

ALFRED-HUGO GRÜNSCHLOSS

Diesel Mechanic/Yacht Engineer/ ETO

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Nationality	South African / Namibian
Drivers License	C1 (GVM<16000kg)
DOB	26 November 1991
Visas	B1(American)/Schengen (EU)
Languages	English / Afrikaans
Current Location	Ostia, Italy



Single / Non-Smoker / No-Tattoos/ Looking to Relocate at own cost.

ABOUT ME

I am a qualified and experienced mining machinery Diesel Mechanic with a history of working on large equipment, currently working as an AEC Super-yacht Engineer. I am looking to secure an employment offer to allow me to apply for a work visa through the Canadian Express Entry programme. I gained experience in diesel power-plant installations and on-site commissioning within harsh environments in the past. I have a demonstrated history of fault-finding and repairs on electrical, electronic and hydraulic systems on large dump-trucks, hydraulic shovels and diesel generators while working in a zero harm safety environment for a world-class mining company. I possess a good understanding of safe working practices and am trained and experienced in risk assessments and incident investigations. My good general understanding of all electro mechanical systems including PLCs might place me well within a company whom is looking for a young fit and energetic individual to make into a valuable long-term asset.

CERTIFICATIONS

Advanced Engine Course (AEC)
MQA Diesel Mechanic Trade
Human Element and Leadership Training (HELM)
Designated Security Duties
Mitsubishi Advanced PLC Training
Hazard Identification and Risk Assessment Trained.
Elementary First-aid
Basic Fire-fighting

SKILLS

Strong Troubleshooting / Fault-finding
Diagrams and Schematics
Mechanical / PLC / Hydraulic Systems
Arc Welding / Plasma Cutting
Gas Welding and Cutting
HVAC & Refrigeration Experience (Basic)
Experienced w/ Cummins, MTU, Caterpillar, Perkins.
Diesel engine rebuilds and Generator Installations.
Arduino and basic coding

Seagoing Experience

Motor Yacht Glaze,

Trinity Yachts -50 meter

June 2018- Current

Lead Engineer

• As sole engineer I am responsible for all technical systems on-board, Mechanical, hydraulic, electric and electronic. Most importantly I am responsible for all maintenance and repairs on the Caterpillar 3512B main engines and 130kVa Northern-Lights Diesel Generators and ensure their reliable operation at all times. I work unsupervised and report directly to the captain. Maintenance planning and part stores make up part of what it takes to ensure we are able to sail anywhere at any time. Planning for yard periods and maintenance and repairs on all auxiliary equipments also form a large part of my work ensuring full compliance..

Motor Yacht Kaos,

SanLorenzo-38 meter

May 2017- June 2018

Sole Engineer

• My role as sole engineer saw me doing maintenance and repairs on all mechanical, hydraulic and electrical systems. Routine engine and generator maintenance was coupled with vessel systems upgrades and upkeep duties. Caterpillar C32 Main Engines and Kohler 90kVa Generators. Auxiliary tasks included servicing of hydraulic, electrical and shore-power systems. A large yard period was completed in Italy where many engine-room systems were replaced and upgraded. I was responsible for managing and overseeing all contractor work while reporting to the captain directly.

Land-Based EXPERIENCE

Power Generation Technician

October 2016 – March 2017 (Sub-Contracted)

Antarctica

As part of a massive refurbishment project of the SANAE IV research base during the 2016/17 summer season, I was sub-contracted as a Power-Generation Technician to ensure and sign off on the successful installation of the new Caterpillar C9 Generator Modules. My responsibilities also included ensuring the successful installation, testing and commissioning of the new 750kVa CHP Power plant and switchgear. This opportunity was presented to me following a very successful previous expedition where circumstances required me to change out and commission a generator unit un-assisted in a very remote location. Apart from my appointed responsibilities I also worked as voyage mechanic and stand in driver while moving equipment from the re-supply ship to the base 150 miles inland over the dangerous Antarctic continent. Maintenance and repairs were also done on the forklift, hydraulic vehicle lift and Mobile Cranes while at SANAE IV research Base.

