

ACHMAD, ST

MALE, MARRIED 37 YEARS

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**CAREER OBJECTIVE**

To expand skills and experience within the heavy equipment maintenance management, improve best practice repair and maintenance of mobile equipment in open pit and underground mine.

**PROFILE**

I am Engineer 18 years experiences working on heavy equipment maintenance and repair management in open pit and underground mine in Indonesia, Laos, Mongolia, DRC Congo, Eritrea and Liberia for Caterpillar, Komatsu, Hitachi, Busyrus and Atlas Copco brand. I have strong interpersonal skills and I like to work closely with others, self motivated to work independently or develop positive working relationship in teamwork and multicultural members. I have good judgment high background for the analysis, diagnostic of mechanical failures, RCM and identifying opportunities to improve efficiency, reliability and low cost maintenance.

**EDUCATION**

2006 – 2009 Bachelor Degree of Engineering, Pembangunan Nasional University Indonesia

1995 – 1999 Technical High School, Automotive

**LANGUAGE**

English Fluent

French Basic

**SKILL**

Microsoft Office

CAT ET, VIMS

SAP

Caterpillar Dealership SOP

Komatsu VHMS

AMT (Asset Management System)

**WORK EXPERIENCE**



July 2016 – September 2017

Company : **ArcelorMittal (Iron mine) in Liberia**

Designation : **Maintenance Superintendent**

Key responsible areas

1. Ensure optimal plant maintenance and availability of CAT equipment.
2. Management of Buchanan Generators and power house.
3. Monitor and measure daily efficiencies.
4. Implement productivity improvement initiatives according to the maintenance plan.
5. Report all break down to management.
6. Coaching and develop skill of subordinates.
7. Undertake continuous improvement programs.
8. Investigate, assess and where appropriate, trial new technology, keeping abreast of individual developments.



August 2015 – June 2016

Company : **Nevsun Resources LTD (Gold, Copper and Zinc mine) in Eritrea**

Designation : **Maintenance Technical Trainer**

August 2015 – July 2016

Key responsible areas

1. Identify employee whom is responsible to mentor
2. Provide on the job skill training
3. Skill evaluations
4. Provide timely and constructive feedback on the performance and progress to training dept
5. Complete on the job training record
6. Liaise with the training department on practical assessment
7. Knowledge of KPI on all equipment
8. Prepare mechanical maintenance information
9. Control downtimes by inform production worker of routine PM technique
10. Maintain technical knowledge by attending educational workshop
11. Prepare mechanical maintenance report by collecting analyzing and summarizing information and trend

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September 2013 – July 2015

Company : **Congo Equipment (Caterpillar Dealer) in Democratic Republic of Congo**

Designation : **Maintenance Superintendent**

Key responsible areas

1. Coordinate and supervise the maintenance works mobile equipment for the successful completion of planned repairs and to provide effective responses to unscheduled repairs or breakdown on Caterpillar Machine ; Hydraulic Face Shovel CAT 6030/RH120, CAT 6020, Off Highway Truck 772G, 777D Motor Grader 16M, 14M, Large Wheel Loader 988G, 992F Track Type Tractor D10T, D8R. Industrial engine 3512B, C15 on Atlas copco Drill Pit Viper 351, 325 and D60, CAT ADT 740, 740B, 725 and 730, CAT HEX 330D, 374D, 320D. Wheel Dozer 824H
2. Coordinate and develop the assigned subordinates in repairing/overhauling for maintenance on equipment and in order to optimize workable time and to minimize turn-around of each maintenance event.
3. Enforce safe and environmentally friendly working procedures in order to ensure the excellent safety record and encourage employee participation in health and safety matters in order to comply with statutory requirements and HSE exception.
4. Coordinate continuous improvement and optimization activity in order to ensure optimum efficiencies in ongoing basis
5. Keep updated on the last technical developments from OEM in order to be advised on any technical problem that arise from the use of project equipment
6. Responsible for driving the maintenance implementation amongst the operation, maintenance and procurement departments
7. Consolidate reports from subordinates to procedure effective backlog plant asset management plan and implementation in order to ensure the accurate presentation of daily and monthly reports.
8. Perform knowledge sharing in order to enhance the professional development within organization.

