Education:

PG Diploma in Piping Technology.

Bachelor of Engineering in Mechanical Engineering

Total Experience: 3 Years

Tools known:

Tool Name	Expertise level (rate on a scale of 10)
CAESAR II	10
Autodesk Plant 3D	8
AutoCAD	10
Navisworks	8

Aatish P. Shahale

Experienced Piping Engineer with 3 years of experience in projects for oil & gas companies and specializing in Piping Stress Analysis, and implementation using software like CAESAR II with 2 years of experience in piping stress. Expertise in area like buried lines, jacketed lines, stress Critical lines identification and software like CAESAR II, NAVISWORKS.
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Professional experience:

- Engineering Expertise
- Experience in Oil & Gas Development Projects
- Experience with CAESAR II
- Proficiency in industry-standard software for Stress Analysis
- Strong analytical and problem-solving skills
- Quick learner
- Flexibility
- Focused
- Interdisciplinary Coordination

Companies Worked with:

- TRIPLAN India Pvt. Ltd. Pune.
- SKA Engg.
- GSPWLL. Saudi Arabia.
- AryaTech Engineering & Consultancy. Mumbai

Key Projects:

TRIPLAN INDIA PVT. LTD. , PUNE   **JAN-2024 TO PRESENT**
PIPING STRESS ENGINEER

(A) Project: - AVERY DENNISON
 1. Identifying different stress packages through review of P&IDs/Line List.
 2. Performing Pipe Stress analysis of Critical Piping Systems in accordance with ASME B31.3 Code Requirements, using Caesar II software program, PDMS, Autodesk Navisworks.
3. Preparing the Stress Critical Line list.
4. Coordination with others disciplines, civil, mechanical, and piping design.
5. Nozzle Qualifications of drums, vessels, and rotating equipment.
6. Flange leakage Analysis as per equivalent pressure method.
7. Submitting Stress Analysis Reports to the Client and getting their approval.

(B) Project: - ARKEMA
1. Performing Pipe Stress analysis of Critical Piping Systems in accordance with ASME B31.3 Code Requirements, using Caesar II software program, Autodesk Navisworks.
2. Nozzle Qualifications of drums, vessels and rotating equipment.
3. Flange leakage Analysis as per equivalent pressure method.
4. Submitting Stress Analysis Reports to the Client and getting their approval.

SKA ENGG: -
PIPING STRESS ENGINEER

(A) Project: - Rumaitha And Shanyal P5 ; ADNOC Onshore
1. Performing Pipe Stress analysis of Critical Piping Systems in accordance with ASME B31.3 Code Requirements, using Caesar II software program, Autodesk Navisworks.
2. Nozzle Qualifications of drums, vessels, and rotating equipment.
3. Flange leakage Analysis as per equivalent pressure method.
4. Compressor, turbine, Airfin Cooler, Pressure Vessel, Column analysis.
5. Relief Valves Calculation.
6. Submitting Stress Analysis Reports to the Client and getting their approval.

GSPWLL – Saudi Arabia: -
PIPING STRESS ENGINEER

(A) Project: - Petro Rabigh, Saudi Arabian Oil Company
1. Performing Pipe Stress analysis of Critical Piping Systems in accordance with ASME B31.3 Code Requirements, using Caesar II software program, Autodesk Navisworks.
2. Nozzle Qualifications of drums, vessels, and rotating equipment.
3. Flange leakage Analysis as per equivalent pressure method.
4. Compressor, turbine, Airfin Cooler, Pressure Vessel, Column analysis.
5. Submitting Stress Analysis Reports to the Client and getting their approval.

ARYATECH ENGINEERING & CONSULTANCY, MUMBAI
PIPING STRESS ENGINEER   NOV-2022 TO SEPT-2023

(A) Project: - RIL Vadodara (ACN Plant Revival Project)
 1. Identifying different stress packages through review of P&IDs/Line List Preparing the Stress Critical Line list.
 2. Performing Pipe Stress analysis of Critical Piping Systems in accordance with ASME B31.3 Code Requirements, using Caesar II software program, PDMS, Autodesk Navisworks.
3. Preparation of Datasheets for Expansion Bellows, etc.
4. Coordination with others disciplines, civil, mechanical, and piping design.
5. Design and selection of pipe supports and springs Supports.
6. Nozzle Qualifications of drums, vessels, and rotating equipment.
7. Flange leakage Analysis as per equivalent pressure method.
8. Submitting Stress Analysis Reports to the Client and getting their approval.

(B) Project: - JFE (On Deputation)
1. Identifying different stress packages through review of P&IDs/Line List.
2. Performing Pipe Stress analysis of Critical Piping Systems in accordance with ASME B31.3 Code Requirements, using Caesar II software program, Autodesk Navisworks.
3. Preparing the Stress Critical Line list.
4. Nozzle Qualifications of drums, vessels and rotating equipment.
5. Flange leakage Analysis as per equivalent pressure method.
6. Submitting Stress Analysis Reports to the Client and getting their approval.

(C) Project: - RIL KGD6 (ETP & SWRO Plant)
1. Identifying different stress packages through review of P&IDs/Line List.
2. Performing Pipe Stress analysis of Critical Piping Systems in accordance with ASME B31.3 & 31.1 Code Requirements, using Caesar II software program, Autodesk Navisworks.
3. Preparing the Stress Critical Line list.
4. Preparation of Datasheets for Expansion Bellows, etc.
5. Coordination with others disciplines, civil, mechanical, and piping design.
6. Design and selection of pipe supports and springs Supports.
7. Nozzle Qualifications of drums, vessels, and rotating equipment.
8. Relief Valves Calculation.
9. Compressor, turbine analysis.
10. Submitting Stress Analysis Reports to the Client and getting their approval.