

W
WASC 199

JAN 1964

"LIST OF ARTICLES IN
SUPERINTENDENT CASE"
/1 MANUSCRIPT LOOSE
LEAF BOOK. /2 SUPP. LIST
DATED 1. 1964 ORIG. PLUS
PHOTOCOPY.

199/1.

MASC. 117

List of
Articles in
Superintendent's
Case -

The Articles marked with red ink have been placed
In the Captboard.

Museum

List of Articles in this Captboard

1. Iron Nut $1\frac{1}{2}$ " Square by $\frac{1}{2}$ " thick. Found
in the Charcoal Mill while grinding dogwood.
By it 3 Cogs were broken out of the Pd
wheel.

23rd April 1857

2. Piece of Buck Wood $5\frac{1}{2}$ " long $2\frac{1}{2}$ " Wide
 $\frac{1}{8}$ " thick. Found on the screens of
N^o 2 Granulating Machine after passing
the top pair of rollers.

7th October 1859

3. Stone $4\frac{1}{4}$ " by $3\frac{1}{4}$ " thick. Found on
top plates while loading N^o 1 Press.

20th February 1860

4. Stone $\frac{3}{8}$ " Square. Found in Press Cake
at N^o 1 Press when unloading

March 1860

5. Stone Fragments. Found on bed of Steam
Mill D when vertical shaft broke

17th July 1860

6. Iron Key of a Captboard. Found in
the Chucks from the granulating machine
N^o 1 while making Snfield Rifle Powder

18th June 1861

Knife Blades &c. Found in Charcoal
Mill while grinding

20th Sept 1861

Museum

List of Articles in the Cupboard (Cont^d)

8. ✓ Iron Bolt $1\frac{3}{4}$ " at head $4\frac{1}{2}$ " long. Found on the South End of No 11 Mill L.S. the runners had passed over it

7th Nov^r 1861

9. X ✓ Copper Nobs Cover of Lubricator $2\frac{1}{4}$ " diameter. Taken from No 1 Granulating Machine after having passed through the top pair of rollers.

January 1864

10. ✓ ✓ Pieces of Iron $3\frac{1}{8}$ " by $1\frac{1}{4}$ " $\frac{1}{8}$ " thick. Found in the Press Plates of No 2 Press while loading the Press.

8th August 1864

11. ✓ ✓ Copper Bolt $1\frac{1}{4}$ " diam at head $3\frac{1}{2}$ " long. Found on the bed at the North End of No 14 Mill. It had been brought there in a dust charge, as the washer and part of the Nut were found in the Granulating Machine next day

12th May 1865

12. ✓ ✓ Copper Bolt $\frac{1}{8}$ " at head $2\frac{1}{2}$ " long. Found under the Curbs of No 6 Mill. This bolt belonged to a peel at No 1 Dusting House, and was sent from there in a dust charge. Caused the explosion of North End of the mill and also the North End of No 3 Mill, on the opposite side of Mill Head; both Mills on dust charges of R.L.S.

13th June 1866

Museum

List of Articles in this Cupboard (Cont'd)

✓✓
13. ✓ Copper Bolt to fasten screens to frame 1 1/2"
long 2 1/4" long. Shaken out of the Lower
Screens of No 2 Granulating Machine having
been taken up with the Chucks and passed
all through the Machine

13th Dec^r 1866

✓✓
14. ✓ Piece of Iron 2 1/4" long 5/8" diam. Found
in a bundle of Dogwood at the Cylinder
House.

19th May 1868

✓✓
15. ✓ Pieces of Iron from 5" to 3" long 1/2" diam.
Found while picking Dogwood Charcoal
at different times

15th Dec^r 1868

16. ✓ Brit. Found in New Magazine, having
fallen from joints of Brickwork.

16th July 1869

✓✓
17. ✓ Copper Bolt to fasten Plough 3" long.
Found on the bed of No 12 Mill, North
End, while the Millman was uncharging
the runners having passed over it several
times without causing exception.

31st Aug^t 1869

✓✓
18. ✓ Steel Needle. Found in L.G. Powder
received from Upnor while examining
at Purfleet.

22nd Nov^r 1869

List of Articles in this Cupboard (Cont^d)

19. ✓
An Iron pivot head. Found in Charcoal
mill while grinding Common Charcoal
13th April 1840.

20. ✓
An Iron pivot head. Found while picking
Charcoal.
April 1840

21. X
Small pieces of Iron. Found in Cotton
waste supplied for cleaning Machinery
in Powder & other houses.
September 1840

22. X ✓
Small pieces of Iron & Iron wire. Found
in Cotton waste supplied for cleaning
Machinery in Powder & other houses
October 1840

23. ✓
Bullets & Caps. Found in R.F.G.
Powder sent from Furpat for Redusting
March 1841

24. X ✓
Copper Lock. Found in a barrel of
blank R.F.G. Powder while being sifted
in R.L. Woolwich.
15th Aug^r 1841

25. ✓
Copper Nails & piece of Copper hoop.
Found in a Barrel of returned service
L.G. Powder sent to Woolwich for
S. A. Ammunition.

1841

List of Articles in this Cupboard (Cont^a)

✓^N 26. Clay Pipe. Found while picking bogwood
Charcoal. It had been enclosed in a
bundle of bogwood and was burnt with it.
5th July 1872

✓^N 27. Small Stones. Found at Woolwich in a
barrel of Powder marked { Powder L.G.
100 }
Redusted July 1872 }
13th Aug^t 1872

✓ 28. Copper Nail 2" long. Found in a piece
of Picric Acid Cake on breaking it up
for granulating.
19th Dec^r 1872

✓ 29. Stones. Found at No 1 Busting House
while sifting L.G. Powder for redusting
20th Dec^r 1872

✓ 30. do do do do
24th Dec^r 1872

31. Copper Nail & Caked Powder. Found at
Royal Laboratory in a barrel of L.G.
Powder marked from examination 1872
February 1873

✓ 32. Bullets, Cartridges, Caps &c. Found
in Powder received from Purcell
for redusting.
February 1873

Museum

List of articles in this ~~Collection~~ (Cont^d)

33. ✓ Bullets. Found in F.G. Powder received
 ✓ from Purfleet for Reducting.
February 1873.

34. ✓ Iron Bolt $4\frac{3}{4}$ long $\frac{1}{2}$ " diam. Found
 in a barrel of R.L.G. Powder by
 ✓ Capt. Majendie R.A.

34a ✓

35. ✓ Refuse, Nail &c. Found in Powder
 ✓ at Purfleet returned for examination

36. ✓ Copper Nail, 3 drms measure, Iron, Stones &c
 ✓ Found in Powder sent to Waltham Abbey
 for Reducting.

37. ✓ Pieces of Iron. Found while grinding
 Churns.

✓ Copper

38. ✓ Bolt $3\frac{1}{2}$ " long 1" diam of head. From
 the outside plough of N^o 6 mill. Found
 in the bed after causing the explosion
 of South end of mill
25th July 1873

39. ✓ Found in a barrel of R.L.G. received
 at Waltham Abbey from Purfleet for Reducting
9th April 1875.

