

**Detail Design calculation , Piping Stress Analysis and Detail fabrication Drawing for Condenser-vacuum unit Inter connecting Piping**

**THE CLIENT**

A Europe-based client offering an array of customized solutions to chemical ,pharmaceutical, petrochemical, oil refinery, power generation and waste treatment.

**THE BUSINESS NEED**

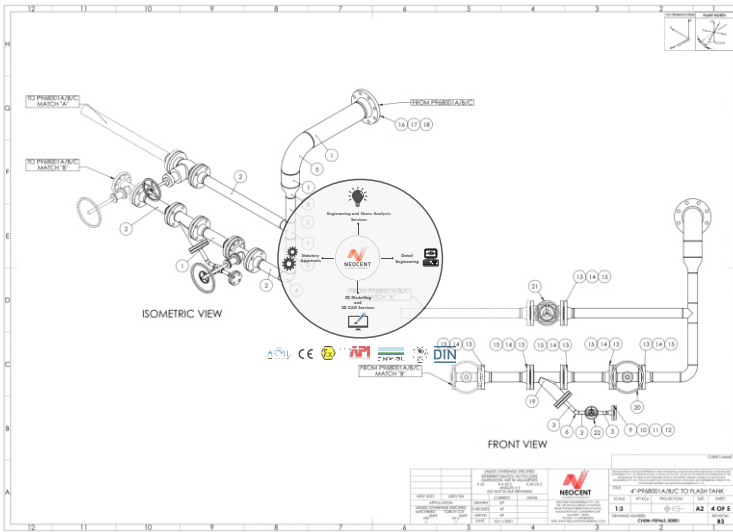
Our client was seeking engineering design assistance for a equipments (ASME U-stamp)design along with interconnecting piping routing. Client wanted Piping Stress Analysis on Equipments Inter connecting piping and Pipe support design and manufacturing drawing.

**NEOCENT SOLUTION & DELIVERABLE**

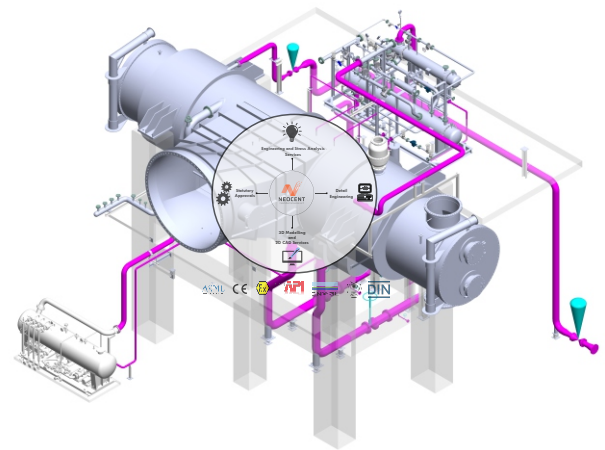
**Detail Engineering :** Pipe stress analysis for pipe Support, Pipe Support Design, Foundation load calculation etc.

**CAD Detailing :** Pipe Isometric drawing , Piping Support fabrication Drawing, Lifting and Erection Drawing.

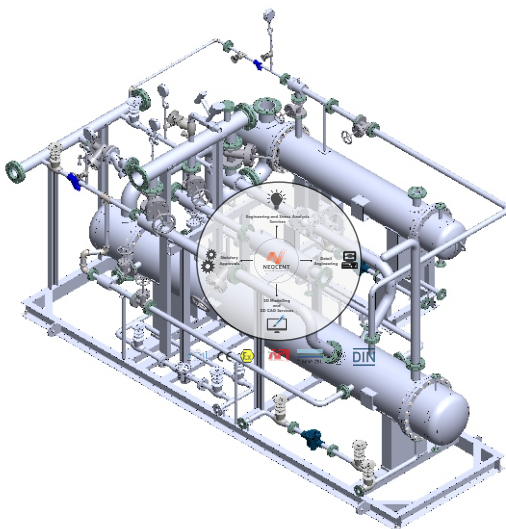
**Analysis :** Piping Stress Analysis as per B31.3 process Piping, Equipment Nozzle WRC 107/297 FEA.



