



CALAMBA WATER DISTRICT

Lakeview Subdivision, Halang, Calamba City, Laguna

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www.cwd.com.ph



PHP QMS 21 93 0047

Project : Supply of Labor and Materials for the Preventive Maintenance of Air Compressor
Subject : SCOPE OF WORKS AND SPECIFICATIONS
Date : May 28, 2026

General – the works includes supply of labor and materials for the total preventive maintenance of four (4) units Air Compressor

Scope of Works

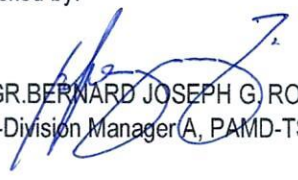
1. Checking of mechanical unit and parts including analysis and testing for the following:
 - Check leaks in engine/compressor (air/oil/fuel system)
 - Check torque on critical bolt connections
 - Check functioning of regulating valve
 - Check engine speed (minimum & maximum)
 - Check rubber flexibles
 - Check electrical connection and electrical system cables for wear
 - Check glow plugs, electrolyte level and terminal battery
2. Replacement of the following parts Par Oil E, Par Oil M, Par Cool EG and **Service Pak** consist of (fuel filter, oil filter, belt, oil separator, air filter element, pre-filter)
3. Drain, flushing of dirty radiator/engine cooling water refill with distilled water to proper level, treat with radiator /engine coolant and anti-rust
4. Drain used engine tube oil, remove dirty oil & fuel filter element, air cleaner element, engine flushing, refill tube oil to level, renew oil filter, fuel filter and air cleaner element
5. Drain used compressor oil, remove dirty oil filter, air cleaner element, refill compressor oil to level, renew compressor filter and air cleaner element.
6. Cleaning, high pressure washing of the unit grease hinges, adjust engine and outlet valve.
7. Testing (safety valve and glow plugs)
8. Submit service report with pictures after completion of preventive maintenance
9. Air compressor preventive maintenance is schedule within a year.

Note: Preferably authorized distributor of Atlas Copco.

Prepared by:


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Checked by:


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Department Manager A, TSD

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