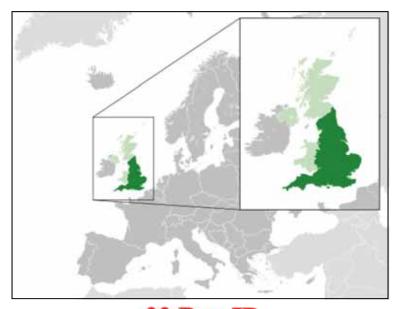
# England



## .22 Box-ID .22 Boxes of the World

Created and Edited By Roger E. Huegel

2013



Map and flag from Wikipedia.org

#### **INTRODUCTION**

England is part of Great Britain, which consists of England, Scotland, Wales and Northern Ireland. Located off the Northwest coast of the European continent. The capital is London. The economy is based upon manufacturing. This is an English speaking country. The money system is based upon the Pound Sterling.

England is rich in the history of .22s. Both in arms development as well as ammunition. The history of .22s in this country is based upon mergers and private label sellers. They now only have one manufacturer remaining in production today, this is Eley, which is still producing some of the best target loadings in the world today.

### **THANKS**

Special thanks to the following collectors for helping me with this project by supplying me with box images and sharing their knowledge. Presented in alphabetical order.

JIM BUCHANAN JERRY HANEWINCKEL

Bob Cameron Gerry Hanson

Bernard Chevalier George Kass

DAVE CLEMENCE JOHN KUNTZ

ALEX DIEHL PAUL McCardell

GERARD DUTTON RON MERCHANT

PHILIPPE GERARD TONY MITCHELL

FEDERICO "FEDE" GRAZIANO RICH RAINS

DEAN GRUA WILL REUTER

Manfred Grützner Curtis Steinhauer

THE .22 BOX NEWSLETTER

### **HEADSTAMPS** (h/s)

Headstamp drawings courtesy of the RIMFIRE HEADSTAMP GUIDE by George Kass

1-12	E-1	E-9	E-10	E-11	E-12	E-13
	Raised	E		$\bigcirc$	(E)	(E)
E-17	E-24	E-26	G-9	G-13	IC-1	IC-2
E	E	E	G	G	Raised	Raised
IC-3	IC-4	IC-5	IC-6	IC-7	IC-8	IC-9
(ICI)	(ICI)	IĊI	(S)		(F)	(F)
IE-1	IK-1	K-2	K-9	K-10	K-11	K-17
(E)	(K)	Raised	K	K	(K·	Raised
KN-1	KN-2	KN-3	LP-1	N-2	T-11	K-12
	(K)		(P)	N		TO TO

#### **MANUFACTURERS**

**BIRMINGHAM SMALL ARMS.** This was a major producer of rifles, but the only 22s they sold were private label loadings produced by Kynoch sometimes before 1930. Their offices and manufacturing was located in Saltley.

**ELEY BROS. LTD.** The history of this manufacturer dates back to 1828 making them not only the largest manufacturer in England, but also the oldest. Their main offices were in London. They probably first were known just as Eley Bros., but no.22 boxes are known from that era. They were one of the leaders in the introduction of smokeless and semi-smokeless powders. In 1918 they were merged with Kynoch Ltd., Nobel Industries, Birmingham Metals and Munitions, and Kings Norton to form the new Nobel Industries Ltd.

**G.E. GREENE & CO.** This was a private label seller who had some .22s produced under their name by I.C.I. They sold these .22s in the 1930's. Exact dates of operations are not known at this time.

**W.W GREENER.** This was a sporting goods dealer with locations in London, and Hull. They were major dealers in .22 cal. target rifles. In the 1930's, they imported at least one lot of private label .22s from R.W.S. of Germany. They even had their own headstamp. They were not just a retailer but one of tEngland'smost famous and long established family firms of gunmakers, founded in 1829 and by 1923 operated the largest sporting gun factory in the world. They ceased and were sold in 1965.

**IMPERIAL CHEMICAL INDUSTRIES LTD.** This was a manufacturer who produced .22s from 1926 to 1962. I.C.I. was the result of a name change from Nobel as a result of mergers. They were major producers of .22s, as well as other ammunition for both sporting and military uses. They had factories in Witton and Birmingham and offices in London. They were formed into the Imperial Metals Industries (Kynoch) Ltd. in 1962. During their time of operations they developed many innovations in materials and produced a wide range of target and high speed loadings.

IMPERIAL METALS INDUSTRIES (KYNOCH) LTD. This manufacturer was a result of a name change from I.C.I. in 1962. Their offices were still in London and they had manufacturing plants in Witton and Birmingham. They also continued I.C.I. relationship with I.M.I. of Australia. Under the Eley brand, they were still producing .22s as of 1986, including various high speed and target loadings. They are the only producers of .22s in England today. I.M.I. is the peak of a triangle which was the result of mergers of at least five prior companies. They are still major exporters of .22s to the world, including the U.S.A., where their TENEX target cartridges are considered to be some of the best.

**F. JOYCE**. This was a sporting goods dealer who sold at least one lot of private label .22s before World War I. No boxes are available for cataloging at this time but some .22s with a "J" h/s are known, which is assumed to be the private label headstamp of this company. Dates of operations are not known at this time. Their offices were at 7 Suffolk Lane, London. They also imported Dominion .22s from Canada. They were not just a sporting goods dealer but a major manufacturer of caps, wads, rimfires and shotshells.

**K.S.C.** One can of 6 m/m Floberts is known to exist. The address on the label is London. The cartridges have a raised "E" h/s which would indicate that the Eley Bros. Ltd. was the manufacturer. This would make them a private label seller. No other data is known at this time.

#### **MANUFACTURERS**

**KING'S NORTON METAL CO., LTD.** This manufacturer produced .22s from approx. 1901 to 1918. main factory was in Birmingham but they also had a loading plant at Abbey Woods in Kent. Their Cayenite was first advertised in 1906 in both black and smokeless powders. Their H.P.S. (Highest Possible Score) was advertised from 1910. In 1918, they were merged into the group of manufacturers to form Nobel. All of these boxes must be considered rare.

**KYNOCH LTD.** This manufacturer operated as Kynoch & Co. from 1864 to 1884. It is not known if Kynoch produced .22s during this period, as no boxes with this name have been reported. In 1884, they changed their name to G. Kynoch & Co. again. No .22s reported from this period. In 1889 they again changed their name to Kynoch Ltd. All Kynoch boxes at this time have this name. Kynoch was a major manufacturer of sporting ammunition with major exports, but they do not seem to have enjoyed any private label business. In 1918, they were merged into the new Nobel.

**L. LEPERSONNE & CO LTD.** This is a private label seller operating at 7 Old Bailey, London during the post-World War II period. They had contracted for at least one lot of private label loadings under the LEPCO brand. These .22s were produced by S.A. des Explosifs DuHavre which is a Belgium manufacturer. (Lepco) is no longer in business. They suffered badly in WW2 when their sources in Belgium were smashed by the Nazis, and they never recovered. **SEE**: Belgium

**MIDLAND GUN CO.** This is a private label seller. They were founded in 1889 in Birmingham and in 1925 their factory was know as the Demon Gun Works. They made their own Guns, shotshells and rimfires. They closed after WW2.

**NOBEL INDUSTRIES, LTD.** This manufacturer produced .22s from 1918 to 1926. Nobel was a well-established manufacturer of ammunition in Europe before they expanded to England. They used Kynoch Ltd., Nobel Industries. Birmingham Metals and Munitions and Kings Norton to form a new company by the name of Nobel Industries Ltd. It is not known if Nobel Industries produced .22s before the merger or not. During this period, Nobel developed brass cases and high speed loadings. In 1926 the name was changed to Imperial Chemical Industries.

**R.W.S. IMPORTS**. This was a German manufacturer, who during the pre-World War II period produced loadings for the Society of Miniature Rifle Clubs. A special box with the S.M.R.C. name was used.

**SUSSEX ARMOURY.** This was a private label seller. founded in 1968 in the county of Sussex, they then opened shops in London and Manchester selling air guns and pellets and blank firing guns. They went bust and closed in 1982. The loadings were produced in Italy by Fiocchi

### ACCLES & SHELVOKE Ltd. "Cash" Issues

CP-1



CP-2



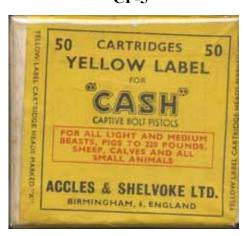
CP-3



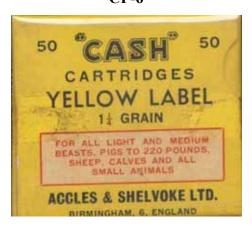
CP-4



CP-5



**CP-6** 



### ACCLES & SHELVOKE Ltd. "Cash" Issues

Mr Accles severed his active connection with Accles and Pollock Ltd, shortly after its formation, and devoted his time to consulting and experimental work in connection with small-arms and ammunition. For three years he was engaged with Birmingham Small Arms Company ltd, on consulting and experimental work on automatic small-arms, until in 1913 he recommended manufacture at Aston in conjunction with Mr.G.E Shelvoke, as Accles & Shelvoke Ltd.

The "CASH" pistol was first manufactured by Accles and Shelvoke Ltd, around 1913, but manufacture was interrupted by the First World War.

After several years of exhaustive experimenting, a weapon for stunning animals, as perfect as humanely possible, was placed on the market, and out of compliment to the originator of the idea, Accles & Shelvoke Ltd, named their production the "CASH" Captive Bolt Pistol.

Since we are unable to determine if cartridges are shorts, longs or long rifle we use the term "CASH PISTOL" and use "CP-x" to classify.

- CP-1 .22 (CASH PISTOL). "BLUE LABEL, 2 GRAIN". Blue box with black printing. White over-label with red printing stating FOR HEAVY BEASTS AND PIGS OVER 220 POUNDS. Slip-in style box. Contents unknown.
- CP-2 .22 (CASH PISTOL). "SHORT CASH X & SMALL CASH-PISTOL ONLY". Green labe with black printing on a white slip-in style box. Red over-stamp stating FOR SHEEP, CALVES and PIGS UP TO 7 SCORE.. Made by Kynoch of ICI.
- CP-3 .22 (CASH PISTOL). "BLUE LABEL". For beasts and pigs over 11 score. White box. Blue label with black printing. Contents unknown.
  - (a) Single red line box on top.
  - (b) Double red line box on top
- CP-4 .22 (CASH PISTOL). "BLUE LABEL". For beasts and pigs over 11 score. Buff box. White label with black and red printing. Contents unknown. Made in Australia.
- CP-5 .22 (CASH PISTOL). "YELLOW LABEL". For all light and medium beast, pigs to 220 lbs. Sheep, calves and all small animals. White box. Yellow label with black and red printing. Contents unknown.
- CP-6 .22 (CASH PISTOL). "YELLOW LABEL". For all light and medium beast, pigs to 220 lbs. Sheep, calves and all small animals. Yellow box. Yellow and white label with black and red printing. Contents unknown.

