

AVINASH VELUTURLA

Mob: 682-240-5559, E-mail: avinash.veluturla@yahoo.com
(413 Summit Avenue, Apartment 252, Arlington, Texas, TX-76013)

Personal Statement: I undertake quick design, technical specifications sheets and sketches for bid submission. I carry out full set of design calculations, fabrication drawings and PED documents of pressure vessels, tanks and piping to the appropriate codes using latest software. I check the drawings prepared by draftsmen in conformity with the purchase order and specifications.

Educational Qualifications:

- Masters in Mechanical Engineering from University of Texas at Arlington.
- Bachelor of Engineering in Mechanical Engineering from Osmania University.

Design & Drawing Software skills:

Pressure vessel design: FINGLOW, VVD (Visual Vessel Design), STAAD Pro V8i

Analysis: ANSYS, CFD, Matlab

Modelling: AutoCAD, SOLIDWORKS, UNIGRAPHICS, PROE, CATIA

Experience with Design Codes & Standards: ASME VIII Div. 1, PD 5500, EN 13445, EN 14015 & TEMA.

Career History:

Currently working online for VETSL (V Educational & Technical Services Limited, UK organisation) as a design engineer started from 1st September 2015. The projects recently undertaken are:

- Deaerator Vessel design & drawings for client CPS Limited, UK for the project of Talisman Sinopec Energy UK Limited.
- Decanter Vessel design & drawings for client CPS Limited, UK for the project of Doosan Babcock, UK.
- Replacement of Cone on Quench Vessel design & drawings for client CPS Limited, UK for the project of Dow Corning Limited.
- Hot HTM Expansion Tank design & drawings for client CPS Limited, UK for the project of Doosan Babcock.
- Previously I worked for Thermal Systems Hyderabad Private Limited, India as Design engineer for 1 year full time (June 2013 to May 2014) and 2 years part time (June 2011 to May 2013) while I was pursuing my under graduation.

Projects:

- Presently working on a project named DYNAMIC COLD PLATE FOR EFFECTIVE COOLING OF MULTI CORE HIGH END CHIP SCALE PACKAGES.
- My Project in under graduation was on Foot Step Power Generation System which is to utilize the wastage energy of the man to produce electricity for day to day life.
- My Internship was at Srisailem Hydro Power Station as a Trainee Engineer.

My higher education, work experience on pharmaceutical and energy industries have made me fully aware of the hard work, commitment and dedication, in industry demands and I am confident that my passion for science combined with an enquiring mind enable me to meet the intellectual challenges involved.