

M. V. "CALGAROLITE"

LIST OF SPARE GEAR, TOOLS &C., FOR AUXILIARY MACHINERY

Babcock & Wilcox Water Tube Boilers

Spares

Inclined tubes, 4 inch diameter.....	8
Inclined tubes, 1.13/16 inch diameter.....	14
Return tubes, 4 inch diameter.....	2
Handhole fittings complete for headers.....	12
Handhole fittings complete for mud drums.....	2
Gauge glasses with washers.....	12
Gaskets for manhole doors in steam and water drums.....	6
Gaskets for handhole fittings.....	100
Safety valve spring.....	2
Internal valves for feed check valves.....	3
Feed Regulator Valve Liner & Float ...	One of each.

Tools

Sponge cleaners for inside of each size tube.....	1	
Steel wire brushes for inside of each size tube....	1	
Handles for ditto.....	1	
Pushing scrapers with handle for inside of each size tube.....	1	
Flat soot cleaning brushes.....	4	
Folding handles for ditto.....	2	
Round soot cleaning brushes.....	4	
Round handles for ditto.....	2	
Cutting-out chisels.....	1	set
Withdrawing tools for 1.13/16 inch tubes.....	1	"
Lances for soot cleaning.....	2	
Hoses for soot cleaning.....	1	
Expanders, short body, 4 inch with mandrils complete.....	1	
Expanders, ordinary, 4 inch, with mandrils complete..	1	
Expanders, ordinary, 1.7/8" with mandrils complete..	1	
Spanners for mandoor nuts.....	1	
Spanners for nuts of handhole fittings.....	2	
Babcock & Wilcox water testing set.....	1	
Boiler instruction card.....	1	
Engineers' reference book.....	1	

Todd Oil Burning Unit

Spare

Three burners complete with Atomizers and Tips
Three Sets of burner tips of different sizes each set
sufficient for fitting to working and spare
burners.

One set of Atomizers for working and spare burners
One burner body
One burner nut
One burner tube
One flame cone
One set Brick Quarls
One Strainer for Suction Filter
One Strainer for Discharge Filter
One B.C. Thermometer
One set of Spares for Oil Fuel Pumps
One Spare Gear Box with Lock.

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4" Fire and General Service Pump (Worthington Simpson)

Pump Spares

- 2 G.M. Impellers
- 1 Shaft
- 1 Set of rings and bushes
- 1 Thrust block
- 1 Bearing Bush
- 1 Set coupling pads

"RADJET" Equipment for Auxiliary Condenser

Spares

- 1 first stage Strainer
- 1 second " "
- 1 first stage Nozzle Plate & Nozzles
- 1 Second stage Nozzle Point

"CLARKSON" Waste Heat Boilers

Spares

- Six Thimble Tubes
- 24 Gauge Glasses 16 $\frac{1}{2}$ " - 3/4"
- 48 Gauge Glass Rings
- 24 Asbestos Joint Rings
- Two Clacks for Feed Valves (tied on 1 valve)
- Two Safety Valve Springs (tied on S. valve)

Condenser Circulating Pump (Worthington Simpson)

Spares

- 1 Gunmetal Impeller
- 1 Mild Steel Shaft with sleeves
- 1 set rings and bushes
- 1 set bearings
- 1 set rubber pads

4" Centrex Bilge Pumps (Drysdale)

Pump Spares

- 1 Pump impeller
- 1 pump spindle
- 1 set bushes for pump
- 1 double thrust bearing
- 1 set brushes for motor
- 1 " motor bearings
- 1 line of brush holders
- 1 set of float gear spares with float
- 1 set of air pump discharge valves and springs complete
- 1 set air pump piston rings.

Sharples Oil Purifier

Spares

- Spindle and screws 3
- Male and female Clutches..... 3
- Drag Bushings..... 36
- Driving Bolts (Type BR)..... 12
- Bowl Boss Sleeves..... 9
- Bowl Bottom Gaskets (thick)..... 9
- Bowl Bottom Gaskets (thin)..... 18
- Rubber Couplings..... 18
- Drag Springs..... 3

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W46-0022(213)

ss made at

Glasgow.

By whom made

R. E. D. GRUBB & CO. LONDON

Engine No. 21

Boilers made at

By whom made

Balcan & Wilson

Boiler No. 6/1

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Rubber Pulley Gaskets.....	18
Bearing Races for No. 2 Bearing.....	6
Bearing Races for Idler.....	2
Male & Female Drag Ferrules.....	3
Sets of Motor Brushes (4 per set)...	3
Sets of Motor bearings (2 per set)...	1
Bowl Top Protecting Caps.....	2
Pulley Cap Assembly.....	1

Feed Water Filter (Hocking)

- 1 complete all brass spare filtering cartridge (full set) packed ready for use.

Propellers

- 2 spare propeller blades (bronze)
- 1 " boss (Cast iron)

Fresh Water Pump (Drysdale)

Pump Spares

- 1 Pump Impeller
- 1 " Spindle
- 1 set Bushes for Pumps
- 1 Double Thrust Bearing
- 1 set Brushes for Motor
- 1 " Motor Bearings
- 1 Line Brush Holders
- 1 Set Float Gear Spares with float
- 1 " Air Pump discharge valves and springs complete.
- 1 set Air Pump Piston Rings.

Drinking Water Pump (Worthington)

Pump Spares

- 2 Gunmetal Impellers
- 1 High tensile steel shaft
- 1 set renewable rings
- 1 " bearing bushes
- 1 " shaft distance pieces and inner bush
- 1 " coupling pads.



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welded or riveted longitudinal joint, plain or. Material S. M. Steel. Range of tensile strength 36-44 kg. Working