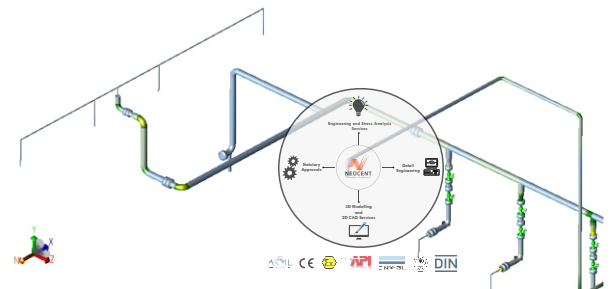
Isometric Piping Drawing along with M.T.O.



3D detail Modeling along with Inter-connecting pipe routing



3D CAD Detailing on Vacuum System



Piping Stress Analysis\_ Inter connecting pipe Routing

Neocent Engineering Services is a multi-discipline engineering services company. Established in 2015, we offer high-quality engineering support solutions to global EPC organizations across some of the industries listed: Automotive, Aerospace, Turbo machinery, Heavy engineering, HVAC, Oil & Gas, Material handling and Process industry.

Neocent provides detailed engineering services to EPC, EPCM, OEM, and PMC as long-term turnkey projects. Our EPCM services include Project Management, Feasibility Studies, Conceptual & Basic Engineering, Detailed Design, Procurement, Construction Management, Commissioning & Start-up, and Operations & Maintenance.

### Neocent Engineering's service offering, include;

- Engineering and Stress Analysis Services
- Details Engineering
- 3D Modelling and 2D CAD Services
- Statutory Approvals

### Piping Stress Analysis Consulting Services

Neocent Engineering specializes in "Piping Stress Analysis" work following ASME B31.1, B31.4, B31.8, B31.11, BS EN 13480, BS EN 14364, SHELL DEP etc.

Our Piping stress engineering team have years of experience with piping system design and piping stress analysis. We provide full-service pipe design stress analysis services, from initial concept through final construction.

- Seismic, Static & Dynamic Load Analysis
- Piping Flexibility calculation
- Piping Support Selection and Design
- Spring and Special Support Design
- Flange Leakage Checking
- Analysis of Jacket piping ducting, Buried piping
- Solution on Piping Vibration problems

Piping Stress Analysis is our forte, and our teams have a long and wide range of project experience to carry out the full spectrum of stress analysis services for piping system and piping flexibility analysis. We conduct detailed piping stress analysis, evaluation, and confirmation of the structural & Operational integrity of process piping system.

In brief, clients come to us when they need high-quality work executed and documented to withstand the most rigorous reviews.

### Contact Details

Email : [sales@neocentengineering.com](mailto:sales@neocentengineering.com)

Website : [www.neocentengineering.com](http://www.neocentengineering.com)

Linked in : <https://www.linkedin.com/company/neocent-engineering>

India Contact : +91- 8000 860 806

Canada Contact : +1 (226)961-5067

#### Disclaimer :

All Content/Information present here is the exclusive property of Neocent Engineering Pvt. Ltd (NEPL). The Content/Information herein merely represents and highlights the nature of work and projects successfully undertaken by NEPL and is not intended to be advisory in nature. No representation or warranty, express or implied is made with regards to the contents of the said Document, and the recipients of this Document should not place undue reliance on this Document and should use their own independent prudent judgment while entering into a contractual relationship with NEPL based on the information contained in this Document. The contents of this document, including without limitation, details about services, pricing information, forward looking statements, capabilities and results are liable to vary on a case to case basis, due to factors beyond NEPL's control. All opinions expressed by any Third Party that form part of the contents of this document are such Third Party's own independent opinions and NEPL assumes no responsibility for the same. That except for entering into a business relationship with NEPL, no material from here may be copied, modified, reproduced, republished, uploaded, transmitted, posted or distributed, or used for any commercial purpose whatsoever, without the express written consent of NEPL. All content/information provided herein is protected by stringent contracts, statutes and applicable Intellectual Property Laws. Unauthorized use of the content/information appearing here may violate copyright, trademark and other applicable laws, and could result in criminal or civil penalties.