### ACCLES & SHELVOKE Ltd. "Cash" Issues

**CP-10** 



**CP-11** 



**CP-12** 



**CP-13** 



### ACCLES & SHELVOKE Ltd. "Cash" Issues

- CP-10 .22 (CASH PISTOL). "RED MARK KNOCKER CARTRIDGES". Red label with black printing on a silver round, two-piece tin. Contents unknown.
- CP-11 .22 (CASH PISTOL). "PINK LABEL for SUPERCASH". For beasts under 750 lbs. Pink box with black printing. Contents unknown.
- CP-12 .22 (CASH PISTOL). "GREEN MARK KNOCKER CARTRIDGES". Green label with black printing on a silver round, two-piece tin. Contents unknown.
- CP-13 .22 (CASH PISTOL). "FOR SMALL CASH PISTOLS". Green label with black printing on a buff box. "For Small Animals Only". Made by Kynoch, ICI.

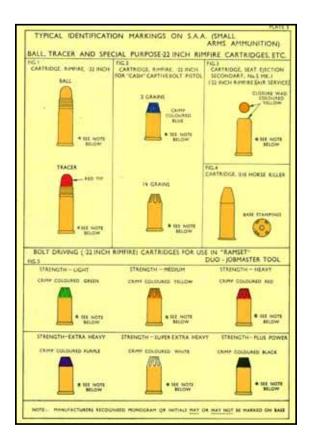
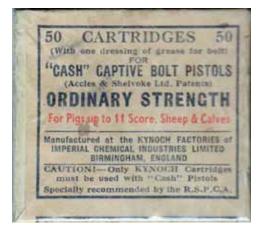


Chart from a military handbook, circa WW2

### ACCLES & SHELVOKE Ltd. "Cash" Issues

**CP-14** 



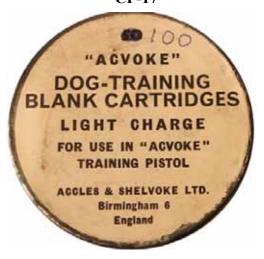
**CP-15** 



**CP-16** 



**CP-17** 



LR-1





### ACCLES & SHELVOKE Ltd. "Cash" Issues

- CP-14 .22 (CASH PISTOL). "ORDINARY STRENGTH". For pigs up to 11 score. Light pink label with black printing on a buff box. Impressed K h/s.. 50 rounds plus a small tin of stun gun lubricant.. Made by Kynoch, ICI.
- CP-15 **.22 (CASH PISTOL).** "EXTRA STRONG". For pigs and beasts over 11 score. Light blue label with black printing on a buff box. Impressed K h/s. 50 rounds plus a small tin of stun gun lubricant. Made by Kynoch, ICI.
- CP-16 .22 (CASH PISTOL). "ORDINARY STRENGTH". For pigs, sheep, calves up to 11 score.. Yellow label with black printing on a buff box. Impressed K h/s. 50 rounds plus a small tin of stun gun lubricant.. Made by Kynoch, ICI.
- CP-17 .22 (CASH PISTOL). "LIGHT CHARGE—DOG TRAINING BLANKS"". 50 round tin (blacked out and re-labeled 100) Buff label with black printing.
- LR-1 .22 Long Rifle (BLANK). "ACVOKE DOG-TRAINING BLANKS".. Blue label with black printing on a silver round, two-piece tin. "AS-1" h/s on rose-crimped copper case with red painted tip.



Chart from a military handbook, circa WW2

### BIRMINGHAM SMALL ARMS Saltley, England

**S-1** 



LR-1



LR-2



LR-2.1



LR-3 (bottom)





### BIRMINGHAM SMALL ARMS Saltley, England

Sometime prior to 1926, B.S.A. contracted with Kynoch to produce a private label .22 under the B.S.A brand.



- S-1 .22 SHORT. "SEMI-SMOKELESS". Buff box with red and black printing. One-piece box with end flaps. No product code. "A" bottom. End #1
- LR-1 .22 LONG RIFLE. "SEMI-SMOKELESS". Buff box with red and black printing. One-piece box with end flaps. No product code. "K-10" h/s on a copper case. Lead bullet. Variations noted:
  - (a) "A" bottom. End #1. Made by Kynoch Ltd.
  - (b) "B" bottom. End #2. Made by Nobel Industries Ltd
  - (c) "C" bottom. End #2. Made by Imperial Chemical Industries
- LR-2 .22 LONG RIFLE (EXPERIMENTAL). Same as LR-l except a white label has been added to the top stating EXPERIMENTAL in red ink. "N-1" h/s on a copper case. Lead bullet. "B" bottom, End #2
- LR-2.1 .22 LONG RIFLE (EXPERIMENTAL BATCH). Same as LR-l except a blue label with black printing has been added to the top
- LR-3 .22 LONG RIFLE (HOLLOW POINT). Same as LR-l except the top and bottom are rubber-stamped HOLLOW. "A" bottom. End #1.

### BIRMINGHAM SMALL ARMS Saltley, England

LR-4



### BIRMINGHAM SMALL ARMS Saltley, England

LR-4 .22 LONG RIFLE (SMOKELESS). "NON-RUSTING". White box with black and gold printing. Contents unknown.

These cartridges are specially designed to meet the demand for super-accurate non-rusting smokeless cartridges for target or sporting purposes.

The residues will protect the bore from corrosion indefinitely, but to obtain the best results these cartridges must be used exclusively, and the bors previously cleansed of all other residues by a liberal application of boiling water.





#### ELEY BROS. Ltd. 230 For Revolvers Issues

**S-1** 



S-1.5



**S-2** 



**S-3** 



**S-4** 



**S-5** 



L-1



#### ELEY BROS. Ltd. 230 For Revolvers Issues

S-1 .22 SHORT (.230). "FOR REVOLVERS". White label with black printing. Tin, two-piece lift off top. Box of 100. No h/s on a copper case. Lead bullet with lK. NOTE: .230 is the designation that ELEY used for .22s. S-1.5 .22 SHORT (.230). "FOR REVOLVERS". White label with black printing. Tin, two-piece, half-split box. Box of 100. No h/s on a copper case, Lead bullets with 1S. S-2 .22 SHORT (.230). "FOR REVOLVERS". Buff label with black printing. Box of 100. Buff, twopiece., full cover box. No h/s on a copper case. Lead bullet. S-3 .22 SHORT (.230). "FOR REVOLVERS". White label with black printing. Tin, two-piece lift off top. Box of 100. No h/s on a copper case. Lead bullet S-4 .22 SHORT (.230). "FOR REVOLVERS". White label with black printing. Tin, two-piece lift off top. Box of 100. No h/s on a copper case. Lead bullet S-5 .22 SHORT (.230). . Buff box. White label with black printing. Contents unknown L-1 .22 LONG (.230). "FOR REVOLVERS". Blue label with black printing. Buff Two-piece box of 100.

No h/s on a copper case. Lead bullet

### ELEY BROS. Ltd. Early Issues

**SB-1** 



**SB-2** 



**BB-1** 



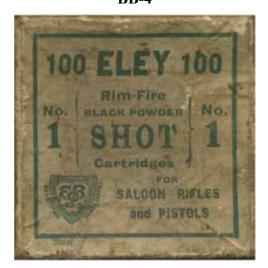
BB-2



**BB-3** 



**BB-4** 



### ELEY BROS. Ltd. Early Issues

- SB-1 .22 **SHORT BLANK**. 100 Rd. red box with black printing. Contents unknown.
- SB-2 .22 **SHORT BLANK**. 100 Rd. buff box. Red wrap-around label with black printing. Contents unknown.
- BB-1 .22 B.B. CAPS. "No. 1 GALLERY" White label with black printing. Buff, two-piece, half-split box. "E -17" h/s on a copper case. Round lead bullet.
- BB-2 **.22 B.B. CAPS.** "No 1 SUPERIOR". Brown label with black printing. Buff, two-piece, full cover box. "E-17" his on a copper case, Round lead bullet.
- BB-3 .22 B.B. CAPS. "No. 3 Bulleted". Brown label with black printing. Buff, two-piece, full cover box. Raised "E" his on a copper case, Round lead bullet.



BB-1 .22 B.B. CAPS (SHOT). "No. 1 for SALOON RIFLES and PISTOLS". 100 rd box. White label with black printing. Buff, two-piece, half-split box. Contents unknown.

### ELEY BROS. Ltd. Early Issues

**S-3** 



S-3.5



**S-5** 



S-7



**S-9** 



S-4 (label)



**S-6** 



**S-8** 



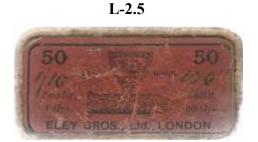
### ELEY BROS. Ltd. Early Issues

- BB-1 .22 B.B. CAPS. White label with black printing. Buff, two-piece, half-split box. "E-17" h/s on a copper case. Round lead bullet.
- BB-2 .22 B.B. CAPS. Red label with black printing. Buff, two-piece, full cover box. Raised "E" his on a copper case, Round lead bullet.
- SB-1 .22 **SHORT BLANK**. 100 Rd. red box with black printing. Contents unknown.
- S-3 .22 SHORT. Red-orange labe1 with black printing Buff, two-piece half-split box. Red-orange side sealing label with black printing. "E-17" h/s on a copper case. Lead bullet.
- S-3.5 .22 SHORT. Same as S-3 but no "or 230" under cartridge image on top.
- S-4 .22 SHORT (TARGET). "SMOKELESS". "SPECIALLY MANUFACTURED FOR THE SOCIETY OF MINIATURE RIFLE. CLUBS". Box of 100. Label only exists at this time.
- S-5 .22 SHORT. Red-label with black printing Buff, two-piece half-split box. Contents unknown.
- S-6 **.22 SHORT.** "FOR REPEATING RIFLES". Buff-label with brown printing Buff, two-piece half-split box. "E-17" h/s on copper case.
- S-7 .22 SHORT. "For SALOON RIFLES & PISTOLS". 100 rds. Red-labe1 with black printing Buff, two-piece half-split box. Contents unknown.
- S-8 .22 SHORT (HOLLOW POINT). "FOR REPEATING RIFLES". Orange-label with brown printing Buff, two-piece half-split box
- S-9 .22 SHORT. "SMOKELESS—RIM TARGET". Buff-labe1 with brown printing Buff, two-piece half-split box. 16FR at bottom edge of top label. 40 gr. Bullet with short case.

### ELEY BROS. Ltd. Early Issues

L-1









L-3



L-4



L-4.5



L-4.5 Bottom





### ELEY BROS. Ltd. Early Issues

- L-l .22 LONG. Red-orange label with black printing. Buff, two-piece half-spilt box. Red-orange side sealing label with black printing. No h/s on a copper case. Lead bullet.
- L-2 .22 LONG. Same as L-l except a slightly different format to the top label.
- L-2.5 .22 LONG. Same as L-1 and L-2 except a slightly different format to the top label.
- L-3 **.22 LONG.** "SMOKELESS". Yellow label with black and red printing. Buff, two-piece, half-split box. Yellow side sealing label with black printing. No h/s on a copper case. Lead bullet.
- L-4 .22 LONG (SHOT). Red, two-piece, half-split box with black printing "E-11" h/s on copper case. Red wad,



L-4.5 .22 LONG (SHOT). "BLACK POWDER". Red label on a buff box with black printing.. Similar to L-4 but different sides and ends. Contents unknown.





