



CHANINTHORN NASOK

MECHANICAL ENGINEER



WORK EXPERIENCE

Present
Nov, 2016



Mechanical Engineer (Reliability)

At Solvay Peroxythai

Rayong

- Manage the mechanical integrity include planning , inspection scheduling , coordinator, overhaul and repair
- Specify appropriate preventive maintenance , predictive maintenance , corrective maintenance on Failure Modes and Effects Analysis (FMEA)
- Review PM plan and maintenance activities with maintenance team and revise work instruction to enable more efficient.
- Analyze about Thermography , vibration , lube oil monitoring include scheduling review and corrective action follow-up
- Classification critical equipment and critical spare part control
- Recommend and improvement changes to provide for improved reliability and availability of equipment.
- Perform equipment reliability analysis and improvements by Root Cause Failure Analysis (RCFA), trends, historical, and field data
- Knowledge about Process Safety Management (PSM) , HAZOP , LOPA , LOTO , material spec
- Supports commissioning all activities , renovation , equipment datasheet and material specification for project
- Coordinate and assist in improve of plant , including equipment additions, modifications, deletions and process design
- Support and review turnaround work , unit shutdown planning and scope of work including coordinate contractor , vendor (manpower , scaffolding , mobile crane , specialist)
- Meeting for discuss with process engineer , production staff and technical specialist on design or re-engineering of existing work processes to increase efficiency and effectiveness within established technical standards
- Support process safety, safety and environmental compliance by participating in process hazard analysis, incident investigations, management of change, and providing technical assistance for work scope and assessment of operating impacts on equipment.
- Coordinate with foreign specialist for critical equipment PM or equipment problem solving and new/improvement project

2015 - 2016



Mechanical Engineer (Maintenance Engineer)

At TTW (Amata Nakorn)

Chonburi

- Management water resource , raw water , water supply and waste water treatment
- Monitor and maintain waste water system
- Preventive & Corrective Maintenance plan all area of Amata Nakorn
- PM inspection underground pipes network , manhole , Lift station , reservoir (Pump , Water level)
- Improvement project of waste water pipe line
- Plan and control in managing project include coordinate with vendor,contractor
- Coordinate with factory , PTT and PEA when underground pipes repair
- Plan and coordinate with factory for piping repair
- Solve and reduce complaint from factory
- Coordinate with contractor for piping repair and quality control
- Advise about standard and sampling pit point for new factory or modification
- Monthly meeting about water sampling of waste water and problem analysis from complaint of factory



CONTACTS



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CHONBURI



EDUCATION 2006-2011



King Mongkut's University
Of Technology Thonburi



Bachelor Degree of Industrial
Major : **Mechanical Engineering**
GPA : **3.15**



COMPUTER SKILLS



MS Word ● ● ● ● ●



MS Excel ● ● ● ● ●



MS Power point ● ● ● ● ●



Solidworks ● ● ● ● ●



Autocad ● ● ● ● ●



Visio ● ● ● ● ●



PERSONAL SKILLS



Leadership ● ● ● ● ●



Teamwork ● ● ● ● ●



Time management ● ● ● ● ●



Communication ● ● ● ● ●



DISC ● ● ● ● ●



Coaching ● ● ● ● ●



WORK EXPERIENCE



SKILLS

2014 - 2015



Facilitator

At Thai Ceramic Roof Tile (SCG)

▼ Saraburi

- Project consultant for Work Base Learning and Project Base Learning
- Action plan about machine repair manual by work with maintenance team
- Coordinate with all department for employee evaluation and feedback about learning process and behavior include weak point and strong point
- Coordinate between production and maintenance team for support training TPM step 1 (PM & Five senses)
- Lead ET pillar (Education and Training) of TPM
- Recommend about OPL (One-point Lesson) and CLIT (Clean – Lubricate – Inspect – Tighten)
- Monitor , take care , design and create activity package for self-development of employee
- Coach about learning process skills , behavior , strong point & weak point
- Recommend method to self-development include leadership , DISC , positive thinking , time management , knowledge management , teamwork , planning and QC 7 tools
- Knowledge management record from Project Base Learning and Work Base Learning in portfolio and sharing
- Evaluation of results from Work Base Learning and Project Base Learning along with feedback of department manager
- Design form and evaluation criteria for selection of employee into SCG CBM Constructionism (6 persons/year)
- Monthly meeting for follow-up progress report of Project Base Learning and Work Base Learning along with learning process
- Coordinate between department manager and staff to finding a conclusion on the topic of project and purpose
- Reflection and feedback with in Facilitator team for develop and improve

TPM



QC 7 tools



Kaizen



Root cause analysis



Proactive problem solving



Mechanical integrity



One-point lesson



Planning



Project management



PRESENTATION

Air Comp Inspection checklist

2012 - 2014



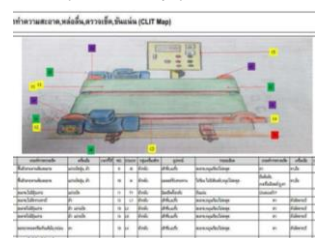
Mechanical Engineer (Maintenance Engineer)

At Bridgestone

▼ Rangsit

- Monitoring and controlling preventive maintenance , corrective maintenance and breakdowns machine
- Maintain Risk Base Inspection (RBI) and accuracy all equipment of machine
- Coordinate with production department daily , weekly , monthly , annual and shutdown plan
- Monitoring all equipment such as pumps , piping , valves , gearbox , flexible hose , rubber hose , copper tube , flange , bearing , cylinder , heat exchanger , tank etc.
- Plan overhaul and replace part according to scheduling
- Root cause analysis to resolve machine problem by 5W1H
- Provide technical for maintenance and methods solve repetitive breakdowns or uncontrolled
- Maintenance history record all equipment of machinery
- Control and update spare part in stock
- Activities (safety , kaizen ,TPM , energy save , 5s, cost save , leak check)
- Machine improvement for safety and increase effective
- Maintenance team meeting safety and plan for material, manpower and duration before work start
- Follow up/progress report breakdowns machine , plan maintenance and machine abnormal
- Recommend and OJT maintenance staff by OPL(one point lesson)
- Make and control yearly mechanical maintenance budget
- Modify equipment machinery to decrease breakdowns machine and cost saving
- Review preventive maintenance plan , check sheet and inspection scheduling to improve
- Morning talk about safety and KYT activity for emphasizing safety come first
- Monthly meeting for conclusion and presentation about target of breakdown machine , machine problem , follow-up PM plan , TPM , energy save , 5S , leak point and action plan for big case of machine breakdown

TPM (CLIT Map)



Ultrasonic Thickness Measurement

