



# RODSON UNIVERSAL PTE LTD

cranes, piling equipment, heavy machinery, marine equipment, shipyard equipment

57, Mohd Sultan Road, Sultan Link # 03-05, Singapore 238997

Company Registration No: 201009137Z

Ref: ga1215

[www.rodson.com](http://www.rodson.com)  
[info@rodson.com](mailto:info@rodson.com)

## 8 MW Natural gas Power plant 4x CAT engines

### Year manufacture of engines - 1 x 2007 & 3 x 2008

*This plant is working with Caterpillar natural gas generator sets 8MW (4 x G3520). Low Emission 2000 KW (2430 KVA) continuous power, 2689 HP, 1500 RPM, 50 HZ, Com. Ratio 11.3:1, Alternator SR4B, 11000 Volts, Electrical start, Double bearing generator, parallel to grid mode. The plant including: 4 CAT G3520, Remote radiators (Cooler), Synchronizing panel between 4 gensets, Battery charger panel for 4 gensets, and switch gear, Gas trains. All the panels manufacturing with Schneider Electric, Exhaust system, EMCPII panel, Jacket water heater, Air inlet system.*

*Co-generation system: Bono Energy – Made in Italy: NEW (never used).*

*The proposed steam generator is designed in order to recover heat from flue gases of 4 gas fired engines CAT G3520 rated 2MW/each.*

*The boiler shall be positioned downstream the 4 engines and the flue gases shall be collected in one single duct up to the generator flue gas inlet.*

*Each of the 4 engines shall be provided with dampers and a by-pass stack (as by pass duct it will be used the engine exhaust with muffler), the final stack will be a single unit. The heat Recovery Steam Generator will supply the saturated steam flow to the plant steam header and will be integrated from the steam generated by the existing fire tube boilers as per process needs.*

*Operating hours: Gen # 1: 9820 Hrs, Gen # 2: 7960 Hrs, Gen # 3: 9930 Hrs, Gen # 4: 8470 Hrs (Since new). Condition: Very good (Ready to work)*



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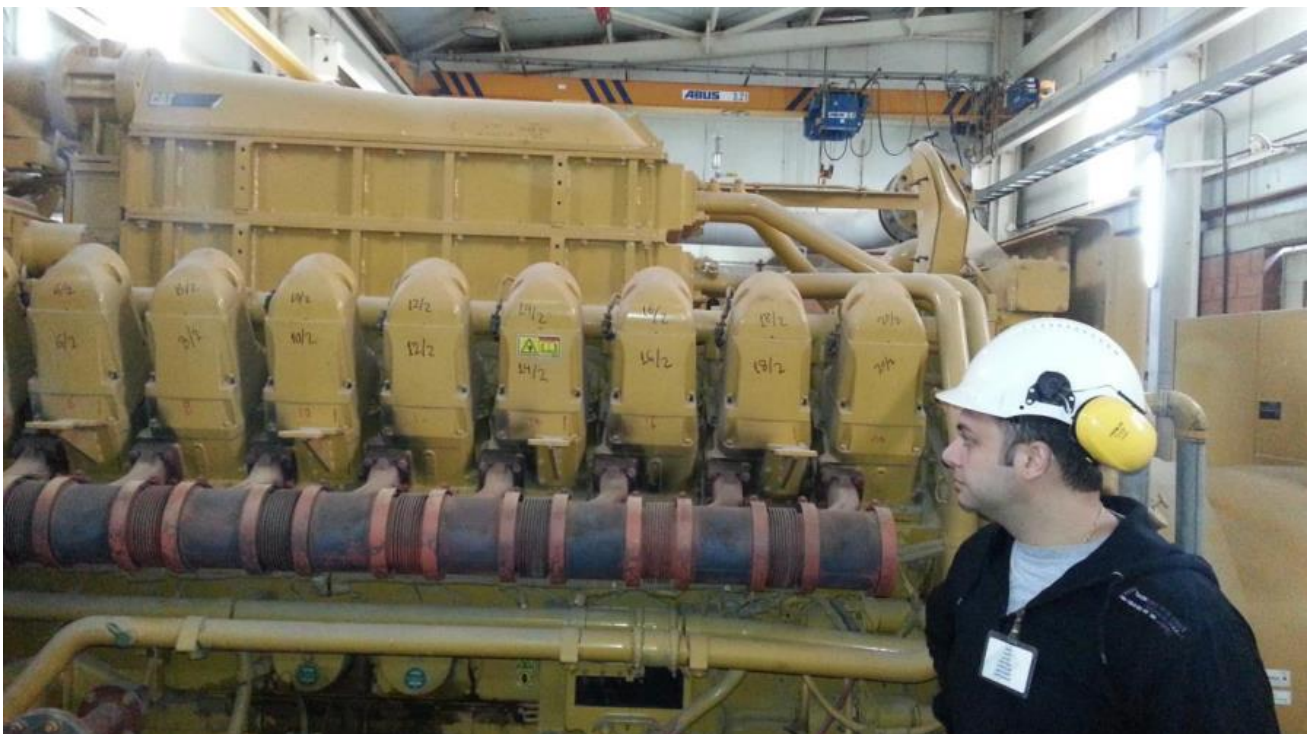
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