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January 2012 – August 2013

Company : **Wagnerasia Equipment LCC (Caterpillar Dealer) in Mongolia**

Designation : **Technical Trainer Supervisor**

Key responsible areas

1. The primary responsible of the technical / Maintenance supervisor to mentor and develop the national product support team in the safe, efficient and timely repair of all CAT equipment owned and operated by Leighton the mining contractor at the Energy Resources Ukhaa Khudag Coal Mine and Rio Tinto Gold and Copper Mine in the south Gobi Region of Mongolia.
2. Direct and controlling, carry out all maintenance, repair, diagnose to optimize response time, accurately to meet the benchmark quality standards on Caterpillar Machine Hydraulic face shovel CAT 6060 / RH340, Electric rope shovel 7495R, OHT 793D, 785D, 777G, 777D, Motor Grader 16M, 24M, Large wheel loader 990H, Track type tractor D10T, D8R. Industrial engine 3512B, C15 on atlas Copco Drill Pit Viper 351, 325 and D60.
3. Develop the dealer – customer responsible by proactively cooperating and coordinating with the customer maintenance management team to ensure all maintenance scheduled events are completed in a safe, efficient and timely manner.
4. Conduct technical needed assessment of the maintenance and repair service to be enhanced
5. Develop maintenance framework, activities with clear objectives, identify the service, task and activities be enhanced as well as key staff roles and their job description in accomplishing program objectives.
6. Regularly to the field in coordination with relevant technical staff to ensure quality field implementation and troubleshoot issue to support continuous community activities.
7. Responsible for maintaining safe and reliable mobile mining equipment for the mining department by the application and monitoring of maintenance system.
8. Serve as technical resources and reference to component leads and service maintenance provider.
9. Providing guidance and follow up support on overall repair and maintenance program, development and implementation of work area, quality assurance activities and timelines.
10. Carry out failure analysis and develop root cause analysis report for failure of component/parts. Determine corrective actions if necessary to reduce or prevent the incidence of such failures.
11. Develop scopes of work for major machine repair, determining safety requirements, trades, material, tools and special equipment needed to complete the works.



January 2011 – December 2011

Company : **Panaust (Gold and Copper Mine Project) in LAOS PDR**

Designation : **Reliability Engineer**

Key responsible areas

1. Work actively the Reliability Superintendent and Mobile Maintenance Superintendent to ensure safety and machine availability, reliability and cost goals are achieved for Caterpillar Machine : OHT 777D. Motor Grader 16M ADT 740B and 740. Track Type Tractor D10T, D8R. Hydraulic Excavator 330B and 320D. Compactor CS325. Wheel Loader 990H and 950G. Wheel Dozer 834H and 824H. Industrial Engine C15, C13, C11 and C7 OK Machine : RH120, RH90 and RH40 Komatsu : Hydraulic Excavator PC3000, PC2000 and PC1250 Drill Machine : Atlas Copco D65, L8-54 Mobile Crusher : Sandvik
2. Preparation and ongoing of preventive maintenance program, work procedure and development of bill of material for all mobile and mining equipments
3. Assist in determine optimum inventory holding levels for service kits, consumable, breakdown spares and component change out items
4. Initiate planned work request for maintenance arising from equipment health indicator
5. Produce accurate/quality job plans, estimates, material requirements and property authorized work
6. Active and continuous liaison between operation and the maintenance department
7. Management of OEM product improvement programs
8. Carry out failure analysis and develop rot cause analysis report for failure of component/parts.
9. Determine corrective actions if necessary to reduce or prevent the incidence of such failures.
10. Mentoring of Laos staff through hands on training in determining root cause failure, influencing factor and possible changes to strategy to prevent failure occurring again.
11. Monitoring and management of equipment reliability and availability issues. Have as strong influence over the top failure modes and corrective actions
12. Develop scopes of work for major machine repair, determining, specialized safety requirements, trade, material, tool and special equipment needed to complete the work
13. Provide regular, accurate and timely input into capital and planned component requirements for the purpose of budgeting and financial forecasting.
14. Monitor and liaise with the maintenance, service, repair contractor to ensure standard are cost effective.
15. Monitor all condition health (SOS Program) advising optimal oil replacement interval.



August 2009 – December 2010

Company : **Leighton (Coal Mine project) in Indonesia**

Designation : **Maintenance Superintendent**

Key responsible areas

1. Ensure that all area supervisors' accurately complete daily breakdown reports, supervisors shift report, PCR's for submission the planning and administration before 7 am every day, ensure accurate breakdown hours information is provided; Caterpillar : OHT 777D. Motor Grader 16M. Track Type Tractor D10T, D8R. Hydraulic Excavator 345B and 320D. Industrial Engine C15. Liebherr : Hydraulic Excavator R854, Hydraulic Shovel R9250 and Hydraulic Excavator R9350 Komatsu : Hydraulic Shovel PC3000 and PC1250 Hitachi : Hydraulic Excavator 1200 Drill Machine : Atlas Copco D60 and Ingersoll Rand
2. Analysis of component condition and recommendation of parts required, ensure correct procedure used when troubleshooting breakdowns and failures;
3. Review operator's check list summary and mechanical inspection sheets; ensure submission to planning department with repair and parts recommendation.
4. Ensure supervisors and mechanic raise recommended parts list accurately to address all known work, breakdowns, and planned maintenance;
5. Planning and coordination of shutdown work in cooperation with planning department. Ensure all repairs are carried out I a cost effective and timely manner;
6. Investigation and reporting of all accident damage to all equipment in the field and associated area, this includes operator abuse;
7. Ensure a safe working environment for all employee by ensure all activities are carry out according to the work procedures.
8. Ensure that all maintenance tasks are carried out in a safe, timely and cost effective manner;
9. Ensure all disciplinary actions are issued as required in accordance.