### ELEY BROS. Ltd. Early Issues

L-5





### ELEY BROS. Ltd. Early Issues

- L-5 .22 LONG. "BLACK POWDER". Red label on a buff box with black printing.. "E-13" h/s on copper case.
- L-6 **.22 LONG.** 100 rd. . Light blue label on a buff box with black printing.. Contents unknown.. When found this box had an over-label on it. Side with "230 Long Rim" below has over-label removed.



### ELEY BROS. Ltd. Early Issues

LR-1



LR-2



LR-3



LR-4



LR-5



LR-6



LR-7



LR-8



### ELEY BROS. Ltd. Early Issues

- LR-1 .22 LONG RIFLE. "SMOKELESS". Black box with white printing. Buff, two-piece half-split box. Black side sealing label with white printing. "E-17" h/s on a copper case. Lead bullet.
- LR-2 .22 LONG RIFLE."BLACK POWDER". Red label with black printing. Buff', two-piece half-split box. Bed side sealing label with black printing. Contents are unknown.
- LR-3 .22 LONG RIFLE. "FOR SINGLE SHOT RIFLES ONLY". Buff label with brown printing. White, pill box style box with a slip in tray. Blue side sealing label with black printing. Contents are unknown.
- LR-4 .22 LONG RIFLE (HOLLOW POINT). "FOR RIM FIRE RIFLES". Same as LR-3 except top over stamped in black ink HOLLOW POINT BULLETS.
- LR-5 .22 LONG RIFLE. "FOR SINGLE SHOT RIFLES ONLY". Buff label with red printing. Buff side sealing label with red printing. Labels only exits at this time.
- LR-6 .22 LONG RIFLE (UNPRIMED CASES). Box of 100. Photo only is known at this time.
- LR-7 **.22 LONG RIFLE (HOLLOW POINT).** "GREASELESS". No information available at this time except; "E-13" h/s on a copper case. Lead Bullet.
- LR-8 .22 LONG RIFLE. "SMOKELESS". Buff box with brown printing. Two-piece half-split box. Contents unknown.

### ELEY BROS. Ltd. Early Issues

LR-9



LR-10



LR-11



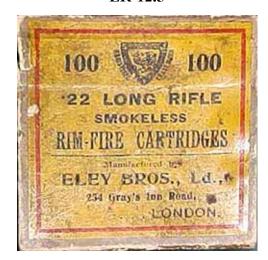
LR-12



WA-1



LR-12.5



WRF-1



### ELEY BROS. Ltd. Early Issues

- LR-9 .22 LONG RIFLE. "SMOKELESS". "For Single Shot Rifles Only". Blue box with dark blue printing. Two-piece half-split box. Contents unknown.
- LR-10 .22 LONG RIFLE. "SMOKELESS". "For Single Shot Rifles Only". Buff box with brown printing. Two-piece half-split box. Contents unknown.
- LR-11 .22 LONG RIFLE. "For Single Shot Rifles Only". Buff box with red label and white printing. Two-piece half-split box. Contents unknown.
- LR-12 .22 LONG RIFLE. "SMOKELESS". 100 rd. buff box. White over-label with red and black printing..

  Contents unknown

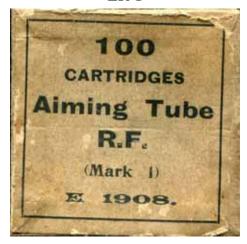
**Story from John Kuntz**: Seems when they decided to come out with a long rifle they thought using an over label would save some money. It came out wrong saying only LONG, (at least on the top) so it was then decided to actually stamp the word RIFLE on each box. So much for a good idea that went wrong, twice. The side label shown below was printed correctly



- LR-12.5 .22 LONG RIFLE. "SMOKELESS". LR-12 box with the correct ".22 LONG RIFLE" overlabel on the box top.
- WA-1 .22 WIN. AUTO. No information about this box is known a t this time.
- WRF-1 .22 WIN. FIRE. Red label with black printing. White, two-piece, half-split box. Full wrap-around end label with black printing. "E-17" h/s on a copper case. Lead bullet.

### ELEY BROS. Ltd. Military Issues

LR-1



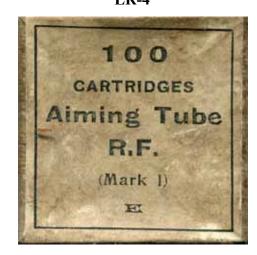
LR-2

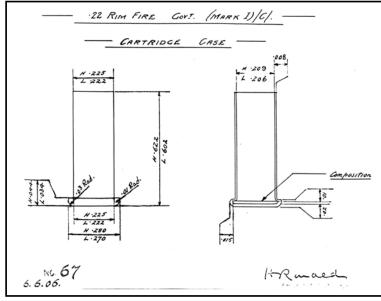


LR-3



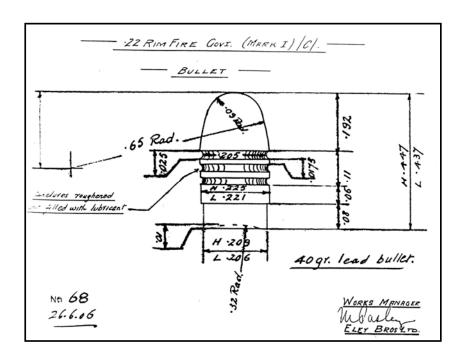
LR-4





### ELEY BROS. Ltd. Military Issues

- LR-1 .22 LONG RIFLE. "AIMING TUBE R.F. (MARK I)". White label with black printing. Buff, two-piece, full cover box. "EL-l" h/s on a copper case. Lead bullet
- LR-2 **.22 LONG RIFLE.** "No. 1 MARK I". White label with black printing. Buff two-piece, full cover box. Box of 100. "E-24" h/s on a copper case. Lead bullet.
- LR-3 .22 LONG RIFLE. "No. 1 SMOKELESS". White label with black printing. Buff, two-piece, full cover box. "E-24" h/s on a copper case. Lead bullet
- LR-4 **.22 LONG RIFLE.** "AIMING TUBE R.F. (MARK I)". White label with black printing. Buff, two-piece, full cover box. "E-24" h/s on a copper case. Lead bullet



### ELEY BROS. Ltd. MISC. Issues

SB-1

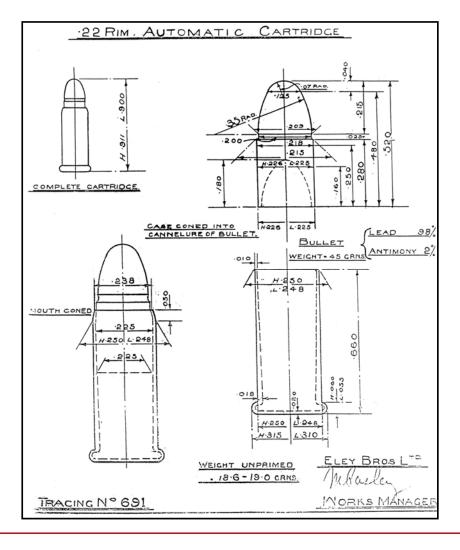


LR-1



### ELEY BROS. Ltd. MISC. Issues

- SB-1 .22 SHORT BLANK. 100 rd. buff box with buff label. Black printing. Contents unknown.
- LR-1 .22 LONG RIFLE (TRACER). . 100 rd two-piece box. Red label with black printing. Made for export to CARTOUCHERIE FRANCAISF, Paris, France. Contents unknown.



### F. JOYCE & Co., Ltd Misc. Issues

BB-1



**S-1** 



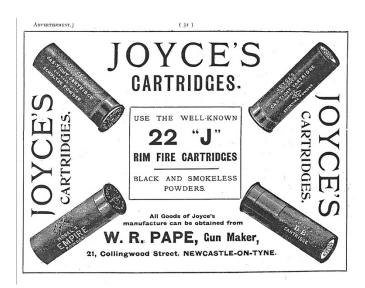


#### F. JOYCE & Co., Ltd Misc. Issues

BB-1 **No.1 BB CAPS..** "SUNFLOWER BRAND". "FOR SALOON PISTOLS". 100 rd tin. White label with black printing. "SUNFLOWER" h/s on a copper case. Extremely rare tin.



S-1 .22 SHORT. "FOR 22 REPEATING RIFLE". 100 rd two-piece black mottled box. Blue label with black printing.. Contents unknown.



#### G.E. GREENE & Co.

**S-1** 



#### G.E. GREENE & Co.

This is a private label seller who probably had his .22s made by I.C.I. By the box style, this company sold these .22s in the 1930s. Dates or sales are not known at this time.

S-1 .22 SHORT. "SMOKELESS NON-RUSTING". Buff two-piece, half-split boz. Green label with black printing. "G-9" h/s on a copper case. Lead bullets.

#### W.W. GREENER

**CB-1** 



**S-1** 







#### W.W. GREENER

W.W.GREENER was a sporting goods dealer with offices in London, Birmingham & Mull. They were well known for their work with .22 target rifles. During the 1930s they imported from R.W.S. of Germany at least one lot of .22s privately labeled for them, even with their own headstamp.

- CB-1 .22 CB- CAPS. "SAFETY KILLER—SMALL PIGS" Yellow one-piece box with black printing. "IC-6" h/s on a copper case.
- S-1 .22 SHORT RIFLE. Box of 100. Buff two-piece box. Green label with black printing."G-13" h/s on a copper case. Lead bullet. The bullet is the long rifle style bullet loaded into a short case, hence the wording SHORT RIFLE on top. Ref: Photo from the Metropolitan Police Forensic Science Laboratory, London. Exported by RWS
- LR-1 .22 LONG RIFLE. Box of 100. Green label with black printing on a buff box. "G" h/s on copper case.

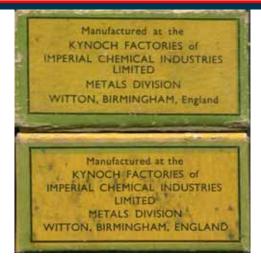


# IMPERIAL CHEMICAL INDUSTRIES Ltd. 1933 "Cartridge in Corners" Issues

**S-1** 



a



b

**S-2** 



**S-3** 



**S-4** 



**L-1** 



L-2



L-3



## IMPERIAL CHEMICAL INDUSTRIES Ltd. 1933 "Cartridge in Corners" Issues

When I.C.I. was formed in 1926 it allowed .22s to be produced at different factories under the same format. The cartridge in the corner issues were produced for the smokeless powder loadings. This format was discontinued prior to WW II.