40. ✓ Found while sifting sized Pebbles
 at No 2 Ducting House
2nd Decr 1875

List of Articles in Museum - Cont^d

- 41 Pin, found in a barrel of RTG
Blank. Kornel powder 1875
25th Aug 1876
- 42 ✓ Grit, found in L.G. received for
Reducting 4th Sept 1877
- " Large Copper nail, found in
L.G. received for Rewor King
X 27th Aug 77
- " Small copper nail, found in L.G.
received for Rewor King
21st Sept '77
- 43 ✓ Match; found in Press Case
by Alfred Curkis while passing
through Granulating Machine
8th Aug 78
- 44 ✓ Spud " This Spud having been left
by an oversight on No 13 Mill bed, the
mummers were started, they ran for 2 1/2
hours on a green dogwood charge
before it was discovered that the Spud
was on the bed. ^{whenever} no damage was done.
" Thos Carter, Millman, in charge.
" 1 Dec 1877"
- 45 ✓ Lubricator " This Lubricator was left
on the plough of the Mill (No 19 group 2)
by Chas Shallen the Mill was started
the Can was knocked off & smashed
apiece " 2 Aug '76"

List of Articles in Museum (Contd)

46 Bullets &c found in R.F.G. received
at Waltham Abbey for
Resisting 1 March 1873

"P" Press Cake with Stone in it. Found at No 2

47 Granulating House while cutting
"Chucks"

16th Feb 1875

48^x Found at Woolwich (in barrel n^o 94 Ser 1558) 17.9.59.

49[✓] Found in L.G. Powder from Cape Coast Castle rec^d as
Purfleet 13.4.76.

50[✓] Found at No 2 granulating House while cutting
Chucks 16.2.75.

51[✓] Match found in Press cake by A. Curtis while pass-
ing through granulating machine 8.8.78.

52^x Found in L.G. Powder from Cape Coast Castle, examined
at Purfleet 13.4.76.

53^x Nail found in R.I.G. Powder (Curtis & Harney's) 3.8.87

54^x Undetonated Percussion Cap found in a barrel of R.I.G.
Powder (Pyeon & Miles') sent for re-dusting, see Ser ²³/₇₆

55^x Found in a barrel of R.I.G. Powder received from
Purfleet for re-dusting. 9.7.73.

56^x Found in Guncotton returned to W.A. for re-working.

57^x Two bullets & two Copper Nails found in a barrel
of F.G. at Malta 30.8.78

58^x Sifted at Purfleet from one barrel F.G. returned
from Canada February 71

59. Lucifer Match (unexploded) found outside
proof House Decr. 1882.
and in Shifting Room 1.1.83
60. Pellet formed in one of the moulds in Greenwood
& Batley No 2 machine during a preliminary
trial at Leeds 30.4.90.
From an oversight the mould was overcharged
the machine was jammed and brought up
Weight of Pellet 87 $\frac{1}{2}$ grains
61. Accident which happened to No 2 Cam Machine
at 10.30 p.m. 6.5.89
62. Found in P.A Cordite sent from R.P for rework
22.2.92
63. Screw found in a charge of Cordite after it had
been incorporated
October 1893
64. Portion of Mill Plough containing a lead
bullet embodied in the Hise.
October 1893
65. Stone found on Sieve at Mixing House when
sifting a green charge of 60 lb P.B.C
21.12.93
66. Wax Match found in Yard near Acid Store
Tanks Guncotton Works.
2.1.94
67. 4" Iron Nail found on Sieve in Drum House
about 2.30 a.m. 16.2.94

8
68. Iron punch found under leather in Pump Room

22. 2. 94

69. Sample of Mill Cake impregnated with glass
Found on Mill bed No 8 Mill Group A.

5. 4. 94

x 70. Plough pin of which the smaller piece was found
to be missing 21. 4. 94 & was discovered in the Clueth
R. S. G. at No 1 Granulating House 27. 4. 94

x 71. Small piece of metal embodied in a function
Slab at R. Laboratory whilst cutting up G. G. Slabs
with band saw.

22. 6. 94

72. E. X. E. Prisms from the Cam Machine in which
the pins jammed.

73. E. X. E. Prisms pressed with a Copper barrel screw
in it at No 1 Cam.

12. 4. 94

x 74. Lead Seals and String cement for Steam pipes
found 19. 6. 94 in Shell P received from
Purfleet for Conversion to L. G. Blank R.

75. 2 grains of B. with Copper nail imbedded
found at Blackness Castle Sep 194. Oct. 8.

76 Brass Screw found in 90% Primer of G. while
being mixed with Nitroglycerine 1. 3. 95

44^x Stone found in ^{G/P} Blending House 13.12.94

78^x Glass found in a barrel of EC E grain at
No 4 Moulding House 24.1.95

79^v Nut found in Hopper under P. Finishing Reel at No 1 Blending Ho
after filling Reel with P. for repair 8.8.95

79^A Nail found in box of Guncotton in No 1 Mixing House 30.12.95 -

80. Lid of Copper canister found 19th February 1896 in a
Barrel of P² gun powder received from Purfleet 10th
December 1895, for Repair -

80^A - Stone found in Mixing Box in No 2 M. House 10/9/95 when break^g up of previous to adding No 1

80^B - Stone found on sieve of "Green" Picric charge.
81. Piece of Iron nail found when mixing Picric Powder 27.10.97

82. Case screw found whilst loading Press Box, with re-work L.G. 30/4/98 }
at No 2 Press House. }

83. Case screw found 8.12.98 at No 3 Granulating House amongst re-work for L.G. Blank

84. Part of Window catch (Iron Pin) found in R.L.G⁴ Chucks after passing thro No 2 Granulating
machine.

85. Phosphor Bronze Knife (and pieces) found in Cordite Incorporating Machine 15/1/100

86. Part of Bradawl found in sieve No 1 Mixing House 21.3.1900

87. { Piece of Iron found in Incorporated material from No 1. Charge 9539. - G.L. Storing 125. }
{ when material was being placed in Pressing Cylinder Group C. 12.9.00 } -

88. Piece of a chain found in centre of a G.C. Primer (Storing 135) when mixing }
with No 1. 26.9.00 - }

89. Bolt found in primer of Guncotton in Mixing House No 3 on 9.11.1900.

90. Broken bolt from scraper attachment of No 10 Mill.
See Accident Report of 22.2.01

91. Iron nail found embedded in Trade Refined Sulphur. 2.4.01

92. Metal nut found in a dust charge of R.F.G.² 4.4.01
which was being worked at No 3 Mill. The runners
had passed over it. (See report dated 9.4.01)

93 Detonator found amongst heap of coals at
Edmondsey Boiler House. 18.6.01.

94 - 8 percussion caps found by a workman on
Mer Sp. Chapman's acid barge "Felix" - at
Edmondsey 18.6.01. See letter to Sp. Ch. 17005.20.6.01
78

95 Primer found in a G.P. Waterproof Bag returned
to R.G.P.F. 15.11.1901

96 Copper Ticker found in a charge of P² + Prism¹ Brown
for reworking to L.G. Blank. 5.6.1902.

97. Brass packing needle found in size 20 Cordite cuttings
received from N.O.O. 15.5.02. - (see letter to N.O.O. 13.6.02)

98 $\frac{3}{8}$ iron nut found when picking over semi-incorporated Mark I
heels and waste removed from medium sized incorporating
machine - Group F. Bay 1. after the explosion of 15.12.02

99. Brass wire found when unloading Mark I dough from small
incorporating machine in Group F. Bay 5. on 23.12.02

100. Piece of steel found when unloading Mark I heels + waste from
large incorporating machine in Group F Bay 6. on 1.1.03.

101. Piece of wood found in Juncotton Primer. Storing 966.
31.1.1903

102. Metal nut found in broken Juncotton received from Woolwich
for reworking 9.1.03. (see Cover in Dkt. 100. paper 213227)



103 ✓ - Iron ring found in bottom of G.C. Primer whilst unloading No. 1 G.C. Store, Edmondsey, on 13. 5. 03

104 ✓ - Portions of metal ferrules found in No. 3 Granulating Machine 18. 9. 03 - B. 23591

105 2 Stones found at Group C. Small stone found on gauge from No. 0 Small Press. Large Stone found on "Steel" from No. 7 S. Press 5. 2. 04.

