



Muhammad Salem Abdul Ajes, ST., CPE 1

Education **Bachelor of Mechanical Engineering**
University **Fatahillah Technology Institute**
University Location **Cilegon, Banten, Indonesia**
Date CPE1 Awarded **August 17, 2015**

Summary

I am a hard working engineer looking to build knowledge and experience with a great team. I am Muhammad Salem Abdul Ajes from Indonesia. I hold a Mechanical Engineering degree from Fatahillah Technology Institute-Cilegon, Indonesia with GPA 3.42. In addition I graduated in mechanical engineering from 4th generation of Fatahillah Technology Institute-Cilegon, Indonesia.

Before graduation, I was appointed to design and make the tool "Fluid Friction Apparatus" to be used in the lab Phenomena of Basic Machine Fatahillah Technology Institute. I also took on the job training in Steam Electric Power Plant (PT.PLN Power Sector PLTGU Cilegon) with report "Evaluation Performa of Steam Turbine after Overhaul Combustion Inspection" successfully completed the final project "Simulation Busrting Test Elbow 16" Long Radius 90° ASTM A234WPB with Finite Element Method using Software ANSYS Workbench."

I have practical experience as a welder and in piping design as well as mechanical engineering fundamentals. I advance my education by continuing technical or non-technical training. I have gained international certifications on my personal time to increase my engineering knowledge.

Work History

Oct 2015 to Present Mechanical Engineer at KLM Technology Group
Feb 2015 to Oct 2015 Piping Design Engineer at SAMUDRA MARINE INDONESIA, PT
Mar 2011 to Mar 2013 Office Administrator at MARINTARA HERON JAYA, PT
July 2010 to Dec 2010 Welder at NAMURA TEKNIK, CV

Training

June 4 to August 17, 2015

Certified Practicing Engineer Level 1 (CPE 1 - International Association of Certified Practicing Engineer)

September 5 to November 21, 2014

Operator Autodesk Inventor 3D at Fatahillah Technology Institute, Cilegon, Banten, Indonesia

June 18 to July 23, 2014

On The Job Training at Electric Steam Power Plant (PT.PLN Power Sector PLTGU Cilegon)

April 14 to May 19, 2014

Mechanical Drafter at Serang Industrial Training Institute

March 17 to March 20, 2013

Character Building Training for Student conduct by Banten Province

Awards

December 20, 2015 The Best Graduate Mechanical Engineering Student at Fatahillah Technology Institute, Cilegon, Banten, Indonesia 2015

Publication

January 2017 Hydrostatic Pressure Testing of Piping Systems

July 19, 2016 *Guidelines for Reducing Corrosion Under Insulation and Its Safety Consequences*. International Conference on "Physics and Mechanics of New Materials and their Applications" (PHENMA 2016). Surabaya, Indonesia.

October 7, 2016 *Guidelines for Reducing Corrosion Under Insulation and Its Safety Consequences*. Engineering Practice IACPE Magazine Vol. 2 Number International Association Certified Practicing Engineers, <http://www.iacpe.com/uploads/1/7/9/1/17914777/engineeringpractice-oct2016.pdf>.

November 17, 2015 Virtual Bursting Test Elbow 16" LR 90° With Finite Element Method Using Software ANSYS Workbench (FT UMJ ISSN : 2407 – 1846, e-ISSN : 2460 – 8416) <https://jurnal.umj.ac.id/index.php?journal=semnastek&page=article&op=view&path%5B%5D=496>