"A" Bottom "B" Bottom "C" Bottom







- S-l .22 SH0RT. Green and yellow box with black and white printing. One-piece box with end flaps. Copper case. Lead bullet. Variations noted:
  - (a) "a" bottom. "IC-9" h/s.
  - (b) "b" bottom. "IC-6" h/s.
- S-2 .22 SHORT. Same as S-1 except for a white label with black printing, stating REDUCED LOAD FOR C.K..
- S-3 .22 SHORT. Same as S-1 except a different format to the top. Variations noted:
  - (a) "C" bottom. "C-6" h/s.
  - (b) "C" bottom. "C-3" h/s.
- S-4 .22 SHORT (HOLLOW POINT). Same as S-l except for hollow-point; wording on the top and ends. "A" bottom. "IC-4" h/s.
- L-1 .22 LONG. Blue and yellow box with black and white printing. One-piece box with end flaps. Copper case. Lead bullet. Variations no tied:
  - (a) "A" bottom. "IC-6"h/s on a copper case.
  - (b) "B" bottom. "IC-6"h/s.
- L-2 .22 LONG. "ALL .22 RANGE". Buff box with black printing. One piece box with end flaps. Contents unknown.
- L-3 .22 LONG (HOLLOW POINT). Same as L-1 except for hollow point wording.

# IMPERIAL CHEMICAL INDUSTRIES Ltd. 1933 "Cartridge in Corners" Issues

LR-1



LR-3



LR-4



LR-5





## IMPERIAL CHEMICAL INDUSTRIES Ltd. 1933 "Cartridge in Corners" Issues

- LR-1 .22 LONG RIFLE. Red and yellow box with black and white printing. One-piece box with end flaps. Copper case. Lead bullet. Variations noted:
  - (a) "A" bottom. "IC-4" h/s.
  - (b) "B" bottom. "IC -4" h/s.
- LR-3 .22 LONG RIFLE. "ALL RANGE". Same as LR-1 except two stripes are added to the top of the box. This may be a target load. Variations noted:
  - (a) "A" bottom.
  - (b) "B" bottom.
- LR-4 .22 LONG RIFLE (HOLLOW-POINT). Red and yellow box with black and white printing. One-piece box with end flaps. "IC-3" h/s on a brass case. Lead bullet.
- LR-5 .22 LONG RIFLE (HOLLOW-POINT). Same as LR-4 except a different format to the top. "IC-4" h/s on a copper case. Lead bullet.



## IMPERIAL CHEMICAL INDUSTRIES Ltd. "Cartridge in Corners" OVER-LABELS Issues

LR-1



LR-2



LR-3



LR-4



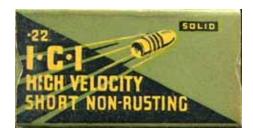


## IMPERIAL CHEMICAL INDUSTRIES Ltd. "Cartridge in Corners" OVER-LABELS Issues

- LR-1 .22 LONG RIFLE (TARGET'). Same as ICI-2-LR-l except a white label with red printing stating FOR PISTOL AND REVOLVER TARGET SHOOTING added.
- LR-2 .22 LONG RIFLE. "I.C.I.-100" Same as LR-l except a white label with red and black printing stating SUITABLE FOR RANGES UP TO 100 YDS.
- LR-3 .22 LONG RIFLE. Same as LR-2except a white label with black printing stating SUITABLE FOR RANGES UP TO 100 YDS.
- LR-4 .22 LONG RIFLE. White box with black printing. One-piece box with end flaps. A white label with red printing has been added stating ALL RANGE QUALITY FOR SPORTING PURPOSES ONLY. Contents are unknown.
- LR-5 .22 LONG RIFLE. White box with black printing. One-piece box with end flaps. A white label with black printing has been added stating ALL RANGE QUALITY SPECIAL ISSUE FOR SPORTING PURPOSES. Contents are unknown.

## IMPERIAL CHEMICAL INDUSTRIES Ltd. High Velocity Issues

**S-1** 



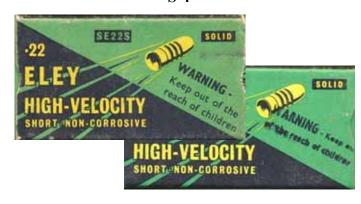
**S-2** 



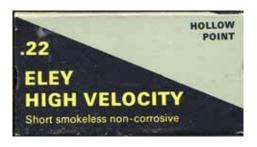
**S-3** 



**S-4** 



**S-5** 



L-2



## IMPERIAL CHEMICAL INDUSTRIES Ltd. High Velocity Issues

Introduced in 1926, these issues remained in the product line until the 1970s. During the life of this issues, they had some changes, product codes added, and consumers warnings added.

"A" Bottom "B" Bottom "C" Bottom







- S-1 .22 SHORT. "NON-RUSTING". Green and black box with black and yellow printing. One-piece box with end flaps. No product code on top."IC-2" h/s on a brass case. Lead bullet. "C" bottom.
- S-2 .22 SHORT (HOLLOW POINT). Same as S-1 except for hollow point format.
- S-3 .22 SHORT. "NON-CORROSIVE". Green and black box with yellow and black printing. One-piece box with end flaps. Product code SE22S on top. Variations noted:
  - (a) "A" bottom.
  - (b) "B" bottom. "IC-2" h/s on a brass case.
- S-4 .22 SHORT. "NON-CORROSIVE". Same as S-3 except a warning has been rubber-stamped on the top. "B" bottom.
- S-5 .22 SHORT (HOLLOW POINT). Light blue-green and black box with yellow printing. One –piece box with end flaps. No bullet on top??. Contents unknown.
- L-2 .22 LONG (HOLLOW POINT). Blue and black box with yellow printing. One –piece box with end flaps. No bullet on top??. Contents unknown.

## IMPERIAL CHEMICAL INDUSTRIES Ltd. High Velocity Issues

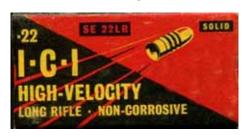




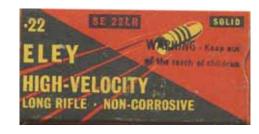
LR-2



LR-3



LR-4



LR-5



LR-6



**LR-7** 



LR-8



# IMPERIAL CHEMICAL INDUSTRIES Ltd. High Velocity Issues

- LR-1 .22 LONG RIFLE "NON-RUSTING". Red and black box with yellow and black printing. One-piece box with end flaps. No product code on the top."IC-1" h/s on a brass case. Lead bullet. "A" bottom.
- LR.-2 .22 LONG RIFLE (HOLLOW POINT) "NON-RUSTING". Same as LR-l except for hollow point format. "A" bottom.
- LR-3 .22 LONG RIFLE "NON-CORROSIVE". Red and black box with yellow and black printing. One-piece box with end flaps. Product code SE22LR on top. "IC-2" h/s on a brass case. Lead bullet. Variations noted:
  - (a) "A" bottom
  - (b) "B" bottom.
- LR-4 .22 LONG RIFLE. Same as LR-3 except a warning has been rubber-stamped on the top. Variations noted:
  - (a) "A" bottom
  - (b) "B" bottom.
- LR-5 .22 LONG RIFLE. Same as LR-3 except the warning is printed on the tap. "B" bottom.
- LR-6 .22 LONG RIFLE (HOLLOW-POINT). "NON-CORROSIVE". Red and black box with yellow and red printing. One-piece box with end flaps. No product code on the top. "IC-2" h/s on a brass case. Lead bullet. "A" bottom.
- LR-7 .22 LONG RIFLE (HOLLOW-POINT). "NON-CORROSIVE". Same as LR-6 except product code SE22LRHP added to the top. "B" bottom.
- LR-8 .22 LONG RIFLE (HOLLOW-POINT). "NON-CORROSIVE". Same as LR-7 except a warning has been rubber-stamped on the top. "A" bottom.

## IMPERIAL CHEMICAL INDUSTRIES Ltd. EXPRESS Issues

**S-1** 



**S-3** 



L-1



L-2



L-3



LR-1



LR-2



LR-2.5



### IMPERIAL CHEMICAL INDUSTRIES Ltd. EXPRESS Issues

- S-1 .22 LONG RIFLE (HIGH VELOCITY). "EXPRESS". Yellow, blue and black box with red and black printing. One-piece box with end flaps. No product code. "IC-2" h/s on a. copper case. Lead bullet w/ 3K.
- S-3 .22 LONG RIFLE "EXPRESS—NON-RUSTING". Yellow, green and black box with red and black printing. One-piece box with end flaps. Contents unknown
- L-1 .22 LONG RIFLE (HIGH VELOCITY). "EXPRESS". Yellow, blue and black box with red and black printing. One-piece box with end flaps. No product code. "ICI-2" h/s
- L-2 **.22 LONG RIFLE (HOLLOW POINT).** "EXPRESS". Yellow, blue and black box with red and black printing. One-piece box with end flaps. No product code. "ICI-2" h/s
- L-3 .22 LONG RIFLE. "EXPRESS—NON-RUSTING". Yellow, gray and black box with red and black printing. One-piece box with end flaps. No product code. "ICI-2" h/s
- LR-1 .22 LONG RIFLE (HIGH VELOCITY). "EXPRESS". Yellow, red and black box with red and black printing. One-piece box with end flaps. No product code. "IC-2" h/s on a. copper case. Lead bullet w/ 3K.
- LR-2 .22 LONG RIFLE (HIGH VELOCITY- HOLLOW POINT). "EXPRESS". Yellow, red and black box with red and black printing. One-piece box with end flaps. No product code. Contents unknown.
- LR-2.5 .22 LONG RIFLE (HIGH VELOCITY- HOLLOW POINT). "EXPRESS". Same as LR-2 with a red star sticker on top which is believed to be SELECT GRADE.

# IMPERIAL CHEMICAL INDUSTRIES Ltd. Misc. Target Issues

**S-1** 



LR-1



LR-2



LR-2.5



LR-4





## IMPERIAL CHEMICAL INDUSTRIES Ltd. Misc. Target Issues

I.C.I. was one of the forerunners of producing good target loads. Miniature rifle shooting was popular in England from the time of the first war to the mid 1960's.



- S-l .22 SHORT (TARGET). "PISTOL". Yellow box with black and green printing. One-piece box with end flaps. No product code. "IC-6" h/s on a copper case. Lead bullet.
- LR-1 .22 LONG RIFLE (TARGET). "PISTOL". Yellow box with black and red printing. One-piece box with end flaps. No product code."IC-3" h/s on a brass case. Lead bullet. "A" bottom.
- LR-2 .22 LONG RIFLE (TARGET). "ICI 100". Yellow and red box with red and black printing. One-piece box with end flaps. No product code. "IC-3" h/s on a brass case. Lead bullet. "B" bottom.
- LR-2.5 .22 LONG RIFLE (TARGET). "ICI 100" Yellow and red box with red and black printing. Large one piece box with end flaps. No product code. Contents are unknown.



