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## GENERAL INFO

### Hamid Pirnajmodin: Project Manager-RBI Specialist PMP Certified 2895485

**Nationality:** Iranian

**Age:** 38 Years

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## EXPERIENCE SUMMARY (13 YEARS)

<b>2021-Present</b>	<p><b>Petro Tadbir Pars CO. , IRAN</b></p> <p><i>Project Manager</i></p> <p>Project Manager of a detail design project.</p> <p><b>PROJECT:</b> “BIBI HAKIMEH New Gas Injection Compressor Station “.</p> <p><b>Client :</b> Persian Gulf BidBoland Gas Refining Company.</p> <p><b>MC:</b> Petrochemical Industries Development Management Company (PIDMCO).</p> <p>Member of company’s internal ISO Committee.</p>
<b>2020-2021</b>	<p><b>Petro Tadbir Pars CO. , IRAN</b></p> <p><i>Project Engineer</i></p> <p>Project Engineer of a detail design project “Damavand Petrochemical Plant”-Waste Water treatment design project”.</p> <p><b>Client:</b> Damavand Petrochemical Company.</p>
<b>2015 - 2020</b>	<p><b>PTP CO. , IRAN</b></p> <p><i>Senior Corrosion and Material Engineer</i></p> <p>Material selection for piping and equipmen in oil, gas and petrochemical industry. Investigation of occurred failures and analysis the root cause of failure (RCA) based on active damage mechanisms according to international standards (API 581/ API 571) and procedures. Preparing material related documents and procurement engineering services including MR preparation, vendor’s proposal review and TBE issuance.</p> <p><i>Piping Lead Engineer</i></p> <p>South pars Phased 2224, 13</p> <p>Laali Asmri Oil fiels, Onsurface facilities</p>
<b>2009 - 2015</b>	<p><b>ME. Co. , IRAN</b></p> <p><i>Senior Technical Inspector and Material engineer</i></p> <ul style="list-style-type: none"> <li>• Responsible for the execution of Technical Inspection tasks, including review Inspection queries and Corrosion Monitoring reports</li> <li>• Initiate and coordinate material failure investigations</li> <li>• Prepare corrosion assessment reports</li> <li>• propose other risk-reducing actions according to API 580/581 recommendations</li> <li>• Initiate and coordinate remediation activities</li> <li>• Contribute to Integrity Action Plan development</li> <li>• Ensure Corrosion Modelling results are updated</li> </ul>

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**CV-Hamid Pirnajmodin**

	<ul style="list-style-type: none"> <li>• Prepare Annual Corrosion Report</li> <li>• Participating in Intrusive and Non-Intrusive Inspection activities and team leader of Inspectors in two main overhaul of refinery plant.</li> </ul>
<b>2010 - 2016</b>	<p><b>Me. Co.- Abtin JV, IRAN</b> <i>RBI Team Leader/ RBI Engineer</i></p> <p>RBI Lead/Facilitator at ME. Co Refinery in charge of a multidiscipline team of corrosion, inspection and process engineers in implementing RBI at the refinery units;</p> <ul style="list-style-type: none"> <li>• RBI using “RBI Master” software</li> <li>• Including Refinery Equipment (e.g. PVs, HEs) and Piping Circuits</li> <li>• Corrosion Loops</li> <li>• Damage Mechanisms</li> <li>• Risk Assessments</li> <li>• Inspection Planning</li> <li>• Intrusive (II) and Non-Intrusive (NII) Inspections</li> </ul>
<b>2008 - 2010</b>	<p><b>Office of Applied Researches and Technology-Matin, IRAN</b> Advanced Materials Research Assistant</p>
<b>2013 - 2015</b>	<p><b>Malayer University, IRAN</b> Lecturer of Material Engineering Courses</p>
<b>2013 - 2015</b>	<p><b>Advanced Materials and Energy ARMINA CO., IRAN</b> COO and Head of Advanced materials group</p>

**EDUCATION**

<b>2007 - 2010</b>	<p><b>Tarbiat Modares University</b> MSc in Materials Engineering, characterization and selection of material</p>
<b>2003 - 2007</b>	<p><b>Shahid Bahonar University</b> BSc in Chemical Engineering - Safety and Technical Inspection Engineering</p>

**SKILLS**

- Project Management
  - Engineering management
  - Material selection for Oil, Gas and petrochemical equipments
  - Coordinating all engineering disciplines works in Oil, gas and petrochemical fields
  - Communication, cost and time management of project
  - Asset Integrity Management (AIM)
  - Risk-Based Inspection (RBI)
  - Pipeline Integrity Management System (PIMS)
  - Fitness for Service (FFS) Assessment,
  - Corrosion Management System (CMS)
  - Providing Technical Training in RBI, FFS and CMS
  - Familiar with AIM, RBI and CMMC Software. (RBI Master, RBLX, AIMSOFTS, E2G API RBI)
  - Quality Management ISO , IMS (Integrated Management System)
  - Material selection for Oil, Gas and petrochemical equipments
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## **PROFESSIONAL AFFILIATIONS**

**PMP Certified 2895485**

## **PUBLICATIONS**

### **Thesis:**

- Investigation of rich Copper precipitates formation, in the structure of ZA-27 alloy affected by solidification conditions, M.Sc Thesis.
- Investigation on effect of the overflow regarding fluid flow in the Naturally-Pressurized Running System , using the SUTCAST simulation software, B. Sc. Thesis.

### **Papers:**

- Influence of heat treatment on the microstructure and wear behavior of end chill cast Zn-27%Al with different copper content, Applied Physics A, 2016
- Influence of cooling rate and copper content on microstructure of Zn-27Al alloy under end-chill casting, Journal of Metallurgy and Material Engineering, Ferdowsi University of Mashhad, 2017.
- Investigation on effect of the overflow regarding fluid flow in the Naturally- Pressurized Running System using the SUTCAST simulation software, Iranian Foundry Society No. 89, 2008.

## **PROVIDED TRAINING COURSES**

- Material Engineering Courses, Malayer University, 2013
- Boiler Corrosion mechanisms, Latif Co. 2020
- Risk Based Inspection API 580 / 581 (IRICO). 2023

## **MAIN CERTIFICATES AND ATTENDED TRAINING COURSES**

- Project Management Professional (PMP) based on PMBOK Rev.06
  - Organizational Project Management Maturity Model (OPM3)
  - Requirements of Quality Management based on ISO/TS 29001: 2020
  - Requirements of Integrated Management System based on ISO 9001: 2015, ISO 14001: 2015 and ISO 45001:2018
  - Internal Audit based on ISO 19011: 2018
  - Design and sizing of pipeline transportation systems for liquid hydrocarbons
  - Introduction to pipeline pigging
  - Piping Material Specification (PMS)
  - ASME B31.3
  - Risk Based Inspection (RBI) According to API 580, 581 2008
  - API 579 FFS Certificate
  - Certified Welding Inspector (CWI)
  - Inspection of Pressure Vessels Based on API 510
  - Visual Testing (level II)
  - Radiographic testing & interpretation (RT level II)
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