106 Iron Key found in "Steel" from Press No. 5, at No. 2 Sorting House. 28. 7. 04

107 Bullet found on path in front of S.W. corner of Traverse of No. 39 Tray Store, Cob. Mead. 29. 4. 05

108 Iron washers and foreign matter found in boxes of broken G.C. received from Woolwich 11 and 12. 4. 05
B 70176 - 70276 $\frac{6643 + 4}{77}$

109 Foreign substances found in broken gunbottom received from Woolwich 11. 4. 05 B 71881 $\frac{6781}{77}$

110 Foreign substances found in a barrel of P gunpowder [at No. 3 Press No.] received from Purfleet for conversion 23. 9. 05 $\frac{8021}{0.5. 52.}$

111 Part of Split-pin of scraper arm

of No: 10 Mill, found in the chuck
box in the granulating House 2. 10. 05

112 Piece of Aluminium wire found at
Group H in M.D. dough [G.C. Storing 894^B
N.G. Charge 489L] which had been incorporated
in a 150 lb machine at Bay 5 Group D
18. 10. 05

113 Bullet found close to dry G.C. Magazine
Quinton Hill, 14. 9. 06 6724/2

114 Piece of metal from plug of No: 1
Pocher, found on the hopper of
No: 49 Moulding Machine 24. 10. 06 11156/77.

115 Iron nail found embedded in a
cordite "Steel" in Bay 5, Group H
26. 10. 06. 11139/65.

116 Copper needle found when emptying
a bag of cordite M.D. "Dough" into
the leather filling box, at Bay 6,
Group H [needle was rec^d with cuttings
from R.L. & escaped the notice of the
sorter when picking over the cuttings
for reworking.] 11. 3. 07 $\frac{12234}{55}$

117 Metal of a percussion cap found
in broken G/C received from Woolwich
21. 3. 07 $\frac{12279}{77}$

118 Steel screw found when unloading

charge of Cordite M.D. dough (from "skels" for staining at Press No.) from Small Incorporating Machine, Bay 5, Group G. 18. 7. 07

119 Brass screw found in bag of Cordite dough at Press No. J. The dough was made from "waste" which had been picked over by Lampkin F at Sorting House. 11. 9. 07 Paper with DBO.

120 Sleeve of die holder broken by ignition of Cordite M.D. in Hydraulic Press Bay 1, Group H. 2. 12. 07 14280/1.

121 Brass Screw found embedded in slab of G/C when sawing it up at R.L.
10. 10. 08 $\frac{16280}{77}$

122 Pieces of iron and zinc found in Cordite M.D. heels at Group H and No. 1 Sorting House 9. 12. 10

123 Die plug for size 5-2 Cordite M.D.T. [Weak design and bad material] 1910

124 Loke found in Cordite on underside of perforated plate, causing ignition, when about to press Size 16 M.D. Cordite on No. 8 Hydraulic Press, in Bay 2, Group H, at 7. 25 p.m. on 8. 3. 11.
[Weight 850 mgms 13.1 grains]

125 Screw found in block of gun-cotton

at N/G Factory Edmondsey, 10.6.12. 5045

- 126 Match found in cotton waste received from Messers Spencer Curedale Con: 865
9. 11. 12. 6166/1
- 127 Match found in cotton waste received from Messers Spencer Curedale Con 874
17. 12. 12. 6166/2
- 128 Woodbine Cigarette found in Cotton Waste received from Messers Spencer Curedale Con 879
18. 1. 13. 6166/3
- 129 Nail found on G/C. Moulding machine hopper 17. 1. 13. 8162
- 130 Live percussion cap found adhering to a Cordite case received from R.L.
6. 2. 13. 8178
- 131 Match found in Cotton Waste received from Spencer Curedale - Con: 897.
7. 4. 13. 6166
- 132 Small snails found in bag of Cordite M.D. Heels and Waste 23. 4. 13.
- 133 Brass screw left in the Cordite M.D. jammed between the blades and trough of No 72 Small Incorporating Machine, Bay 6 Group D 25. 4. 13




- 134 Box of matches found in Con. No. 368
nitrate of Soda received from Messers
Montgomery and Co per. barge "Broxbourne"
- 135 Iron washer found on hopper of
G.C. Moulding machine 23. 12. 13. 12781.
- 136 Wood and iron found in Cordite
Heels 23. 1. 14. 13479
- 137 Match found in Cotton Waste
received from Greenfield Mill Co.
Con 966 9. 6. 14. 14174
- 138 Piece of Mal de Travers found in
NO. 1. Beater G.C. Factory 11. 30 p.m.
3. 4. 14.
- 139 Match found in Cotton Waste
received from Greenfield Mill Co.
Con 965. August 1914 14174/2
- 140 Match found in Cotton Waste
received from Dyson Con. 993.
Sept 1914 15398/1.
- 141 Match found in Cotton Waste
received from Greenfield Mill Co.
Con 1005 17. 9. 14. 16313/3
- 142 Match found in Cotton Waste
received from Dyson Con 990
18. 9. 14. 15398/2.
- 143 Match found in Cotton Waste
received from D. Halstead. Con 1100
Feb. 1915 18, 731

- 144 Match found in Cotton Waste
supplied by J. E. Clarke Con. 1105
Feb. 1915 16311/2
- 145 Match found in Cotton Waste
supplied by D. Halstead Con 1127
March 1915 18731
- 146 Match found in Cotton Waste
supplied by Greenfield Mill Co.
Con 1114 March 1915 16313
- 147 Match found in Cotton Waste
supplied by J. E. Clarke Con 1124
March 1915 16311
- 148 Match found in Cotton Waste
supplied by Dyson and Son Con 1110
April 1915 18063
- 149 Match found in Cotton Waste
supplied by J. E. Clarke Con 1020
April 1915 16311
- 150 Match found in Cotton Waste
supplied by Dyson & Son Con 1189
April 1915 18063
- 151 Match found in Cotton Waste
supplied by J. Leigh Son Con 1175
April 1915 19457.
- 152 Match found in Cotton Waste
supplied by Greenfield Mill Co
Con 1089 April 1915 16313



- 153 Match found in Cotton Waste
supplied by J. W. Mitchell Ltd.
Con. 2058 April 1915 21801
- 154 Matches found in Cotton Waste
supplied by J. G. Clarke Ltd.
Con. 2073 & 2084 Sept. 1915 18006
- 155 Matches found in Cotton Waste
supplied by J. W. Mitchell Con. 2102 & 2127
Oct. and Nov. 1915 21801
- 156 Match found in Cotton Waste
supplied by Greenfield Mill Co.
Con 1153 also Tobacco found in
Con 2001 Nov. 1915 16313
- 157 Tobacco found in piping of mantlet
door no 3 Press House Bay 4.
10. 1. 16.
- 158 Match found by K. L. in
barrell No. 90, K. S. G. 2. Brand
W.D. 1344 Feb. 1916 33290
- 159 Cordite Concentric Cut. 95 / C / 163
- 160 Cordite Spiral
- 161 Cordite Seaweed
- 162 Cordite Concentric
- 163 Nail found fixed between diagonal
teeth of cone in No 1 Charcoal Mill
causing slight ignition on 25. 11. 16.