- LR-4 .22 LONG RIFLE (TARGET). "ICI TENEX". Yellow and red box with black and red printing. One-piece box with end flaps. No product code."E-24" h/s on a brass case. Lead bullet. Top marked NON-RUSTING.
- LR-5 .22 LONG RIFLE (TARGET). "ICI TENEX". Same as LR-4.t except top reads NON-CORROSIVE. "IC-3" h/s on a brass case. Lead bullet.

### IMPERIAL CHEMICAL INDUSTRIES Ltd. RIFLE CLUB Issues

LR-1



LR-2



LR-3







### IMPERIAL CHEMICAL INDUSTRIES Ltd.

**RIFLE CLUB Issues** 

- LR-1 .22 LONG RIFLE (TARGET). "RIFLE CLUB—MARK 2". Red and yellow box with black printing. One-piece box with end flaps. No product code. Lead bullet. Variations noted:
  - (a) "IC-8" h/s on a copper case. Side reads "NON-RUSTING"



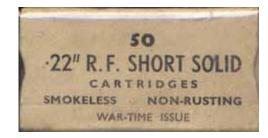
- (b) "IC-3" h/s on a brass case. Side reads "NON-CORROSIVE".
- LR-2 .22 LONG RIFLE (TARGET). "RIFLE CLUB—MARK 2". Same as LR-1 but single quotes instead of double quotes around 'RIFLE CLUB'. "IC-3" h/s on brass case..
- LR-3 **.22 LONG RIFLE (TARGET).** "RIFLE CLUB—MARK II". Similar to LR-1 except Mark 2 is now Mark II.. This box also has an export to Canada over-label on bottom.. "IC-1" h/s on brass case.



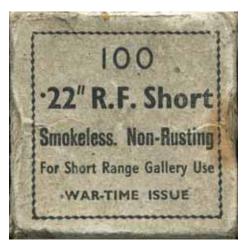
LR-4 **.22 LONG RIFLE (TARGET).** "RIFLE CLUB". Same as LR-1 but no MARK 2 beneath "RIFLE CLUB". "IC-9" h/s on copper case.

### IMPERIAL CHEMICAL INDUSTRIES Ltd. War Time Issues

S-2



**S-3** 



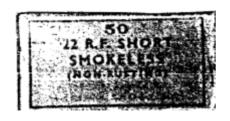
LR-3



LR-5



**S-2** 



LR-1

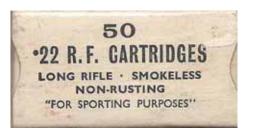


LR-2



LR-4





### IMPERIAL CHEMICAL INDUSTRIES Ltd. War Time Issues

During WW II, England produced .22s both for training, target and sporting use. However, the packaging was as simple as possible.

- S-1 .22 SHORT. "SMOKELESS NON RUSTING WAR TIME ISSUE". Buff box with black printing. One -piece box with end flaps. Contents are unknown. Factory which produced this box is also unknown.
- S-2 .22 SHORT. "SMOKELESS NON-RUSTING". Buff box with black printing. One-piece box with end flaps.
- S-3 .22 SHORT. "SMOKELESS NON-RUSTING". 100 rd. buff box with black printing. One-piece box with end flaps.
- LR-1 .22 LONG RIFLE. "FOR RANGES UP TO 100 YARDS". White box with red printing. One-piece box with end flaps. "IC-6" h/s on a copper case. Lead bullet. Bottom marked as produced by the KYNOCH factories of ICI.
- LR-2 .22 LONG RIFLE. "SEMI-SMOKELESS CARTRIDGES EMERGENCY ISSUES". Buff box with red printing. -One-piece box with end flaps. "1C-3" h/s on a copper case. Lead bullet.
- LR-3 .22 LONG RIFLE. "SMOKELESS CARTRIDGES NON-RUSTING EMERGENCY ISSUES" White label with black and red printing. One-piece box with end flaps. Contents unknown. Produced by the KYNOCH factory of ICI.
- LR-4 .22 LONG RIFLE. "ALL-RANGE QUALITY FOR SPORTING PURPOSES ONLY". White box with red printing. One-piece box with end flaps. "IC-8" h/s on a copper case. Lead bullet. Produced by the KYNOCH factory of ICI.
- LR-5 .22 LONG RIFLE. "A.R. QUALITY FOR SPORTING PURPOSES ONLY". White box with black and red printing One-piece box with end flaps. "IC-4" h/s on a copper case. Lead bullet w/3K. Bottom reads Manufactured at the KYNOCH factories of I.C.I.
- LR-6 .22 LONG RIFLE. "FOR SPORTING PURPOSES". White box with black printing. One-piece box with end flaps. "IC-6" h/s on a copper case. Lead bullet with 3K. Bottom reads manufactured at the KYNOCH factories of I.C.I.

### IMPERIAL CHEMICAL INDUSTRIES Ltd. War Time Issues

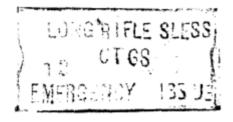
LR-7



LR-9



LR-11



**LR-13** 



LR-8



LR-9.5



LR-10



LR-12





### IMPERIAL CHEMICAL INDUSTRIES Ltd. War Time Issues

- LR-7 .22 LONG RIFLE. "SMOKELESS CARTRIDGES EMERGENCY ISSUE". Buff box with black-printing box with one-piece box with end flaps. "IC-4" h/s on a copper case. Lead bullet.
- LR-8 .22 LONG RIFLE. "NON-RUSTING SMOKELESS WAR-TIME ISSUE". White box with black printing. One-piece box with end flaps. "IC-4" h/s on a copper case. Lead bullet.
- LR-9 .22 LONG RIFLE. "WAR TIME ISSUE RIFLE CLUB". Box of 100. White label with red printing. Buff, two-piece, full cover box. Partial wrap-around label. Contents are unknown.
- LR-9 **.22 LONG RIFLE.** "WAR TIME ISSUE RIFLE CLUB". Box of 50. White label with red printing. Buff, two-piece, full cover box.. "IC-8" h/s on copper case.
- LR-10 .22 LONG RIFLE. "EMERGENCY ISSUE WITH SUPERFICIAL IMPERFECTIONS". Kraft colored box with black printing. White label with red printing. One-piece box with end flaps. .Contents are unknown.
- LR-11 .22 LONG RIFLE. "LONG RIFLE SLESS CTGS EMERGENCY ISSUE". Kraft box with blue printing. One-piece box with end flaps. "IC-4" h/s on a copper case. Lead bullet.
- LR-12 .22 LONG RIFLE. "SEMI-SMOKELESS CARTRIDGES EMERGENCY ISSUE". Kraft box with red printing. One-piece box with end flaps. "IC-6" h/s on a copper case. Lead bullet.
- LR-13 .22 LONG RIFLE. "All-Range Quality". Buff one-piece box with white over-labels on front and back with red printing. "ICI-6" h/s on copper case.





LR-14 .22 LONG RIFLE. "Target Practice Cartridges". Buff one-piece box with white over-labels on top and bottom with red printing. "IC-9" h/s on copper case.



## IMPERIAL CHEMICAL INDUSTRIES Ltd. Military Issues

LR-1



LR-2



LR-3



LR-1.5



LR-2.5





## IMPERIAL CHEMICAL INDUSTRIES Ltd. Military Issues

Both MARK I and MARK II loads were produced during this period. Also the military went from copper to brass cases.

- LR-1 .22 LONG RIFLE. "MARK I QUALITY SMOKELESS: NON-RUSTING". White label with black printing. Kraft, two-piece, full cover box. Full wrap-around end label. Contents are unknown. Bottom reads MANUFACTURED AT THE KYNOCH FACTORIES OF I.C.I., WITTON.
- LR-1.5 .22 LONG RIFLE. "MARK I NON-RUSTING". Light orange label with black printing. Kraft, two-piece, full cover box. Full wrap-around end label. Contents are unknown.
- LR-2 **.22-LONG RIFLE.** "MARK I NON-RUSTING". White labe1 with green printing. Buff, two-piece full cover box. Full wrap-around end label. "IC-4" h/s on a copper case. Lead bullet. Dates noted from 20/4/37 to 10/10/45.
- LR-2.5 **.22-LONG RIFLE.** "MARK I NON-RUSTING". LR-2 box with an over-label stating "22 Long Rifle". "IC-4" h/s on copper case.
- LR-3 .22 LONG RIFLE. Same as LR-2, except MADE IN ENGLAND stamped on the top. Perhaps an export loading.
- LR-4 .22 LONG RIFLE (TRACER). White label with green printing. "TRACER" over-stamped on the top in red ink. Kraft colored, two-piece full cover box. Contents are unknown at this time.



10,000 round case label



JOIN OUR
XMAS
CLUB
Sealing sticker on box like LR-2

# IMPERIAL CHEMICAL INDUSTRIES Ltd. Military Issues

50 CARTRIDGES RIMFIRE

·22 inch MK 2

LR-6



**LR-7** 

17-AO22
50
CARTRIDGE, CALIBER .22:
BALL, LONG, NR3C1
LOT ICI 62

LR-8

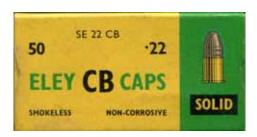




- LR-5 .22 LONG RIFLE. "MARK 2". Black printing on a white box. One-piece box with end flaps. No bottom markings. "IC-4" h/s on a copper washed steel case. Brass washed lead bullet, w/ 2K,lS.
- LR-6 .22 LONG RIFLE. "MARK 2". White label with red printing. Buff, two-piece, full cover box. Full wrap-around end label. .Dates stamped in blue ink. Contents are unknown at this time. Dates range from 28/1/57 to 2/3/61A.
- LR-7 .22 LONG RIFLE (MILITARY). White box with black printing. One-piece box with end flaps. Contents unknown.
- LR-8 .22 LONG RIFLE (MILITARY). Black plastic box. White label with black printing. "E" h/s on a brass case. Lead bullet.
- LR-9 .22 LONG RIFLE (MILITARY TRACER). White label with green and red printing. Buff, two-piece, full cover box. Full wrap-around end label. .Dates stamped in blue ink. Over-stamped FOR H&K CONVERSION.

## IMPERIAL CHEMICAL INDUSTRIES Ltd. Misc. Issues

**CB-1** 



**S-1** 



**S-2** 



**S-3** 



**S-4** 



- CB-1 .22 C.B. CAPS. Yellow and green box with yellow, green and black printing. One-piece box with end flaps. Product code SE 22 CB on top. "IC-3" h/s on a brass case. Lead bullet. See Also: IMI-15-CB-1
- S-1 .22 SHORT. "SPECIALLY LOADED FOR INDOOR TARGET SHOOTING". White label with black printing. Buff, two-piece, half-split box. Contents are unknown at this time.
- S-2 **.22 SHORT (GALLERY).** "SPLASHFREE". Yellow and blue box with red and blue printing. One-piece box with end flaps. "IC-5" h/s on a copper case. Lead bullet without grooves or cannelures.
- S-3 .22 SHORT (GALLERY). "GALLERY". Yellow and green box with green and red printing. One-piece box with end flaps. No product code. "IC-4" h/s on a brass case. Composition bullet.
- S-4 .22 SHORT. "SMOKELESS NON-RUSTING". Green box with black printing. One-piece box with end flaps. Contents unknown. Top stamped in red ink "Specially loaded for INDOOR SHOOTING".

