

*Copy for Nagasaki Surveyor.*

Spare Gears List for Dynamo Engine, Nagasaki Ship No.472.

M.B.D. ENG: Nos.92, 93 & 94.

Cylinder covers.

Studs and nuts for one cylinder cover.

Cylinder liners with packing rings.

Fuel valves complete with valve cage and spring ready for use.

Needle valves for fuel valve.

Springs for do.

Air inlet valves complete with valve cage spring & seats ready use.

Air inlet valves with seat.

Exhaust valves complete with valve cages, seats & springs.

Air inlet and exhaust valve springs.

Starting air valves complete with cage valves, seats & springs.

Starting air valve.

Springs for do.

Each kind of cam rollers.

Safety valve complete with cages, valves, and springs.

Springs for do.

Pistons complete with rings and pins.

Piston rings for do.

Connecting rod complete with top and bottom bearing brasses and bolts and nuts.

Bottom end bearing brasses with bolts and nuts for connecting rod.

Main bearing brasses with bolts and nuts.

Bolt and nut for do.

Gear wheels for upper and lower cam shaft drive. (4 off).

Plungers for fuel pump for one engine.

Gudgeon pins.

Brasses for gudgeon pins.

Suction and delivery valves for fuel pump.

Packings for do.

Each kinds of springs for do.



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Lloyd's Register

Foundation

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ets Springs for governor.

" Gum packing ring used in one engine between cylinder & cover.

" Each kind of valve levers.

" Cooling water and lubricating oil pump valve with seats for one engine.

" Each kind of pressure guages. (4 off).

ff Fuel pipes connecting fuel oil main supply pipe & fuel valve.

ets Each kind of strainers.

ff Each kind of other strainer element.

et Each kind of spring excludng those specified above.

" Each kind of bolt do.

" Complete set of packings for one engine excluding those specified above.

" Nonreturn valves.

ff Piston for cooling water pump complete with plunger and rod.

" Cooling water pump plunger with rod.

" Tube nest complete for lubricating oil cooler.

et Cam shaft bearing brass with studs and nuts.

" Working parts of fuel pump.

" Ball bearings (N.S.K. & S.K.F.)

ets Union nuts and Nipples.

ff Fuel cams with set bolts.

" Inlet cam.

" Exhaust cam.

" Plunger for emergency valve.