164 Match found by Constable Kaye (W.P.)
near bridge by Sewage Farm,
Cordite Lower on 30. 10. 17.

165 Gunpowder L.G.

166 Gunpowder R.L.G

167 Gunpowder R.F.G.

168 Gunpowder R.L.G⁺

169 Tinder Box, Flint, Stricker and
Sulphur matches, formerly used for
procuring a light at Sulphur refinery.

170 Coin found in factory grounds
James II 1685 - 1688

171 Candle snuffer

172 Miscellaneous ancient keys

173 Large and small size grip found
in Lion of G.C. Feb. 1909

174 Coke found in Cordite on
underside of perforated plate causing
ignition 7.15 p.m. 8. 3. 11

175 Support wire gauze from Group M.
Bay 7 when fire occurred on
Sat. 22. 8. 14.



- 176 Rubber covered gauzes
- 177 Size 18 Die from screw press
- 178 Impurities in Cordite M.D. manufacture
in 1904 from 10 muslins.
- 179 Sample of debris from ventilations
Terozepore Arsenal 29. 10. 1906.
- 180 Piece of incorporating machine
exploded 15. 12. 02.
- 181 Pieces of shell found under
slates of No 3 Dusting House which
they had pierced Feb. 1922.
- 182 Grease nipple found in C.E.
Corning granulator.
- 183 Watch found in incorporating
machine.
- 184 2 Pieces of dog-wood.
- 185 Mould from Gun Powder Prism
pelleting machine
- 186
- | | | | |
|-----------|-----------|--------|--------|
| Gunpowder | Prisms | Brown | 1 |
| Gunpowder | Prisms | Brown | S.P.C. |
| Gunpowder | Prisms | Brown | P. 2 |
| Graphited | Gunpowder | Prisms | |
- 187 Filter Plate from early Cordite
Press



- 188 Filter Plate from modern Cordite Press
- 189 Miscellaneous D.B. Keys
- 190 Shattered Brass Coupling
- 191 17 Samples of Fabric. See report on "Cordite stored in India on board H.M. Ships" by Lt. Col. Sir F.L. Nathan R.A. and Dr. Robertson M.A.; Feb. 1907.
- 192 6 Samples of Cotton Waste in connection with W. 814/43.
- 193 Sample of Cordite Manufactured at Caerwent.



199/2.

SUPPLEMENTARY LIST (ITEMS XI-X12)
OF "ARTICLES IN SUPERINTENDENT'S CASE"

The following articles were among those returned from Bishopston but could not easily and certainly be identified with any of those listed. They are therefore listed here. The numbers XI-X12 were assigned for the purposes of this list. The WASC numbers were given separately to place them in the current E.R.D.E. historical collection. Jan. 1964.

WASC 262 Ca. 1890?

(X1) Brass holder on stand. Apparently to hold a lighted taper or similar. $4\frac{1}{2}$ " high mounted on circular ornamental base, diam $3\frac{1}{4}$ ", with carrying handle.

WASC 263 Ca. 1880?

(X2) Two roughly shaped cubes, approx $1\frac{1}{2}$ ". Apparently made of plaster and coated with graphite. Models of explosive?

WASC 264 1908

(X3) Printed label "... 10 Igniters, Torpedo, R.G.F., Mark I ... Manufactured by R.G.F. 10/12/08". Printed in red. Mounted on metal plate $3\frac{1}{2} \times 7\frac{3}{4}$ ".

WASC 265 Ca. 1920?

(X4) Perforated brass disc $3\frac{1}{2}$ " diam.

WASC 266 1945

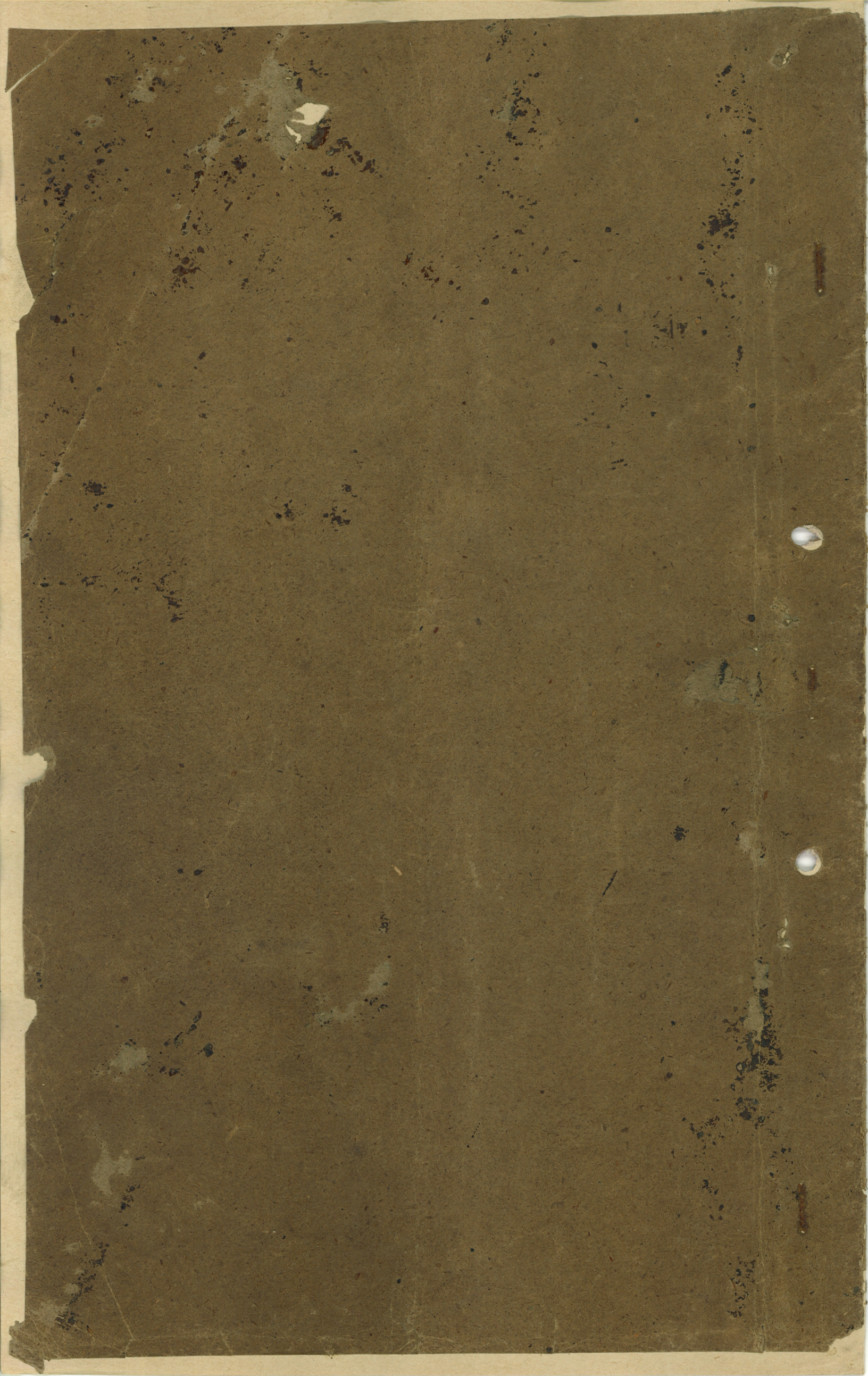
(X5) Piece of German explosive? With German printed label with date 18.1.1945.

WASC 267 Ca. 1920?

(X6) Circular steel plate $7\frac{1}{2}$ " diam., $\frac{7}{8}$ " thick, with approx. 200 circular holes $\frac{3}{16}$ " diam.