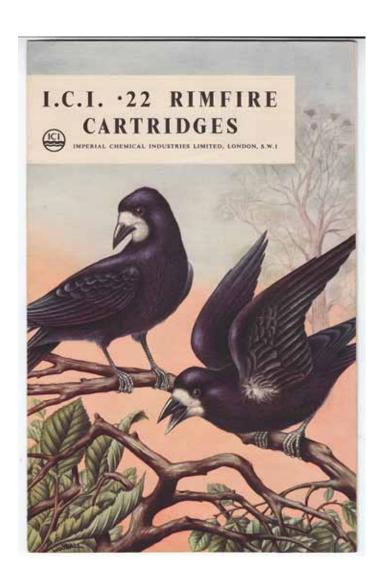
## IMPERIAL CHEMICAL INDUSTRIES Ltd. Misc. Issues

S-6





- S-6 .22 SHORT (GALLERY). "SMOKELESS NON-RUSTING". 100 rd. Yellow box with green printing. One-piece box with end flaps. Red over-stamp stating "SPLASHFREE". Contents unknown. Top stamped in red ink "Specially loaded for INDOOR SHOOTING".
- S-7 .22 SHORT (GALLERY). "SMOKELESS". 2550 rd white box. White label with black printing. Contents unknown.



### IMPERIAL CHEMICAL INDUSTRIES Ltd. Misc. Issues

L-1 (a)



L-1 (a)



L-2



L-3



L-4



L-5



L-6 (b)



L-7

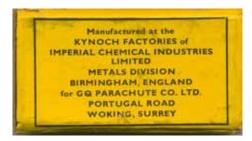


- L-1 .22 LONG (BLANK). White label with black and red printing. Buff, two-piece, full cover box. Full wrap-around side label. "IC-4" h/s on a rose crimped copper case. Variations noted:
  - (a) Produced at LONDON factories of ICI.
  - (b) Produced at WITTON factories of ICI.
- L-2 **.22 LONG (BLANK).** "SMOKELESS". Buff box with red and black printing. Two-piece full cover box. Full wrap-around side label. No product code. "IC-6" h/s on a rose crimped brass case.
- L-3 .22 LONG (BLANK). Same as L-1 except the red BLANK is smaller.
- L-4 **.22 LONG (SHOT).** "SMOKELESS— NON-RUSTING". Buff label with black and red printing. Light blue, two-piece, half-split box. "IC-3" h/s on a copper case. Buff wad.
- L-5 **.22 LONG (SHOT).** "SMOKELESS– NON RUSTING". Same as LR-4 except slight font difference. Contents unknown.
- L-6 .22 LONG (SHOT). "SM0KELESS". Same as L-3 except a different format to the label. Variations noted:
  - (a) Buff box.
  - (b) Blue box.
- L-7 **.22 LONG (SHOT).** "SMOKELESS—NON-CORROSIVE". Buff label with black and red printing. Light blue, two-piece, half-split box. Contents unknown.

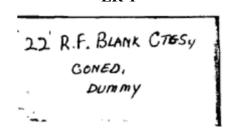
L-8



L-8 Bottom



LR-1



**LR-3** 



LR-4



LR-5



- LR-8 .22 LONG (BLANK). Yellow box with black printing. One-piece, box. Probably made for the backup emergency release on parachute. Probably not used in a gun but similar to a cattle killer blank. No other print on sides or ends Contents unknown.
- LR-1 .22 LONG RIFLE (BLANK). "CONED DUMMY (Hand Written)". White box with black printing. Two-piece, half-split box. "IC-6" h/s on a brass case. Hole in the side. Yellow wad.
- LR-3 .22 LONG RIFLE (SHOT). Yellow and black box with white, red and black printing. One-piece box with end flaps. Top marked NON-CORROSIVE. "E-1" h/s on a brass case. Rose crimped. Variations noted:
  - (a) "E-1" h/s on a brass case.
  - (b) "IC-3" h/s on a brass case.
- LR-4 .22 LONG RIFLE (PROOF). White box with blue printing. One-piece box with end flaps. "IC-3" h/s on a brass case. Lead bullet with 2K,lS. The bullets are black tipped.
- LR-5 .22 LONG RIFLE. "SEMI-SMOKELESS". White box with green printing. Contents unknown.

## IMPERIAL CHEMICAL INDUSTRIES Ltd. The Temple Cox Development Co. Ltd

**S-1** 



**S-2** 



**S-3** 



**S-4** 



**S-5** 



**S-6** 



S-7



## IMPERIAL CHEMICAL INDUSTRIES Ltd. The Temple Cox Development Co. Ltd

With cattle, goats, sheep, and horses, a penetrating stunner is typically used since it destroys the cerebrum while leaving the brain stem intact; this results in a more consistently reliable stun, and ensures the animal's heart continues to beat during the bleeding process. Captive bolts allow for meat trimmings from the head to be salvaged. In some veal operations, a non-penetrating concussive stunner is used in order to preserve the brains for further processing.

The cartridges typically use 2 to 3 grains (130 to 190 mg) of smokeless powder, but can use up to 7 grains (450 mg) in the case of large animals such as bulls. The velocity of the bolt is usually 55 metres per second (180 ft/s) in the case of small animals and 75 metres per second (250 ft/s) in the case of large animals

From Wikipedia.org



- S-1 .22 SHORT (BLANK). "YELLOW CRIMPED". Yellow box with black printing. Contents unknown. "For pigs up to 12 score (240 lbs), medium dogs and similar"
- S-2 **.22 SHORT (BLANK).** "RED CRIMPED". Red box with black printing. Contents unknown. "For All small animals".
- S-3 .22 SHORT (BLANK). "GREEN CRIMPED". Green box with black printing. Contents unknown. For "All large animals".
- S-4 .22 SHORT (BLANK). "GREEN WAD". Green box with black printing. Contents unknown. For "Large bulls, boars, etc. only".
- S-5 .22 SHORT (BLANK). "RED WAD". Red box with black printing. Contents unknown. For "Ordinary beats, horses, etc.".
- S-6 **22 SHORT (BLANK).** "BROWN WAD". Tan box with black printing. Contents unknown. For "Large Bulls, Heaviest Cattle, Boars and Similar.".
- S-7 **22 SHORT (BLANK).** "BLACK WAD". Dark blue box with black printing. Contents unknown. For "Small Pigs, Sheep, Calves and Similar".

# IMPERIAL CHEMICAL INDUSTRIES Ltd. The Temple Cox Development Co. Ltd

S-8





S-10



# IMPERIAL CHEMICAL INDUSTRIES Ltd. The Temple Cox Development Co. Ltd

- S-8 .22 SHORT (BLANK). "RED WAD". Buff box with red label and black printing. Contents unknown. "For ordinary beasts ad horsed"
- S-9 **.22 SHORT (BLANK).** "BLACK WAD". Buff box with white label and black printing. Contents unknown. "For small pigs, sheep, calves, dogs, etc.".
- S-10 **.22 SHORT (BLANK).** "RED WAD". Buff box with red label and black printing. Contents unknown. "For ordinary beasts ad horsed"

# IMPERIAL CHEMICAL INDUSTRIES Ltd. Round TINS





**SB-2** 



**SB-1** 



**CB-1** 

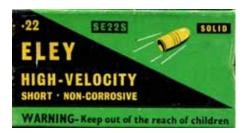


# IMPERIAL CHEMICAL INDUSTRIES Ltd. Round TINS

- BB-1 **#1 BBULLETED CAPS.** 100 rd tin. Red label with black printing. Contents unknown.. Made for MODERN ARMS Co. Ltd.
- SB-1 .22 SHORT BLANK. "STAR BRAND—No.1 SALOON". 50 rd tin. Orange label with black printing. Contents unknown.. Made for MODERN ARMS Co. Ltd.
- SB-2 **.22 SHORT BLANK.** "No.1 SALOON—CRIMPED". 100 rd tin. Blue label with black printing. Contents unknown.
- CB-1 **N0 1 SPHERICAL BALL.** "No.1 SALOON. 100 rd tin. White label with green printing. Contents unknown.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 1962 High Velocity Issues

**S-1** 



LR-1



LR-3



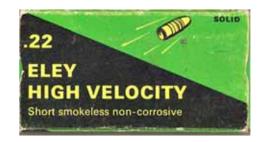
LR-4.5



LR-5



**S-2** 



LR-2



LR-4

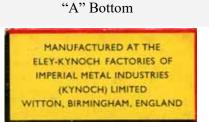




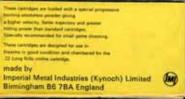


# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 1962 High Velocity Issues

In 1962 the IMPERIAL CHEMICAL INDUSTRIES became IMPERIAL METAL INDUSTRIES (KYNOCH) LTD. Most of the products from the I.C.I. period were carried forward into the I.M.I. period.



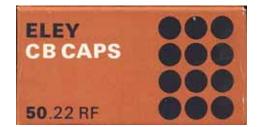




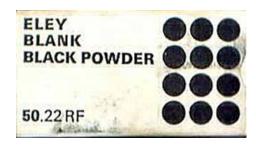
- S-1 .22 SHORT. Green, black and yellow box with green, yellow and black printing. One-piece box with end flaps. Product code SE22S-on top. Lead bullet. Variations noted:
  - (a) "A" bottom. "IC-1" h/s on a brass case.
  - (b) "A" bottom. "E-10" h/s on a brass case.
- S-2 **.22 SHORT.** Same as S-l except a different style of a warning on the top and the product code is missing. Contents are unknown.
- LR-1 .22 LONG (SOLID). Red, black and yellow box with black and yellow printing. One-piece box with end flaps. Product code 22LR on the top. Lead bullet. "A" bottom. "E-11" h/s on a brass case. Lead bullet.
- LR-2 **.22 LONG-RIFLE (SOLID).** Same as LR-1 except a different warning on the top. "E-26" h/s on a brass case. Lead bullet. Bottom reads MADE TO ELEY SPECIFICATIONS IN THE U.S.A. Produced by REMINGTON ARMS CO. during the late 1970s.
- LR-3 .22 LONG RIFLE (HOLLOW POINT'). Same as LR-1 except for the hollow point format. Product code SE 22LRHP on the top. Variations noted:
  - (a) "A" bottom. "E-10" h/s on a brass case.
- LR-4 **.22 LONG RIFLE (SOLID).** Same as LR-1 except a different format to the top. No product code."E-10" h/s on a brass case. Lead bullet. "B" bottom.
- LR-4.5 .22 LONG RIFLE (SOLID). Same as LR-1 except white over-label for export to France.
- LR-5 .22 LONG RIFLE (HOLLOW POINT). Same as LR-4 except for the hollow point format. "B" bottom.
- LR-6 .22 LONG RIFLE (STANDARD VELOCITY). Blue and black box with yellow and black printing. One-piece box with end flaps. Product code STE 22LR on top. Variations noted:
  - (a) "A" bottom. "E-1" h/s on a brass case.
  - (b) "A" bottom. "IC-4" h/s on a brass case.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

