrication, installation, and handover).

- Developed project schedules (WBS-based) and controlled milestones through daily/weekly reporting and KPI tracking; delivered multiple projects on time and ahead of plan.
- Led cross-functional teams and subcontractors; coordinated Technical Office, Production, QC, Procurement, Finance, and client/consultant interfaces to remove blockers.
- Ensured inspection readiness and compliance with AWS D1.1 / API 650 / ASME Sec. VIII; managed ITP execution, dimensional control, NCR closure, and test coordination.
- Controlled HSE for high-risk activities (working at height, heavy lifting, confined areas) with a Zero Incident approach and disciplined permit-to-work practices.
- Supported commissioning and phased handovers; ensured documentation completeness for client acceptance.

Technical Office Manager | Nagaz Sanat – Ahwaz & Shushtar – Iran | 2019 – 2021

- Managed technical documentation, shop drawings, BOMs, fabrication readiness, inspection coordination, and site technical support for structural and process equipment projects.
- Controlled modeling, clash prevention, and drawing punch lists to reduce rework and support smooth execution under inspection requirements.
- Checked & Prepared of Financial Performance Sheet.

SELECTED PROJECTS – KEY IMPACTS

- Arvandan Bridge – Khorramshahr (5,000 Tons | Fabrication & Installation):
- Delivered in 8 months (3 months ahead of contract), reduced scrap to 3%, achieved ~300,000 precision-drilled holes, and cut span installation cycle from ~2 months to max 40 days.
- Mianroud Bridge – Dezful (1,200 Tons | 450m × 15m | Fabrication & Installation): Reduced scrap from 5% to 3%, delivering progress on schedule under a 1-year contract.
- Hot Water Tank – Dehkhoda Agro-Industry (700 m^3 | API 650 | Demontage & Fabrication & Installation):

  Delivered Ø10m × H10m tank in 3 months with zero RT defects.

- Evaporator Type 9 – Karun Paper Mill (50 Tons | ASME Sec. VIII | Fabrication):
  Delivered 14m × 5.7m evaporator in 3 months; complex tube-sheet drilling + A516 Gr. C Material with SS304 Material for cladding + TIG Welding Process.
- Billet Yard Storage Hall – Foulad Khouzestan (1,200 Tons | 128m × 32m | Fabrication & Installation):
  Completed ahead of schedule; enabled smooth 1-month installation due to high fabrication accuracy; supports 70-ton crane and two 20-tons monorails.
- Pan C Header Replacement – Karun Sugar Industry (SS304 | 32" | 90m | 11,500 inch-dia | Demontage & Fabrication & Installation):
  Completed in 3 months; high-risk scope postponed ~10 years.
- Plant Piping – Furfural / Naft Behran (37,000 inch-dia | Corrosive Service / Fabrication & Installation):
  Completed in 3 months on schedule despite design/material delays.
- Process Tanks – Karun Paper Company (5 Tanks | 142 Tons | API 650 | Fabrication & Installation):
  Delivered 3 tanks + 2 tanks handover in 5 months
- Andimeshk Steel Company (3 Structures | 100 Tons | AWS D1.1 | Fabrication & Installation):
  Completed in 3 months on schedule with clean inspection acceptance,
- Reverse Engineering – Cyclone System (9m height | Fabrication & Installation):
  Delivered in 1 month with; improved durability by selecting CK-45.
- Reverse Engineering – Bagasse Screw Conveyor (5m | Fabrication & Installation):
  Delivered in 20 days; ST-52 shaft / SS316 flights.

SOFTWARE SKILLS

- Design & Modeling: Tekla Structures (2024), Autodesk Inventor (2025), SolidWorks (2024), AutoCAD Mechanical (2025)
- Planning & Scheduling: Microsoft Project (2021)
- Production & Nesting: Pronest (2019)
- Office Tools: Microsoft Office (2021)

CERTIFICATIONS

- Mechanical Design with Autodesk Inventor (Basic) — Tehran Technical Complex
- Mechanical Design with Autodesk Inventor (Advanced) — Tehran Technical Complex
- Mechanical Design with AutoCAD Mechanical — Tehran Technical Complex
- Maintenace Organization and Management — Tehran Technical Complex
- Professional Piping Design — Iranian Piping Association
- Piping Technical Office Specialist — Iranian Piping Association
- Tekla Structures — Iran Tekla
- Visual Welding Inspector (Level 2) — ASNT
- Certified Welding Inspector (CWI) — ASNT
- Liquid Penetrant Testing (PT) Inspector (Level 2) — ASNT
- Magnetic Particle Testing (MT) Inspector (Level 2) — ASNT
- Coating & Painting Inspector (Level 2) — Sorena Engineering Inspection Research Co.
- Mechanical & Electrical Facilities Drafting with AutoCAD — Kashaneh Engineering Sciences Academy, Iran
- Project Management with MSP — TÜV NORD, Iran
- Automotive Standard ISO/TS 16949 — TÜV NORD, Iran

LANGUAGES

- Persian & Kurdish: Native
- English: Intermediate (Technical documentation & reporting)