- WASC 268 Ca. 1900?
(x7) Circular wire mesh sieve, $7\frac{1}{4}$ " diam.
- WASC 269 Ca. 1900?
(x8) Circular wire mesh sieve, fine mesh, $7\frac{1}{4}$ " diam., with raised metal sides.
- WASC 270 Ca. 1850?
(x9) "Receptacle for holding sulphur matches which, having been lighted with flint and tinder, were used to light the fires in the Brimstone Refinery"
Open lead box $2\frac{1}{4} \times 4\frac{1}{2} \times 3\frac{1}{4}$ " with raised triangular back pierced for wall fixing. The letters BRIM REFY stamped twice. Contents: 17 matches (stout wooden spills 4" long dipped at both ends) and a manuscript label with description quoted above.
- WASC 271 Ca. 1945?
(x10) Propellant charge? Non-metallic cylindrical object, diam $1\frac{1}{4}$ ", length 3", with longitudinal holes to give "cartwheel shape" cross section.
- WASC 272 Ca. 1900?
(x11) Heavy brass object shaped like a cullender. Diam. $6\frac{1}{2}$ " with about 100 holes.
- WASC 273 Ca. 1920?
(x12) Threaded brass cylinder housing six dies to extrude tubular forms approx. $\frac{3}{16}$ " diam. Diam. 3", length 2" plus hexagonal head.





WASC

199/1-2

WASC

199/1-2

A complete photocopy of: -

"LIST OF ARTICLES IN SUPERINTENDENT'S CASE"⁹⁹

(WASC 199)

and Supplementary List... (at end)

The articles listed formed a museum of sorts which was kept in the Superintendent's Office (in John Walton's House) until ca. 1945 when the list and collection were taken to Rof Bishopton. They were later returned to ERDE, Waltham Abbey, and in December 1963 handed to the Librarian. Many items were missing: others were discarded as having ceased to have any interest. Those that remained were incorporated in the current ERDE ("WASC") historical collection.

This photocopy of the original list is marked to show which items were incorporated in the WASC collection WASC... by each item.

The original of this list (WASC 199) is in poor condition and should not be used without good reason.

JR Seymour.
31. 1. '64.

The articles marked with red ink, have been placed
in the Capt's cupboard.

Museum

List of Articles in this Cupboard

1. ✓
✓ Iron Nut $1\frac{1}{2}$ " square by $\frac{1}{2}$ " thick. Found
in the Charcoal mill while grinding dogwood.
By it 3 Cogs were broken out of the Pit
wheel.

23rd April 1857

WASC 201

2. ✓
✓ Piece of Beech Wood $5\frac{1}{2}$ " long, $2\frac{1}{2}$ " wide
 $\frac{1}{8}$ " thick. Found on the screws of
N^o 2 Granulating Machine after passing
the top pair of rollers.

7th October 1859

3. ✓
✓ Stone $1\frac{1}{4}$ " by $1\frac{3}{4}$ " thick. Found on
top plates while loading N^o 1 Press.

29th February 1860

4. ✓
✓ Stone $\frac{3}{8}$ " square. Found in Press Cake
at N^o 1 Press when unloading

March 1860

5. ✓
✓ Stone Fragments. Found on bed of Steam
Mill D when vertical shaft broke

17th July 1860

6. ✓
✓ Iron Key of a cupboard. Found in
the Chucks from the granulating Machine
N^o 1 while making Rufield Rifle Powder

18th June 1861

7. ✓
✓ Knife Blades &c. Found in Charcoal
Mill while grinding

20th SEPT 1861

Museum
List of Articles in this Cupboard (Contd.)

7 ✓ 8. ✓ Iron Bolt $1\frac{3}{4}$ " at head $4\frac{1}{2}$ " long. Found on the South End of N^o 11 Mill B.S. the runners had passed over it
7th Nov^r 1861

9. X ✓ Copper Nobs Cover of Lubricator $2\frac{1}{4}$ " diameter. Taken from No 1 Granulating Machine after having passed through the top pair of rollers.
January 1864

M ✓ 10. ✓ Pieces of Iron $3\frac{1}{8}$ " by $1\frac{1}{4}$ " $\frac{1}{8}$ " thick. Found in the Press Plates of No 2 Press while loading the Press.
8th August 1864

M ✓ 11. ✓ Copper Bolt $1\frac{1}{4}$ " diam at head $3\frac{1}{2}$ " long. Found on the bed at the North End of N^o 14 Mill. It had been brought there in a dust charge, as the Washer and part of the Nut were found in the Granulating Machine next day
12th May 1865

12. ✓ Copper Bolt $\frac{1}{8}$ " at head $2\frac{1}{2}$ " long. Found under the Curbs of N^o 6 Mill. This bolt belonged to a peel at N^o 1 Dusting House, and was sent from there in a dust charge. Caused the explosion of North End of the Mill and also the North End of N^o 3 Mill, on the opposite side of Mill Head; both Mills on dust charges of B.S.S.
13th June 1866

Part of Article in the ~~English~~ (Contd.)

Copied part to make return to frame 12"
top 2 1/4" long. Diagonal part of the lower
+ reverse of the granulating machine having
been taken up with the sheets and passed
all through the machine

13th Sept 1866

found
piece of iron 2 1/4" long 5/8" diam.
in a bundle of bearings at the cylinder
Dinner.

19th Nov 1868

pieces of iron from 5" to 3" long 1/2" diam
found with perfect bearings
at different times

15th Dec 1868

16th Dec. found in New Bedford, having
fallen from joints of American M.
16th July 1869

Copied part to make return to frame 3" long
found on the bed of a 12 inch, North
bed, while the mill was in operation
The American having been next to
two different bearings

31st Aug 1870

that little found in St. Peter
New from report this morning
at Newport

22nd Nov 1870

M 18.

M 14.

M 16.

M 16.

M 14

M 13

WASC 203

List of Articles in the Cupboard (Cont^d)

M 19. ^N An Iron pest head. Found in Charcoal mill while grinding Common Charcoal
13th April 1840.

M 20. ^V An Iron pest head. Found while picking Charcoal.
April 1840

M 21. ^X Small pieces of Iron. Found in Cotton waste supplied for cleaning Machinery in Powder & other houses.
September 1840

22. ^X Small pieces of Iron & Iron wire. Found in Cotton waste supplied for cleaning Machinery in Powder & other houses
October 1840

23. ^V Bullets & Caps. Found in R.F.G.
WASC 204 Powder sent from Dupret for Redusting
March 1841

M 24. ^X Copper Lark. Found in a barrel of blank R.F.G. Powder while being sifted in R.L. Woolwich.
15th Aug^r 1841

25. ^V Copper Nails & piece of Copper hoop. Found in a Barrel of returned service L.G. Powder sent to Woolwich for S. A. Ammunition.
WASC 205
1841

List of Articles in this Cupboard (Contⁿ)

N
26. Clay Pipe. Found while picking bogwood
Charcoal. It had been enclosed in a
bundle of bogwood and was burnt with it.
5th July 1872

WASC 206

M
27. Small Stones. Found at Woolwich in a
barrel of Powder marked $\left. \begin{array}{l} \text{Powder L G} \\ 100 \end{array} \right\}$
redusted July 1872
19th Aug^r 1872

28. Copper Nail 2" long. Found in a piece
of Picie Bull Case on breaking it up
for granulating.
19th Dec^r 1872

WASC 207

M
29. Stones. Found at No 1 Susting House
while sifting F.G. Powder for redusting.
20th Dec^r 1872

M
30. do do do do
24th Dec^r 1872

M
31. Copper Nail & Caked Powder. Found at
Royal Laboratory in a barrel of L.G.
Powder marked from examination 1872
February 1872

32. Bullets Cartridges Caps &c. Found
in Powder received from Purfleet
for redusting.
February 1872

WASC 208

33. ✓ Bullets. Found in R.L.G. Powder received from Purfleet for Redusting. February 1875.

