

CANDIDATE'S PROFILE

Candidate code	37
Nationality	Indian
Current location	India
Current Organization	Epiroc Mining India Ltd, https://www.epiroc.com/en-in
Working since	May-2017 till date
Total Experience	10+ years

Education & Qualifications (along with Name of Institute / Year of Passing / Full time or Part time)

Overseas	• B.Tech. (Mechanical Engineering) from Biju Patnaik University of Technology Odisha 2011
Australian	• Certificate-III in Fixed & Mobile Plant Trades Recognition Australia (TRA) – copy attached

Our Remarks

• Currently working as Senior Service Engineer • Responsible for Mechanical, Electrical & hydraulic maintenance • Experience with Epiroc & Atla Copco mining equipment. • Hands on in Engine / Transmission overhaul • Keen to relocate to Australia • Family – married – will join later



RESUME

A dynamic professional with over 10+ years of rich experience in service & Maintenance of heavy earthmoving machines, currently working as Product Specialist in Epiroc Mining India Ltd. (Previously known as Atlas Copco India Limited After divided into two parts my employer changed From Atlas to Epiroc), where I am service & maintenance of Loader, dumper, Drill rig and other construction equipment.

Academic Qualification

- **Central Board Of Secondary Education | Koraput Odisha | 2005**
High School GPA - 78.2%
- **Central Board Of Secondary Education | Koraput Odisha | 2007**
Higher Secondary School GPA - 70.2%
- **Biju Patnaik University of Technology | Odisha | 2011**
B.Tech. (Mechanical Engineering) GPA- 6.36%

Employment

Employer - Epiroc Mining India Ltd

Location - Udaipur, Rajasthan

Designation – Senior Service Engineer

Duration – 2nd May 2017 to till date

Products handled:-

- **Hydraulic Attachment Tools:** MB1500, SB452, EC135, EC150
- **Loaders & Dumpers:** ST1030, MT436, MT6020, MT65
- **Exploration/Diamond Drilling Rigs:** PHC-4, Smart-6, Smart-6M and U-6
- **Development Drilling Rigs Boomer:** 282, S1D, M2C

Job Duties and Responsibilities-

- Perform workplace activities by using manuals (maintenance manual, spare part manual), reports generation (Maintenance check list, machine inspection report), implement and follow EHS guidelines.
- Follow safe working instruction at site & monitoring of machine performance
- Service and maintenance of equipment's of Epiroc like Hydraulic Attachment Tools, Loaders, Dumpers, Drill Rigs (MB1500, SB452, EC135, EC150, ST1030, MT6020, MT65, PHC-4, Smart-6 MCR, Smart-6M, U6, Boomer-282, S1D, M2C, Cable Tec LC)
- Carry out Diagnosis Procedure and scheduled maintenance which includes oil & filter change, engine tuning, lubricating mechanical parts, testing major components like engine, hydraulics, power train, brakes & electrical systems.
- Scheduled services of Engine & Hydraulic system by means of oil service, replacement of filters and worn out components, health checkup, testing, adjusting & engine tune-ups.
- Overhauling of Deutz engines (F5L 912W, TCD 3.6 L4)
- Overhauling of Rotation Units A-N 60CC, 80CC and B-H 110CC.
- Overhauling of Trido 80, 140 water pumps.
- Maintenance and repair related to engine cooling system, lubrication system, emission control system & forced-induction system.
- Responsible to maintain, repair, components replacement of hydraulic system which Diagnose and repair basic electrical system which include repairing circuit harness, starting system, charging system, safety measuring and monitoring devices, batteries with the help of multi meter (test/charge, replacement, jump start).



- Includes hydraulic pumps, motors, control valve, cylinders, hoses and fittings of earth moving equipment like Loader, Dumper, Drills used at site.
- Overhauling of Mining equipment which include assembling and dismantling of Engine assemblies, hydraulic system components, Transmission, Axles, electrical components.
- Rectification and repair on hydraulic brake (SAHR brake) system & steering system used in Mining Equipment
- Perform Service, diagnose replacement of faulty component of hydrostatic transmission used in Drills
- Reading and understanding of hydraulic and electrical schematics.
- Under carriage inspection, life span calculation of under carriage parts & maintenance
- Report making & submission
- Daily inspection, use and maintain tool & tackles, measuring and monitoring devices and equipment used at workshop for service, repair and maintenance activities.
- Repairing and replacing worn and defective parts and reassembling mechanical components and arrest the excessive play and leakages with help of bearings, seals, gaskets and adhesives at the site.
- Keep work-space, machines, and tools clean and organized and communicate effectively.
- Following the EHS guidelines to protect the environment as well as human health.

Worked as **Jr. Engineer in Atlas Copco**, March 2014 till April 2017

where I was taking care of Atlas Copco equipment i.e Loader, Dumper & Drill

Responsible for diagnose, service and maintain for all kind of failure in the following mining equipment:

Hydraulic Attachments: - MB1500, SB452, EC135, EC150.

Loaders:-ST1030.

Haul Trucks:-MT436, MT6020, MT65.

Drills:-PHC-4, Smart-6 MCR, Smart-6M, U6, Boomer- 282,S1D, M2C, Cable Tec LC.