August 2006 – July 2009

Company : **Trakindo (Caterpillar Dealership) in Indonesia**

Designation : **Maintenance Supervisor**

Key responsible areas

1. Supervise and control all maintenance activity and equipment performance data to permit ad-hoc maintenance analysis reports (i.e. equipment defect lists & backlogs, downtime, availability, utilization and maintenance costs). Caterpillar Machine : OHT 793C, 785C, 773E. Motor Grader 24H, 16H. Track Type Tractor D11R, D10T, D8R. Hydraulic Excavator 5230B, 350L, 365, 320B. Wheel Loader 994D, 994 Wheel Dozer 854H and 834H. Industrial Engine 3508, 3516, 3306. Scraper 657E
2. Supervise and control all field maintenance works and health activities to meet the benchmark quality standards.
3. Supervise and control the process of breakdown diagnoses to optimize the response and accurate troubleshooting.
4. Control the preparation of maintenance plan implementation, assess safety and risk of jobs, and determine tasks priority according to benchmark standard and resources available.
5. Supervise and control all maintenance and repair works to meet the benchmark quality standards.
6. Plan and evaluate the implementation of man power development, identify and recommend subordinate development (skill and working attitude) in his/her unit according to the competency needed.
7. Implement SHE procedures in the working place



July 2004 – July 2006

Company : **Trakindo (Caterpillar Dealership) in Indonesia**

Designation : **Maintenance Foreman**

Key responsible areas

1. Direct and controlling all maintenance , repair , diagnose to optimize response time ,accurately to meet the benchmark quality standards
2. Direct and control all tools and operating field vehicle for availability , safe and in good condition
3. Directing and organizing for using part’s stock at field container always recording and following process flow
4. Directing and controlling all field maintenance works and health activities as request form equipment health, machine application or planner also provide equipment performance data to another parties (i.e. follow up check sheet , backlogs form, Performance test data)
5. Directing organize labor technician at every job and input time sheet allocation at correct work order also collecting to service administration daily .
6. Plan and evaluate the implementation of man power development, identify and recommend subordinate development (skill and working attitude) in his/her unit according to the competency needed.
7. Implement SHE procedures base on company regulation in the field and conduct safety meeting regularly on his crew very shift .
8. Ensure safety, healthy and clean working place, prevent incident and accident occurred
9. Monitor and evaluate Service STUR : Supported Quality and Delivery Time DRA on time submit to Service administration.



April 2001 – June 2004

Company : **Trakindo (Caterpillar Dealership) in Indonesia**

Designation : **General Technician**

Key responsible areas

1. Analyze and conduct repair and maintenance (i.e. all adjustment and calibration, testing, etc.) of various types of machine, engine or power generation.
2. Analyze and conduct troubleshooting on any operations faults or damage occurred to machine, engine or power system according to caterpillar service procedures.
3. Analyze, diagnose and summarize various data/information produced by equipment tools such as ET,VIDS,VIMS, etc., and give advice on SOS Lab report.
4. Conduct equipment delivery and revisit to do various maintenance activity (i.e. adjustment, testing, etc) of different type of machine.
5. Develop mechanic skills, identify and recommend skill development program according to competency needed.
6. Implementation of SHE system and procedure; and identify potential hazard.
7. Inspect and prepare report in standard service form



September 1999 – March 2001

Company : **Trakindo (Caterpillar Dealership) in Indonesia**

Designation : **Trainee Mechanic**

Key responsible areas

1. Recondition Engine small components
2. Recondition power train and hydraulic components
3. Conduct repair and maintenance (i.e. all adjustment and calibration, testing, etc) of various problem on engine/power train/hydraulic system/fuel system/auto electrical.
4. Aware SHE activities in the working place (including the contamination control ).
5. Prepare report in standard service form

**REFEREE**

Name : Stuart Sallie

Position : Mechanical Consultant

Phone : +61455 666 628

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Relation : He is my superior during working together in Trakindo and Rio Tinto Project at Mongolia

Name : Palti Hutajulu

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Relation : He is my superior during working together in Trakindo and Wagnerasia

Name : Rob Rhodes

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Position : Maintenance Superintendent

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Relation : He is my superior during working together in Trakindo and Wagnerasia