34. ✓ Iron Bolt $4\frac{3}{4}$ long $\frac{1}{2}$ diam. Found in a barrel of R.L.G. Powder by Capt. Majendie R.A.

35. ✓ Refuse, Hair &c. Found in Powder at Purfleet returned for examination

36. ✓ Copper Chisel, 3 drams measure Iron, Stone &c. Found in Powder sent to Waltham Abbey for Redusting.

37. ✓ Pieces of Stone. Found while grinding Charcoal.

38. ✓ Copper Bolt $3\frac{1}{2}$ long, 1" diam of head. From the outside flange of No 6 mill. Found in the bed after causing the explosion of South end of mill. 25th July 1873

39. ✓ Found in a barrel of R.L.G. received at Waltham Abbey from Purfleet for Redusting. 9th April 1875.

40. ✓ Found while sifting Flyed Pebbles at No 2 Ducting House. 2nd Dec 1875

M

M

M

M

WASC 209

WASC 210

List of Articles in Museum - Cont^d

M 41 Pin, found in a barrel of R.F.G.
Blank. Kame's powder 1875
25th Aug 1876

M 42 ✓ Grip, found in L.G. received for
Redacting 4th Sept 1877

M " Large Copper nail, found in
L.G. received for Redacting
27th Aug 77

M " Small Copper nail found in L.G.
received for Redacting
21st Sept '77

43 ✓ Match, found in Press Lake
by Alfred Cowles while passing
through transmitting machinery
8th Aug 78

44 ✓ Spud " This Spud having been left
by an oversight on No 13 Mill bed the
WASC 212 runners were started, they ran for 3 1/2
hours on a green dogwood charge
before it was discovered that the Spud
was on the bed. No damage, ^{whenever} was done
Mr. Carter, Milman, in charge.
1 Dec 1877

45 ✓ Lubricator " This Lubricator was left
on the plough of the Mill (No 19 group)
WASC 213 by Chas. Glasse. The Mill was started
the Can was knocked off & smashed
pieces "
2 Aug 78

List of Articles in Museum (Contd)

M 46. Bullets &c found in R.I.G. received at Waltham Abbey for Remounting 1 March 1873

M 47. Iron spike with stone in it found at No 2 Granulating House while cutting "Chucks" 16th Feb 1875

48. Found at Motril (in barrel 2nd 94 Lot 1558) 17.9.59.

WASC 214 49. Found in L.G. powder from Cape Coast Castle rec^d at Purfleet 13.4.76.

WASC 215 50. Found at No 2 granulating House while cutting Chucks 16.2.75.

M 51. Match found in press cake by A. Curtis while passing through granulating Machine 8.8.78.

M 52. Found in L.G. powder from Cape Coast Castle, examined at Purfleet 13.4.76.

M 53. Nail found in R.I.G. powder (Curtis & Harney's) 3.8.87

WASC 216 54. Undetonated Percussion cap found in a barrel of R.I.G. powder (Pyon & Miller's) sent for re-dusting, vide dt^l 22/6

WASC 217 55. Found in a barrel of R.I.G. powder received from Purfleet for re-dusting 9.7.73.

56. Found in Guncotton returned to W.A. for re-working.

WASC 218 57. Two bullets & two Copper Nails found in a barrel of F.G. at Malta 30.8.78

58. Sifted at Purfleet from one barrel F.G. returned from Canada February 71

59. ^x Lucifer Match (unexploded) found outside
proof House Decr. 1882.
and in Shifting Room 1.1.83

~~60.~~ Pellet formed in one of the moulds in Greenwood
& Batley No 2 machine during a preliminary
trial at Leeds 30.4.90.
From an oversight the mould was overcharged
the machine was jammed and brought up
Weight of Pellet 87 1/2 grains

~~61.~~ Accident which happened to No 2 Cam machine
at 10.30 p.m. 6.5.89

M 62. Found in P.A Cordite sent from R.P. for powder
22.2.92

~~63.~~ Screw found in a charge of Cordite after it had
been incorporated

October 1893

~~64.~~ Portion of Mill Plough containing a lead
bullet embodied in the Hide.

October 1893

M 65 Stone found on Sieve at Mixing House when
sifting a green charge of 60 lb P.B.C.
21.12.93

M 66 Wax Match found in yard near Acid Store
tanks Guncotton Works.

2.1.94

M 67. 4" Iron Nail found on Sieve in Drum House
about 2.30 a.m.

16.2.94

68. Iron punch found under leather in Pump Room

WASC 221

22. 3. 94

69. Sample of Mill Cake impregnated with glass
Found on Mill bed No 8 Mill Group A.

5. 4. 94

M 70. Plough pin of which the smaller piece was found to be missing 21. 4. 94 & was discovered in the Chucks R. S. G. at No 1 Granulating House 27. 4. 94

M 71. Small piece of metal embodied in a funecotton slab at R Laboratory whilst cutting up G. S. Slabs with band saw. 22. 6. 94

72. E. X. E. Prisms from the Bam Machine in which the pins jammed.

73. E. X. E. Prisms pressed with a Copper barrel screw in it at No 1 Bam.

12. 4. 94

M 74. Lead Seals and String cement for Steam pipes found 19. 6. 94 in Shell P received from Purfleet for conversion to L. G. Blank R.

75. 2 grains of R with Copper Nail imbedded found at Blackness Castle Sept 194. Oct. 88.

76. Brass Screw found in 90% Primer of G. while being mixed with Nitro glycerine 1. 3. 96

M 44^x Stone found in ^{G/P} Blending House 13.12.94

M 78^x Glass found in a barrel of EC E grain at No 4 Moulding House 24.1.95

M 79^x Nut found in Hopper under P. Finishing Roll at No 1 Blending Ho after filling Roll with P. for repair 8.8.95

M 79^A Nail found in box of Gun cotton in No 1 Mixing House 30.12.95

WASC 222 80^x Lid of Copper canister found 19th February 1896 in a Barrel of P² gun powder received from Purfleet 10th December 1895, for Repair -

M 80^A Stone found in Mixing Bys in No 2 M. House 10/9/95 when break^g up of previous to adding N¹

M 81^x Piece of Iron nail found when mixing Picric Powder 27.10.97

M 82^x Case screw found whilst loading Press Box with re-work L.G. 30/4/98 } at No 2 Press House }

M 83^x Case screw found 8.12.98 at No 3 Granulating House amongst re-work for L.G. Blank

M 84^x Part of Window catch (Iron pin) found in R. L.G. Chucks after passing thro No 2 Granulating machine.

WASC 223 85^x Phosphor Bronze Knife (and pieces) found in Cordite Incorporating Machine 15/1/1900

WASC 224 86^x Part of Bradawl found in Sieve No 1 Mixing House 21.3.1900

M 87^x Piece of Iron found in Incorporated material from N¹ Charge 9539. - G.L. Storing 125. } when material was being placed in Pressing Cylinder Group C. 12.9.00 }

88^x Piece of a chain found in centre of a G.C. Primer (Storing 135) when mixing } with N¹. 26.9.00 - }

89^x Bolt found in primer of Gun cotton in Mixing House No 3 on 9.11.1900.