**CB-1** 



**S-1** 



**S-2** 



**S-3** 



**S-4** 



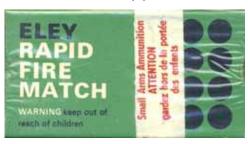
S-5



S-6 (a)



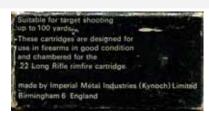
S-6 (b)



## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

Issued in the 1960s, this became the standard packaging of one of the best lines of .22s in the world. The TENEX holds most of the World's records for target shooting

"A" Bottom "B" Bottom "C" Bottom



These carrindges are suitable for target and amel game shooting, and can be used in sunge shot or self-leading offer and patiels. They are designed for use in Ferancia in good condition and chambered for the 22 Long fillin reside cantalgo made by Importal Metal Industries (Kynoch) Limited Birmingham 86 7BA England





"E" Bottom

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Cincare by State and State

"F" Bottom

- CB-1 .22 C.B. CAPS. Brown box with black and white printing. One-piece box with end flaps. "E-12" h/s on a brass case. Lead bullet.
- S-1 .22 SHORT (BLANK). White box with black printing. One-piece box with end flaps. "E-24" h/s on a copper case. Rose crimped.
- S-2 **.22 SHORT.** "SHORT SOLID". Yellow box with black and white printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet w/1k, 1s.
- S-3 .22 SHORT. "PISTOL". .Dark green box with black and white printing. One-piece box with end flaps. Lead bullet. Variations noted:
  - (a) "IC -3" h/s on a brass case.
  - (b) "E-24" h/s on a brass case.
- S-4 .22 SHORT. "SHORT PISTOL MATCH". Dark green box with black and white printing; One-piece box with end flaps. "E-24" h/s on a brass case.
- S-5 .22 SHORT. "RAPID FIRE MATCH". Apple green box with black and white printing. One-piece box with end flaps. "E-24" h/s on a nickel washed brass case. Lead bullet.
- S-6 .22 SHORT. "RAPID FIRE MATCH". S-5 box with French child warning over-label.
  - (a) Red over-label with black printing.
  - (b) White over-label with red printing.

## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

L-1



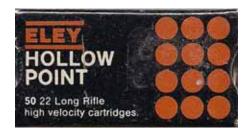
LR-2



LR-3



LR-5



**LR-7** 



LR-1



LR-2.5



LR-4





### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

- L-1 **.22 LONG RIFLE.** "Z" Yellow box with brown and white printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet.
- LR-1 .22 LONG RIFLE. "HV" Yellow and red box with black and red printing. One-piece box with end flaps. "E-10" h/s on a brass case. Copper washed lead bullet.
- LR-2 .22 LONG RIFLE. "MATCH". Black box with white printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet. Variations noted:
  - (a) "A" bottom.
  - (b) "B" bottom.
  - (c) "F" bottom.
  - (d) "G" bottom

#### "G" bottom



- LR-2.5 .22 LONG RIFLE. "MATCH". LR-2 box except the top has a white over-label with red printed child warning in English and French. Made for export
- LR-3 .22 LONG RIFLE. "MATCH". Same as LR-2 except a different format to the top. A product code SE 22 M added to the top.
- LR-4 .22 LONG RIFLE. "HUNDRED" Black box with black printing. One-piece box with end flaps. "E-24"h/s on a brass case. Lead bullet. "C" bottom.
- LR-5 .22 LONG RIFLE (HOLLOW POINT). Black box with orange and white printing. One-piece box with end flaps. Contents unknown.
- LR-6 **.22 LONG RIFLE.** "PISTOL MATCH". Dark blue box with light blue and white printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet w/ 2K,lS. Variations noted:
  - (a) "A" bottom.
  - (b) "B" bottom.
  - (c) "H" bottom

#### "H" bottom



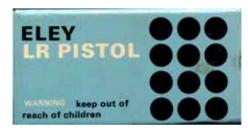
LR-7 **.22 LONG RIFLE.** "HV MOVING TARGET". White box with black and green printing. One-piece box with end flaps. "E=10" h/s on a brass case. Lead bullet, 2k,1s. "B" bottom.

### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd.

**LR-8** 



LR-9



LR-10



LR-11



LR-12



LR-13



**LR-14** 



LR-15

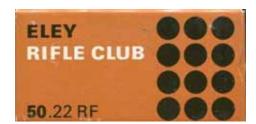


### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

- LR-8 **.22 LONG RIFLE.** "LR PISTOL". Blue box with white and black printing One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet. "C" bottom.
- LR-9 .22 LONG RIFLE, "LR PISTOL". Same as LR-5 except the top has a warning on it. "B" bottom.
- LR-10 .22 LONG RIFLE. "LR PISTOL". Same as LR-8 except the top has a black over-print warning on it
- LR-11 .22 LONG RIFLE. "LR PISTOL". Same as LR9 except the top has a white over-label with red printed child warning in English and French. Made for export
- LR-12 **.22 LONG RIFLE.** "TENEX". Red box with black and white printing One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet. Variations noted:
  - (a) "A" bottom.
  - (b) "C" bottom.
- LR-13 .22 LONG RIFLE. "TENEX". Same as LR-9 except a warning has been added to the top. Variations noted:
  - (a) "A" bottom.
  - (b) "B" bottom
  - (c) "C" bottom.
  - (d) "D" bottom
  - (e) "E" bottom
- LR-14 .22 LONG RIFLE. "TENEX". Same as LR-10 except a different style of warning on the top and the top now has a product code SE 22 T. Variations noted:
  - (a) "A" bottom.
  - (c) "C" bottom.
- LR-11 .22 LONG RIFLE. "TENEX". Same as LR-13 except the top has a white over-label with red printed child warning in English and French. Made for export

## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

**LR-16** 



LR-17



LR-18



LR-19



LR-20



LR-21



**LR-22** 



**LR-23** 



## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

- LR-16 .22 LONG RIFLE. "RIFLE CLUB". Orange box with black and white printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet. Variations noted:
  - (a) "A" bottom.
  - (c) "C" bottom.
- LR-17 .22 LONG RIFLE. "RIFLE CLUB". Same as LR-12 except a warning has been added to the top. "A" bottom.
- LR-18 .22 LONG RIFLE. RIFLE CLUB". Same as LR-12 but warning has been added to top in a white brushed on strip.
- LR-19 **.22 LONG RIFLE.** "CLUB". Orange box with black and white printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet. Variations noted:
  - (a) "A" bottom. No warning on the back of the box.
  - (b) "B" bottom with warning on the bottom of the box.
  - (d) "D" bottom.
- LR-20 .22 LONG RIFLE. "CLUB". Same as LR-19 except the top has a white over-label with red printed child warning in English and French. Made for export
- LR-21 .22 LONG RIFLE. "SMOKELESS HOLLOW POINT". Grey box with white and black printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead hollow point bullet.
- LR-22 .22 LONG RIFLE. "SUBSONIC HOLLOW POINT". Grey box with white and black printing. One-piece box with end flaps. "E-24" h/s on a brass case. Lead hollow point bullet.
- LR-23 .22 LONG RIFLE. "LONG RIFLE SHOT". Purple box with white and black printing. One-piece box with end flaps. "E-24" h/s on rose-crimped brass case.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

LR-24



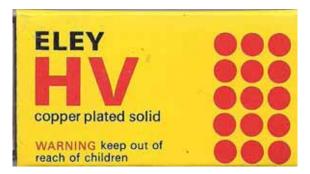


# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 12 Dot Issues

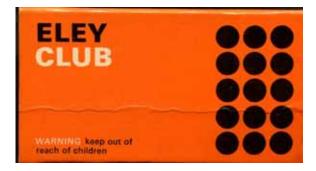
- LR-24 .22 LONG RIFLE. "RIFLE CLUB". Orange box with black and white printing. Narrow one-piece box with end flaps. 10 rds per plastic strip. "E-24"" h/s on a brass case. Lead bullet.
- LR-25 .22 LONG RIFLE. "HUNDRED" Blue box with yellow and white printing. One-piece box with end flaps Contents unknown.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 15 & 18 Dot Issues

LR-1



LR-2





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 15 & 18 Dot Issues

- LR-1 .22 LONG RIFLE. "HV" Yellow and red box with black and red printing. Large one-piece box with end flaps. "E-10" h/s on a brass case. Copper washed lead bullet.
- LR-2 .22 LONG RIFLE. "CLUB". Orange box with black and white printing. Large, one -piece box with end flaps. "E-24" h/s on a brass case. Lead bullet.
- LR-4 .22 LONG RIFLE. "BURGO—CLUB". Orange box with black and white printing. Large, one -piece box with end flaps. Brown over-label with white and black printing. Stating BURGO in a diamond. "E -24" h/s on a brass case. Lead bullet.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Temporary Packs

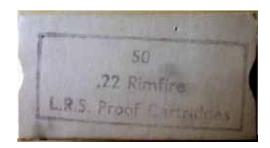
LR-1



LR-2



LR-3





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Temporary Packs

At one time or the other, material shortages or tool breakdowns created a need for a temporary package. These issues were probably produced in the late 1970s.

- LR-1 .22 LONG RIFLE. "LR PISTOL". White labe1 with blue printing One-piece box with end flaps. Label is partial wrap-around side label. "E-24" h/s on a brass case.
- LR-2 .22 LONG RIFLE. "CLUB". White label with orange printing. White, large sized, one-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet.
- LR-3 .22 LONG RIFLE (PROOF). "L.R.S. PROOF CARTRIDGES" White box with blue printing stamped on its top. One-piece box with end flaps. "E-24" h/s on a brass case. Lead bullet with a black tip.
- LR-4 .22 LONG RIFLE. "CLUB". Same as LR-2 except a regular sized box.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Military Issues

**S-1** 



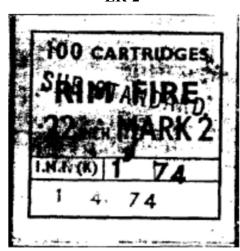
**S-2** 



LR-1



LR-2



LR-3





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Military Issues

- S-l .22 SHORT (PROOF). White box with a red cross on the top. Two-piece, full cover box. "E-12" h/s on a brass case. Lead wad cutter style bullet. This appears to be the standard wad cutter load, except an overloaded round.
- S-1 **.22 SHORT.** "ELEY RFM PRACTICE". White one-piece box with end flaps. Purple over-stamp stating "ELEY RFM PRACTICE". "E-12" h/s on nickel case.
- LR-1 .22 LONG RIFLE. "MARK 2". White label with black printing. Dates are stamped in blue ink. Buff, two-piece, full cover box. Full wrap-around end label. "E-24" h/s on a brass case. Lead bullet.
- LR-2 .22 LONG RIFLE. "MARK 2". Same as LR-1 except the top is over-stamped SUB STANDARD in blue ink.
- LR-3 .22 LONG RIFLE. "MARK 2". Same as LR-1 except the top is over-stamped PRACTICE ONLY.
- LR-4 .22 LONG RIFLE. "MARK 2". Same as LR-1 except the top is over-stamped SELECTED.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Military Issues

LR-5



LR-6





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Military Issues

- LR-5 **22 LONG RIFLE (TRACER).** White label with green and red printing. Buff, two-piece, full cover box. Dates are stamped in blue ink. Full wrap-around end label. "E-17" h/s on brass case.
  - (a) Child warning over-stamped on bottom in black ink.
  - (b) No stamp on bottom.
- LR-6 .22 LONG RIFLE. "MARK 2". Same as LR-1 except there is a white over-label with black printing stating 100CARTRIDGES MADE IN ENGLAND-WARNING: KEEP OUT OF REACH OF CHILDREN

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooter on Top" Plastic Box Issues

**S-1** 



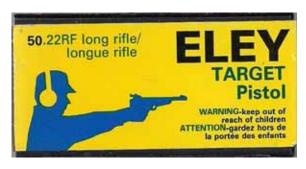
**S-2** 



L-1



LR-1



LR-2



LR-3



LR-4





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooter on Top" Plastic Box Issues

These boxes were first issued in the early 1980's They continued the product line of the 12 dot issues except updated to more modern packaging.