Expedition Mechanic**April 2015 – May 2016: (1 Year expedition.)****Marion Island**

Appointed as sole expedition mechanic for the 20 member 72nd Marion Island overwintering research team. The remote location necessitated me to work unsupervised for more than a year. I was complimented for my hard work during a public address after the expedition was complete as the power plant was in very poor shape upon my teams arrival at the base. To ensure world class research for the season the plant needed to be repaired under difficult circumstances with limited to no assistance. Main tasks involved, but was not limited to- fault-finding, generator change-out, repair and maintenance of main power-plant. I also assisted in helicopter cargo slinging, bulk fuel transfer from ship to shore and maintenance and repairs on auxiliary systems. I was privileged to assist in field and oceanographic research on occasion.

Diesel Mechanic/ Field Technician**January 2014 – April 2015:****Anglo American, Sishen Mine**

Started formal employment as a Diesel Mechanic at Anglo-American on rotational shifts. Specialized and received training on Komatsu 860E and 960E mega haul-trucks. My work consisted of routine machine maintenance, rigging, large component refits, fault-finding, extensive Cummins/MTU engine repairs and field response duties during call-outs. We did numerous re-power projects by replacing Cummins powered units with experimental MTU S4000 power units. I was certified to drive and routinely test this equipment and had the opportunity on occasion to get involved on the 4100XPC P/H Rope, Liebherr 9800 and Komatsu PC8000 Shovel jobs and call-outs especially during rotation as an apprentice. Apprentices was rotated 3 months at different equipment divisions to ensure adequate exposure for when deciding which equipment to specialise on.

Diesel Mechanic Apprentice**March 2011:****Anglo American, Sishen Mine**

Joined Anglo American group plc. As a Diesel Mechanic Apprentice (MQA.). Where I worked in the red permit area on heavy machinery in between courses and fort field placement. This included workshop service and maintenance with routine large component refits. I spent more than 6 Months at the Haul truck section where I was finally offered a position after qualifying.

November 2010:**Stellenbosch, South-Africa**

Graduated from High School Stellenbosch.

EDUCATION

DATE	COURSE TYPE	DESCRIPTION
January, 2012	Fitting	Fitting and machining.
February, 2012	Diesel Trade	Advanced Diesel Trade Theory And Practice.
October, 2012	Auto Electrical	Auto-motive Electrical Training.
October, 2012	Hydraulic	Operation And Fault Finding On Hydraulic Components /Systems.
November, 2012	Welding	Arc Welding, Gas Welding, Silver Solder plasma-cutting.
January, 2013	Hydraulic Circuits/ Diagrams	Komatsu 730E Haul Trucks.
February, 2013	Basic Rigging	5 Ton Permit Of Competence.
April, 2013	Forklift	5 Ton Operating License.
April, 2013	Overhead Crane	80 Ton Operating License.
February, 2014	Huge Mobile Equipment	Mega Haul Truck Loading And Hauling Test License, 400tons.
October, 2014	MTU DDEC	Electronic control Systems
March, 2015	Offshore Survival, HUET, First aid And Fire fighting.	IMO, IASST And SABS Approved. (ISO 9001;2008)
October, 2016	Caterpillar Electronic Technician.	Caterpillar Engine Software Training.
May 2017	Advanced Engine Course Training	Marine Engine Training
December 2018	Mitsubishi advanced PLC training	PLC Programming
December 2018	Comptia Network +	I.T network Infrastructure
June 2019	Just ETOs Level2 Crestron and AV/IT Training	Crestron Technician Certificate

References:

Komatsu Southern Africa Mining Service Manager Gert van den Berg gvandenber@komatsuna.com +27 79 921 4271	Anglo American Mining Maintenance Manager Hugo Schreuder hugo.schreuder@angloamerican.com +27 63 111 2702	Komatsu Asia Mechanical Field Engineer Lyndonn Dela Rosa +60125387515 (Whatsapp)
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