WASC 225 90^x Broken bolt from scraper attachment of No 10 Mill. See Accident Report of 22.2.01

WASC 226 91^x Iron nail found embedded in Trade Refined Sulphur 27-01

~~WASC 227~~ 92. Metal nut found in a dust charge of R.F.G.² 4.4.01 which was being worked at No 3 Mill. The runners had passed over it. (See report dated 9.4.01).

M 93 Detonator found amongst heap of coals at Edmondsey Boiler House. 18.6.01.

M 94 - 8 percussion caps found by a workman on New St. Chapman's acid barge "Felix" - at Edmondsey 18.6.01. See ltr to Sp. Ch. 17005.20.6.01
78

~~WASC 228~~ 95 Primer found in a G.P. Waterproof Bag returned to R.G.P.F. 15.11.1901

~~WASC 229~~ 96 Copper Tucker found in a charge of P² + Prim¹ Brown for reworking to L.G. Blank. 5.6.1902.

~~WASC 230~~ 97. Brass packing needle found in size 20 Cordite cuttings received from N.O.O. 15.5.02. (see ltr to N.O.O. 13.6.02)

~~WASC 231~~ 98 $\frac{3}{8}$ iron nut found when picking over semi-incorporated Mark I heels and waste removed from medium sized incorporating machine Group F. Bay 1. after the explosion of 15.12.02

M 99 Brass wire found when unloading Mark I dough from small incorporating machine in Group F. Bay 5. on 23.12.02

M 100. Piece of steel found when unloading Mark I heels + waste from large incorporating machine in Group F Bay 6. on 1.1.03.

M 101. Piece of wood found in Juncotton Primer. Storing 966.
31.1.1903

~~WASC 232~~ 102. Metal nut found in broken juncotton received from Woolwich for reworking 9.1.03. (see Cont. in Dkt 100. paper 213227)

M 103 ✓ Iron ring found in bottom of G.C. Primer whilst unloading No. 1 G.C. Store, Edmondsey, on 13.5.03

M 104 ✓ Portions of metal females found in No. 3 Granulating Machine 18.9.03 B 23591

M 105 2 Stones found at group C. Small stone found on gauge from No. 0 Small Press. Large Stone found on "Steel" from No. 7 S. Press 5.2.04.

M 106 Iron Key found in "Steel" from Press. Press No. 5, at No. 2 Sorting House. 28.7.04

107
~~WASC 233~~ Bullet found on path in front of S.W. corner of Traverse of No. 39 Lead Store, Cob. Mead. 29.4.05

M 108 Iron washers and foreign matter found in boxes of broken G.C. received from Woolwich 11.12.05
B 70176 - 70276 $\frac{6643+4}{77}$

109
~~WASC 234~~ Foreign substances found in broken gunbottom received from Woolwich 11.4.05 B 71881 $\frac{6481}{77}$

M 110 Foreign substances found in a barrel of P gunpowder [at No. 3 Press No.] received from Purfect for conversion 23.9.05 $\frac{8021}{05, 52}$

M 111 Part of split-pin of scraper arm

of No. 10 Mill, found in the chucks
box in the Granulating House 2. 10. 05

M 112 Piece of Aluminium wire found at
Group H in M.D. dough [G.C. Storing 894^B
NG. Charge 489L] which had been incorporated
in a 150 lb machine at Bay 5 Group D
18. 10. 05

113
~~WASC 235~~ Bullet found close to dry G.C. Magazine
Gunton Hill, 14. 9. 06 6724/2

114 Piece of metal from plug of No. 1
Roacher, found on the hopper of
No. 44 Moulding Machine 24. 10. 06 11156/YY.

M 115 Iron nail found embedded in a
cordite "Steel" in Bay 5, Group H
26. 10. 06. 11139/65.

116
~~WASC 236~~ Copper needle found when emptying
a bag of cordite M.D. "Dough" into
the leather filling box, at Bay 6,
Group H [needle was rec^d with cuttings
from R.L. & escaped the notice of the
porter when picking over the cuttings
for reworking.] 11. 3. 07 $\frac{12234}{55}$

M 117 Metal of a percussion cap found
in broken G.C. received from Woolwich
21. 3. 07 $\frac{12279}{47}$

M 118 Steel screw found when unloading

charge of Cordite M.D. dough (from "shells" for staining at Press No. 1) from Small Incorporating Machine, Bay 5, Group G. 18. 7. 07

M 119 Brass screw found in bag of Cordite dough at Press No. 7. The dough was made from "waste" which had been picked over by Sampson F at Sorting House. 11. 9. 07 Paper with DBO.

120 Sleeve of die holder broken by ~~WASC 237~~ ignition of Cordite M.D. in Hydraulic Press Bay 1, Group H. 2. 12. 07 14280/1.

121 Brass Screw found embedded in ~~WASC 238~~ slab of G/C when sawing it up at R.L. 10. 10. 08 $\frac{16280}{77}$

M 122 Pieces of iron and zinc found in Cordite M.D. heels at Group H and No. 1 Sorting House 9. 12. 10

123 Die plug for size 5-2 Cordite M.D.T. [Weak design and bad material] 1910

124 Loke found in Cordite on underside of perforated plate, causing ignition, when about to press Size 16 M.D. Cordite on No. 8 Hydraulic Press, in Bay 2 Group H, at 7. 25 p.m. on 8. 3. 11. [Weight 850 mgms 13.1 grains]

M 125 Screw found in block of gun-cotton

at N/G Factory Edmondsey, 10.6.12. 5045

M 126 Match found in cotton waste received
from Messers Spencer Curedale Con: 865
9. 11. 12. 6166/1

M 127 Match found in cotton waste received
from Messers Spencer Curedale Con 874
17. 12. 12. 6166/2

128
WASC 239 Woodbine Cigarette found in Cotton Waste
received from Messers Spencer Curedale
Con 879 18. 1. 13. 6166/3

M 129 Nail found on G/C Moulding machine
hopper 17. 1. 13. 8162

M 130 Live percussion cap found adhering
to a Cordite case received from R.L.
6. 2. 13. 8178

131
WASC 240 Match found in Cotton Waste
received from Spencer Curedale - Con: 897.
7. 4. 13. 6166

132
WASC 241 Small snails found in bag of Cordite
M.D. Steels and Waste 23. 4. 13.

M 133 Brass screw left in the Cordite M.D.
jammed between the blades and trough
of No 12 Small Incorporating Machine
Bay 6 Group D 25. 4. 13



- M 134 Box of matches found in Con. No. 368
Nitrate of Soda received from Messers
Montgomery and Co per. barge "Broxbourne"
- ~~135~~
~~WASC 242~~ Iron washer found on hopper of
G.C. Moulding machine 23. 12. 13. 12781.
- M 136 Wood and iron found in Cordite
heels 23. 1. 14. 13479
- M 137 Match found in Cotton Waste
received from Greenfield Mill Co.
Con 966 9. 6. 14. 14174
- ~~138~~ Piece of Val de Travers found in
NO. 1. Beater G.C. Factory 11. 30 p.m.
3. 4. 14.
- M 139 Match found in Cotton Waste
received from Greenfield Mill Co.
Con 965. August 1914 14174/2
- M 140 Match found in Cotton Waste
received from Dyson Con. 993.
Sept 1914 15398/1.
- M 141 Match found in Cotton Waste
received from Greenfield Mill Co.
Con 1005 17. 9. 14. 16313/3
- M 142 Match found in Cotton Waste
received from Dyson Con 990
18. 9. 14. 15398/2.
- M 143 Match found in Cotton Waste
received from D. Halstead. Con 1100
Feb. 1915 18, 731

M 144 Match found in Cotton Waste
supplied by J. L. Clarke Con. 1105
Feb. 1915 16311/2

M 145 Match found in Cotton Waste
supplied by D. Halstead Con 1127
March 1915 18731

M 146 Match found in Cotton Waste
supplied by Greenfield Mill Co.
Con 1114 March 1915 16313

M 147 Match found in Cotton Waste
supplied by J. L. Clarke Con 1124
March 1915 16311

M 148 Match found in Cotton Waste
supplied by Dyson and Son Con 1110
April 1915 18063

M 149 Match found in Cotton Waste
supplied by J. L. Clarke Con 1020
April 1915 16311

M 150 Match found in Cotton Waste
supplied by Dyson & Son Con 1189
April 1915 18063

M 151 Match found in Cotton Waste
supplied by J. Leigh Son Con 1175
April 1915 19457.

