

CANDIDATE'S PROFILE

Candidate code	72
Nationality	Indian
Current location	India
Current Organization	Sandvik mining and rock technology pvt ltd, India, https://www.rocktechnology.sandvik/
Working since	Nov-2017 till date
Previous Organization	-
Total Experience	6+ years

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

Overseas	West Bengal State Council of Technical & Vocational Education Belgharia, Kolkata, India 2017 Diploma Mechanical Engineering
Australian	Certificate-III in Engineering – Fixed & Mobile Plant Mechanic from Trades Recognition Australia (TRA)

Our Remarks

- Currently working as Service Engineer
- Responsible for Mechanical, Electrical, Pneumatic & Hydraulic maintenance of HEMM
- Hands on in varied brands of construction & mining equipment of Sandvik
- Attended trainings organized by Sandvik
- Family – Single
- Keen to relocate to Australia.



RESUME

A dynamic professional with over 6+ years of rich experience in service & Maintenance of mining equipment and heavy earth moving machinery. Currently associated with Sandvik Mining and Rock Technology India Private Limited, where i handled such as; Sandvik loaders LH517, LH621, LH621i. Sandvik trucks TH430, TH550, TH663i. Sandvik drills DL321, DL421, DD321 also knowledgeable in repairing the mechanical, electrical, and hydraulic system.

Academic Qualification

- **West Bengal Board Of Secondary Education | Taratala, Kolkata, west bengal | 2010**
High School
- **West Bengal Board Of Secondary Education | Taratala, Kolkata, west bengal | 2012**
Higher Secondary School
- **West Bengal State Council of Technical & Vocational Education and Skill Development | Belgharia, Kolkata, West Bengal | 2017** Diploma (Mechanical Engineering)
- **Certificate-III in Engineering – Fixed & Mobile Plant Mechanic from Trades Recognition Australia (TRA), 2024**

Employment

Employer - Sandvik Mining and Rock Technology India Pvt. Ltd.

Location - Ajmer, Rajasthan

Designation – Service Engineer

Duration – 01/11/2017 to till date

Equipment Handled

- Sandvik Machines
- Loaders – LH517, LH621, LH621i
- Trucks– TH430, TH550, TH663i
- Drills– DL321, DL421, DD321

Job Duties and Responsibilities:-

- Plan and carry out periodical and scheduled maintenance which include oil service replacement of filters and worn-out components, Health checkup, testing, adjusting and troubleshooting on the equipment as per recommended periodicity by OEM.
- Carry out trouble shooting and diagnostics procedure as per recommendation by OEM.
- Can read and interpret schematic diagram, electrical diagram as well
- Perform work place activities by using manuals (service manual, spare parts manual), reports generation (maintenance checklist, material request, purchase order, mechanical inspection report). implement and follow EHS guidelines.
- Performs commissioning of new machines.
- Responsible to reduce MTTR and MTBF, maintenance deviation, safe P&M operation.
- Performs hydraulic pump overhauling (gear pumps and piston pumps)
- Responsible to maintain, repair, components replacement of hydraulic system which includes hydraulic pumps, motors, valve, cylinders.
- Repair, test, replace components of cooling system and emission control system of engine.



- Inspect, service and repair of hydraulic brake components of equipment's.
- Check, repair and replacement of drive shaft and final drive components of equipment's,
- Diagnose and repair electrical system which include repairing circuit harness, starting system, charging system, safety measuring and monitoring devices, batteries (test/charge, replacement, jump start).
- Maintaining and overhauling of equipment's parts like boom and bucket, replacements of pin bushes and bearings.
- Replacing hydraulics cylinders seals, maintaining hydraulics system components
- Diagnose and troubleshooting of CAN bus system.
- Troubleshooting on engine starting problem, inspect battery condition as well as starter motor, alternators conditions rectifying and repair.
- Use and maintain measuring equipment in an automotive workplace e.g., Dial gauge, vernier calliper, micrometre, pressure gauges, digital multimeter and so on.
- Prepares and submits written reports such as Service reports, RCA, Job Timecards and any other reports deemed necessary
- Maintains order and cleanliness in the work area (5S).
- Troubleshoot and repair air-conditioning (HVAC) system of equipment's.
- Responsible for parts order and ensure minimum stock inventory.
- Responsible Machines fire hazard audit and report sharing with backlog.
- Diagnose and troubleshoot VCM (vehicle control module) and install new software.
- Responsible for taking machines alarm log, generate action and closing.

Environment health and safety (EHS)

- Carry out activities as per OHSAS 18001:2007-Occupational Health and Safety Management System at site and workshop which improve safe work practices.
- Implement and follow ISO14001:2004-Environment management system at work place which help to promote environment sustainability.
- Prepare EHS Risk management which identify hazard, evaluate the risk, determine the controls, implement control measures, review and update which is associated with workplace and site.

Personal Dossier:

- **Date of Birth** – 15/10/1994
- **Address** – West Bengal, India



Thursday 4th January 2024



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	15/10/1994
TRA number	TRA23/777436802
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

4 January 2024

John O'Donnell
Chief Executive Officer

Certificate Number: 13936



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

4 January 2024