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CONTACT INFO

Mobile: +1XXXXX Skype:XXX Email: XXXXX@gmail.com

SUMMARY

Process design engineer knowledgeable in different stages of chemical process design and development, with demonstrated competency from basic to detailed designs.

PROFESSIONAL SKILLS

- Hands-on experience in preparing the basic and detailed engineering packages, P&ID, PFD, process equipment datasheet & pressure safety systems.
- Expertise in designing and operation of distillation column, molecular sieve, shell & tube heat exchanger, air cooler heat exchanger, two & three Phase Separator, pumps, single phase & multi-phase pipeline, control valve, and pressure safety valve.
- Knowledgeable in regulations and standards i.e. API, ASME, TEMA, ANSI and Shell DEP.
- Extensive experience in technical communication with client, process licensor and equipment vendor.

PROFESSIONAL EXPERIENCE

Process Engineer

June 2012 – December 2014

XXXXXX. www.XXXXXt.com.sg

Singapore based Oil & Gas EPC Company.

Projects:

Silica Gel and TEG Natural Gas Process Plant

Conducted try party technical meeting (BAPEX, Sinopec, Process Technology Supplier: BASF, GRACE) regarding process design, evaluation, and selection of process technology. Prepared P&ID, PFD and datasheets for equipment and instruments. Extended support to inter-disciplines during vendor kick-off /review meetings. Prepared of operating and maintenance manuals. Attended HAZOP meetings and involved in further reviewing of closeout activities. Trained client operator for safe and smooth plant operation.

Condensate Fractionation Plant

Conducted pre-commissioning activities, safe plant startup, and guarantee test run. Supervised shift activities, normal operation, conducted safe & sound plant startup and shut down. Troubleshoot process control system.

Training: Heat Transfer Research, Inc.(HTRI) Xist Workshop, Jakarta, Indonesia

EDUCATION

Auburn University

Auburn, AL

PhD in Chemical Engineering CGPA: 3/4.0

Ongoing

Yeungnam University

Gyeongsan, South Korea

MSc in Chemical Engineering; CGPA: 4.31/4.5

February 2018

Bangladesh University of Engineering and Technology

Dhaka, Bangladesh

BSc in Chemical Engineering; CGPA: 3.22/4.00

March 2012

PROCESS SIMULATION & DESIGN SOFTWARE LITERACY

Process Simulation & Design: Aspen HYSYS, Aspen Plus, HTRI, EDR, Flarenet, OLGA.

Process: CAD: AutoCAD, Visio.

LANGUAGE PROFICIENCY

English: Language Proficiency Test: IELTS, Overall Band: 7.5

PROFESSIONAL AFFILIATION

Institute of Chemical Engineer (IChemE): Associate Member (AMIChemE); Membership No: 99970905

American Institute of Chemical Engineering (AIChE) Student Member