- Strict compliance with Atlas Copco's Environmental Health and safety policy both at workshop & field.
- Safely dispose filters, oil and other waste material according to Atlas Copco's environmental policy.
- Schedule service of Engine, Transmission, Hydraulic system, compressor & axles in the above equipment range.
- Carry out scheduled maintenance including but not limited to oil & filter change, engine tuning, Lubricating mechanical parts in the above equipment.
- Safely use and maintain hand tools (like spanner set, mallet, hammer Etc.) special tools (Like Accumulator charging kit, Torque wrench Etc.) socket and equipment during working on machine.
- Properly use and maintain measuring equipment (Like Pressure gauge, Multi meter) in workplace
- Troubleshooting on 24V DC electrical system both engine and application.
- Repairs of SAHR brakes and steering systems (only hydraulics)
- Rebuild Engine, Transmission and axels (Cummins, Deutz, John Deere, Kessler, Hurth 112)
- Repair and troubleshooting of Hydrostatic & Hydrodynamic Transmission (Parker, John Deere).
- Calibration of Transmission with the support of diagnostic tools.
- Troubleshooting of fuel system (Only Diesel Engines).
- Diagnose, Trouble shoot and repair of Engine cooling system.
- Service and maintain track type drive and support systems.
- Service and repair final drive assemblies & drive shaft.
- Rebuild of Hydraulic Components like pump, valve block and Actuators.
- Reading and understanding of schematics diagram of Hydraulics.
- Reading and understanding of schematics diagram of Electricals both AC/DC.
- Test and Repair of Batteries, charging system & starting system.
- Hands on experience on AC Electrical circuits with 3 phases.



- Trouble shooting of control circuits of 3 phase Electric Motors.
- Report making and submission.
- Monitoring machine performance.

Trainings:

- Completed service level-1 training in Atlas Copco both Electrical and Hydraulics.
- Below mention safety training undergone.
Safety Induction, Lifesaving rule, Emergency preparedness plan, Firefighting usage of breathing Apparatus, Isolation &
- LOTO, Manual material handling, industrial hygiene, Housekeeping/5s, PPE awareness, Vocational Training for Mining.

Personal Dossier:

- **Date of Birth** – 8th March, 1989
- **Address** - Qr. No: B-14, HAL Township, Sunabeda-2, Koraput
- **Languages Known** - English, Hindi & Oriya
- **Marital Status**- Married



Tuesday 24th October 2023



SKILLS ASSESSMENT RESULT

This letter is to confirm that you have successfully completed your skills assessment in the nominated occupation identified below. The assessment reflects current industry standards, and confirms you demonstrated both the skills and experience to work at trade level in Australia in the nominated occupation.

Trades Recognition Australia (TRA) issues the following assessment:

Name	
Date of Birth	08/03/1989
TRA number	TRA23/777432895
Nominated Occupation	Fitter (General) – [323211]
Assessment Outcome	Successful
Assessment Document Issued	MEM31419 – Certificate III in Engineering – Fixed and Mobile Plant Mechanic

Although this letter has been sent to you by **Australian Construction Training Services** on behalf of TRA, this letter consists of a skills assessment by TRA for the purposes of the *Migration Regulations 1994*.

Phillip Smith
Company Director
Australian Construction Training Services

This skill assessment is undertaken for the purpose of migration and/or employment and/or to access occupational licensing. It does not guarantee the likely success or otherwise of obtaining Australian residency status, licensing or registration, or employment. TRA bases the above assessment on documents provided by the applicant and the conduct of a skills assessment. All reasonable efforts are made to verify the authenticity of documents submitted.



This is to certify that



has fulfilled the requirements for

MEM31419

Certificate III in Engineering - Fixed and Mobile Plant Mechanic

24 October 2023

John O'Donnell
Chief Executive Officer

Certificate Number: 13543



The qualification is recognised within the Australian Qualifications Framework

RECORD OF RESULTS

MEM31419 - Certificate III in Engineering - Fixed and Mobile Plant Mechanic

Year	Unit Code	Unit Name	Result
2023	MEM09002	Interpret technical drawing	RPL
2023	MEM11011	Undertake manual handling	RPL
2023	MEM12006	Mark off/out (general engineering)	RPL
2023	MEM12023	Perform engineering measurements	RPL
2023	MEM12024	Perform computations	RPL
2023	MEM13015	Work safely and effectively in manufacturing and engineering	RPL
2023	MEM14006	Plan work activities	RPL
2023	MEM16006	Organise and communicate information	RPL
2023	MEM16008	Interact with computing technology	RPL
2023	MEM16012	Interpret technical specifications and manuals	RPL
2023	MEM17003	Assist in the provision of on-the-job training	RPL
2023	MEM18001	Use hand tools	RPL
2023	MEM18002	Use power tools/hand held operations	RPL
2023	MEM18003	Use tools for precision work	RPL
2023	MEM18005	Perform fault diagnosis, installation and removal of bearings	RPL
2023	MEM18006	Perform precision fitting of engineering components	RPL
2023	MEM18018	Maintain pneumatic system components	RPL
2023	MEM18055	Dismantle, replace and assemble engineering components	RPL
2023	MEM27001	Maintain and repair stationary and mobile plant engine cooling systems	RPL
2023	MEM27004	Maintain and repair engine lubrication systems	RPL
2023	MEM27006	Diagnose and rectify batteries, low voltage sensors and circuits	RPL
2023	MEM27008	Maintain induction, exhaust and emission control systems	RPL
2023	MEM27016	Diagnose and maintain electronic controlling systems on mobile and stationary plant	RPL
2023	MEM27017	Maintain, fault find and rectify hydraulic systems for mobile plant	RPL
2023	MEM27019	Diagnose, repair and replace diesel engines in stationary and mobile plant	RPL
2023	MEM27020	Apply knowledge of large combustion engine operations to service and maintenance tasks	RPL
2023	MEM27023	Diagnose and rectify fieldbus circuits in mobile and stationary plant and equipment	RPL
2023	MSMENV272	Participate in environmentally sustainable work practices	RPL

C – Competent CT – Credit Transfer RPL – Recognition of Prior Learning

24 October 2023