M 152 Match found in Cotton Waste
supplied by Greenfield Mill Co
Con 1089 April 1915 16313



- M 153 Match found in Cotton Waste
supplied by J. W. Mitchell Ltd.
Con. 2058 April 1915 21801
- M 154 Matches found in Cotton Waste
supplied by J. C. Clarke Ltd.
Con. 2073 & 2084 Sept. 1915 18006
- M 155 Matches found in Cotton Waste
supplied by J. W. Mitchell Ltd.
Con. 2102 & 2127
Cct. and Nov. 1915 21801
- 156 ~~WASC 242~~ Match found in Cotton Waste
supplied by Greenfield Mill Co.
Con. 1153 also Tobacco found in
Con. 2001 Nov. 1915 16313
- 157 ~~WASC 243~~ Tobacco found in piping of mantlet
door No 3 Press House Bay 4.
10. 1. 16.
- M 158 Match found by K. L. in
barrell No. 90, K. S. G. 2. Brand
W. D. 1344 Leby. 1916 33290
- M 159 Cordite Concentric Cut. 95 / C / 103
- 160 Cordite Spiral
- 161 Cordite Seaweed
- 162 Cordite Concentric
- M 163 Nail found fixed between diagonal
teeth of cone in No 1 Charcoal Mill
causing slight ignition on 25. 11. 16.

M 164 Match found by Constable Kaye (W.P.)
near bridge by Sewage Farm,
Cordite Lower on 30. 10. 17.

165
~~WASC 244~~ Gunpowder L.G.

166
~~WASC 245~~ Gunpowder R.L.G

167
~~WASC 246~~ Gunpowder R.F.G.

168
~~WASC 247~~ Gunpowder R.L.G⁺

169
~~WASC 248~~ Tinder Box, Flint, Stricker and
Sulphur matches, formerly used for
procuring a light at Sulphur refinery.

170
~~WASC 249~~ Coin found in factory grounds
James II 1685 - 1688

171 Candle snuffer

172
~~WASC 250~~ Miscellaneous ancient keys

173 Large and small size grip found
in 1 Ton of G.C. Feb. 1909

174 Coke found in Cordite on
underside of perforated plate causing
ignition 7.15 p.m. 8. 3. 11

175
~~WASC 251~~ Support wire gauze from Group M.
Bay 7 when fire occurred on
Sat. 22. 8. 14.



146
~~WASC 252~~

Rubber covered gauzes

147
~~WASC 253~~

Size 18 Die from screw press

M

148

Impurities in Cordite M.D. manufacture in 1904 from 10 muslins.

~~149~~

Sample of debris from ventilations Seroyepore Arsenal 29. 10. 1906.

180
~~WASC 254~~

Piece of incorporating machine exploded 15. 12. 02.

~~181~~

Pieces of shell found under slates of No 3 Dusting House which they had pierced Feb. 1922.

M

182

grease nipple found in C.E. Corning granulator.

183
~~WASC 255~~

Watch found in incorporating machine.

184
~~WASC 256~~

2 Pieces of dog-wood.

185
~~WASC 257~~

Mould pelleting machine from Gun Powder Prison

186
~~WASC 258~~

| | | | |
|-----------|-----------|--------|--------|
| gunpowder | Prisms | Brown | 1 |
| gunpowder | Prisms | Brown | S.P.C. |
| gunpowder | Prisms | Brown | P. 2 |
| graphited | gunpowder | Prisms | |

187

Filter Plate from early Cordite Press

188 Filter Plate from modern Cordite Press

189 Miscellaneous D.B. Keys

~~WASC 259~~

190 Shattered Brass Coupling

191

~~WASC 260~~

17 Samples of Fabric. See report on "Cordite stored in India on board H.M. Ships" by Lt. Col. Sir F.L. Nathan R.A. and Dr. Robertson M.A.; Feb. 1907.

192

6 Samples of Cotton Waste in connection File W. 814/43.

193

~~WASC 261~~

Sample of Cordite Manufactured at Caerwent.



SUPPLEMENTARY LIST (ITEMS XI-X12)
OF "ARTICLES IN SUPERINTENDENT'S CASE"

The following articles were among those returned from Bishopton but could not easily and certainly be identified with any of those listed. They are therefore listed here. The numbers XI-X12 were assigned for the purposes of this list. The WASC numbers were given separately to place them in the current E.R.D.E. historical collection.

Jan. 1964.

- WASC 262 Ca. 1890?
(X1) Brass holder on stand. Apparently to hold a lighted taper or similar. $4\frac{1}{2}$ " high mounted on circular ornamental base, diam $3\frac{1}{4}$ ", with carrying handle.
- WASC 263 Ca. 1880?
(X2) Two roughly shaped cubes, approx $1\frac{1}{2}$ ". Apparently made of plaster and coated with graphite. Models of explosive?
- WASC 264 1908
(X3) Printed label "... 10 Igniters, Torpedo, R.G.F., Mark I ... Manufactured by R.G.F. 10/12/08". Printed in red. Mounted on metal plate $3\frac{1}{2} \times 7\frac{3}{4}$ ".
- WASC 265 Ca. 1920?
(X4) Perforated brass disc $3\frac{1}{2}$ " diam.
- WASC 266 1945
(X5) Piece of German explosive? With German printed label with date 18.1.1945.
- WASC 267 Ca. 1920?
(X6) Circular steel plate $7\frac{1}{2}$ " diam., $\frac{7}{8}$ " thick, with approx. 200 circular holes $\frac{3}{16}$ " diam.



- WASC 268 Ca. 1900?
(x7) Circular wire mesh sieve, $7\frac{1}{4}$ " diam.
- WASC 269 Ca. 1900?
(x8) Circular wire mesh sieve, fine mesh, $7\frac{1}{4}$ " diam., with raised metal sides.
- WASC 270 Ca. 1850?
(x9) "Receptacle for holding sulphur matches which, having been lighted with flint and tinder, were used to light the fires in the Brimstone Refinery"
Open lead box $2\frac{1}{4} \times 4\frac{1}{2} \times 3\frac{1}{4}$ " with raised triangular back pierced for wall fixing. The letters BRIT REFY stamped twice. Contents: 17 matches (stout wooden spills 4" long dipped at both ends) and a manuscript label with description quoted above.
- WASC 271 Ca. 1945?
(x10) Propellant charge? Non-metallic cylindrical object, diam $1\frac{1}{4}$ ", length 3", with longitudinal holes to give "cartwheel shape" cross section.
- WASC 272 Ca. 1900?
(x11) Heavy brass object shaped like a cullender. Diam. $6\frac{1}{2}$ " with about 100 holes.
- WASC 273 Ca. 1920?
(x12) Threaded brass cylinder housing six dies to extrude tubular forms approx. $\frac{3}{16}$ " diam. Diam. 3", length 2" plus hexagonal head.