- S-1 .22 SHORT. "SHORT SOLID". Brown label with white and black printing. Contents unknown.
- S-2 **.22 SHORT.** "RAPID FIRE MATCH". Green label with black and white printing. Smoke tint plastic lower box with a black plastic top. "E-24" his on a brass case.
- L-1 .22 .LONG. "Z". Yellow label with black and white printing. Box is sealed, so contents are unknown.
- LR-11 .22 LONG RIFLE. "TARGET PISTOL". Yellow label with black and green printing. Smoke tint plastic lower box with a black plastic top. Contents unknown.
- LR-2 **.22 LONG RIFLE.** "LR PISTOL". Smoke tint lower box with black top. Blue label with white and black printing. "E-24" h/s on a brass case. Lead bullet.
- LR-3 .22 LONG RIFLE. "LR PISTOL". Same as LR-2 except for red circle on top stating "NEW IMPROVED FUNCTIONING". Contents unknown.
- LR-4 .22 LONG RIFLE. "PISTOL XTRA". Smoke tint lower box with black top. Blue label with white and black printing. Contents unknown.
- LR-5 **.22 LONG RIFLE.** "PISTOL MATCH". Blue label with white and grey printing. Smoke tint plastic box with a black plastic lid. "E-24" h/s on a brass case. Lead bullet.

# **IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd.**"Shooter on Top" Plastic Box Issues

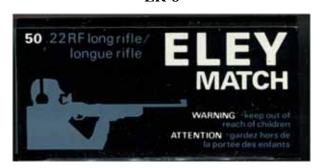
LR-6



LR-7



**LR-8** 

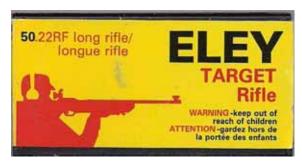


LR-9



LR-10





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooter on Top" Plastic Box Issues

- LR-6 **.22 LONG RIFLE.** "CLUB". Orange label with black and white printing. Smoke tint bottom with black top. "E-24" h/s on a brass case. Lead bullet.
- LR-7 .22 LONG RIFLE. "CLUB XTRA". Orange label with black and white printing. Smoke tint plastic lower box with a black plastic top. Contents unknown.
- LR-8 **.22 LONG RIFLE**. "MATCH". Black label with white and grey printing. Smoke tint plastic lower and black plastic top. "E-24" h/s on a brass case. Lead bullet.
- LR-9 .22 LONG RIFLE. "MATCH XTRA". Black label with black and white printing. Smoke tint plastic lower box with a black plastic top. Contents unknown.
- LR-10 .22 LONG RIFLE."TENEX". Red label with white and black printing. Smoke tint plastic bottom and black plastic top. "E-24" h/s on a brass case. Lead bullet. .Product code WG844 on end.
- LR-11 .22 LONG RIFLE. "TARGET RIFLE". Yellow label with red and black printing. Smoke tint plastic bottom and black plastic top. "E-24" h/s on a brass case. Lead bullet.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooter on Top" Plastic Box Issues

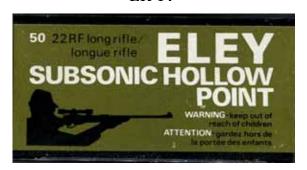
LR-12



**LR-13** 



LR-14



LR-14.5



**LR-15** 



LR-16



LR-17





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooter on Top" Plastic Box Issues

- LR-12 .22 LONG RIFLE. "HV MOVING TARGET". White labe1 with black and grey printing. Smoke tint plastic lower box with a black plastic top. "E-24" h/s on a brass case. Lead bullet.
- LR-13 .22 LONG RIFLE. "TRACER". White label with red printing. Smoke tint plastic lower box with a black plastic top. "E-24" h/s on a brass case. Lead bullet with a red tip.
- LR-14 .22 LONG RIFLE. "SUBSONIC HOLLOW POINT". Green label with white and black printing. Smoke tint plastic box with a black plastic lid. "E-24" h/s on a brass case. Lead bullet.
- LR-14.5 .22 LONG RIFLE. "SUBSONIC HOLLOW POINT". LR-14 box over-stamped BALLE PLEINE (FULL BALL).
- LR-15 .22 LONG RIFLE (STANDARD VELOCITY). "STANDARD". Brown label with white and black printing. Smoke tint plastic box with a black plastic top. "E-24" h/s on a brass case. Lead bullet.
- LR-16 .22 LONG RIFLE (STANDARD VELOCITY). "PISTOL STANDARD". Green label with black and black printing. Smoke tint plastic box with a black plastic top.
- LR-17 **.22 LONG RIFLE.** "ZIMMER". Yellow label with brown printing. Smoke tint plastic lower box with a black plastic top.
- LR-18 .22 LONG RIFLE. "SUBSONIC SOLID BALLE PLIENE (FULL BALL)". ".Green label with white and black printing. Smoke tint plastic box with a black plastic lid

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooters in Target" Plastic Box Issues

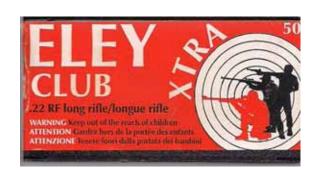
**S-1** 



LR-1



LR-2



LR-3

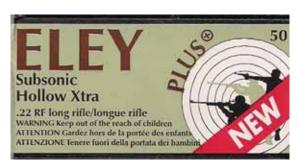


LR-4



LR-5





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooters in Target" Plastic Box Issues

- S-1 .22 SHORT. "STANDARD". Clear plastic box. Orange label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-1 .22 LONG RIFLE. "STANDARD". Clear plastic box. Brown label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-2 .22 LONG RIFLE. "CLUB EXTRA". Orange label with black and white printing. Contents unknown.
- LR-3 **.22 LONG RIFLE.** "TENEX". Clear plastic box. Red label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k.
- LR-4 .22 LONG RIFLE. ""TENEX GOLD". Clear plastic box. Red label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-5 .22 LONG RIFLE. "PISTOL MATCH". Blue label with black and white printing. Contents unknown.
- LR-6 .22 LONG RIFLE. "SUBSONIC HOLLOW XTRA PLUS". Clear plastic box. Light green label with black, brown, and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-6.5 .22 LONG RIFLE. "SUBSONIC HOLLOW XTRA PLUS". Same as LR-6 but no red "NEW" banner.

LR-6.5



# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooters in Target" Plastic Box Issues

LR-7



**LR-8** 



LR-8.5



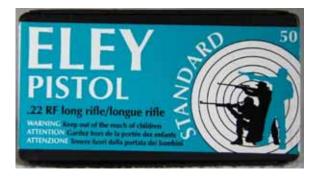
LR-9



LR-10



LR-11





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooters in Target" Plastic Box Issues

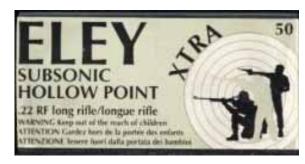
- LR-7 **.22 LONG RIFLE.** "MATCH XTRA". Clear plastic box. Black label with black and white printing. "E -24" h/s on a brass case. Lead bullet w/2k.
- LR-8 .22 LONG RIFLE. "MATCH XTRA PLUS". Clear plastic box. Black label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k. (1999)
- LR-8 .22 LONG RIFLE. "MATCH XTRA PLUS". Same as LR-8 but with a red banner stating NEW.
- LR-9 **.22 LONG RIFLE.** "RIFLE TARGET". Clear plastic box. Yellow label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-10 .22 LONG RIFLE. "PISTOL TARGET". Black plastic box. Yellow label with black and white printing. "E-24" h/s on a brass case. Lead bullet.
- LR-11 .22 LONG RIFLE. "PISTOL STANDARD". Black plastic box. Aqua label with black and white printing. "E-24" h/s on a brass case. Lead bullet (2008)
- LR-12 .22 LONG RIFLE. "BR-50". Clear plastic box. Green label with white printing. "E-24" h/s on a brass case. Lead bullet w/2k.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooters in Target" Plastic Box Issues

**LR-13** 



LR-14



**LR-15** 



**LR-16** 



LR-17



**LR-18** 



LR-19





## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Shooters in Target" Plastic Box Issues

- LR-13 .22 LONG RIFLE. "RAPID FIRE MATCH". Black plastic box. Lavender label with white and black printing. Contents unknown.
- LR-14 .22 LONG RIFLE (HOLLOW POINT). "SUBSONIC EXTRA". Black plastic box. Tan label with white and black printing. Contents unknown.
- LR-15 .22 LONG RIFLE. "PISTOL TARGET XTRA". Black plastic box. Blue label with black and white printing. Contents unknown..
- LR-16 .22 LONG RIFLE (SOLID). "SUBSONIC EXTRA". Black plastic box. Green label with white and black printing. Contents unknown.
- LR-17 .22 LONG RIFLE . "ZIMMER". Black plastic box. Yellow label with white and black printing. "E" h/s on a brass case. Lead bullet.
- LR-18 .22 LONG RIFLE. "SUPER MATCH". Black plastic box. Gray label with white and black printing. "E" h/s on a brass case. Lead bullet.
- LR-19 **.22 LONG RIFLE.** "BIATHLON SPORT". Black plastic box. Blue-green label with white and yellow printing. "E-24" h/s on a brass case. Lead bullet.
- LR-20 .22 LONG RIFLE. "BIATHLON MATCH". Black plastic box. White label with blue printing. Contents unknown.
- LR-21 .22 LONG RIFLE. "SWISS COMPETITION". Black label with white and red printing. Contents unknown.



## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 2008-2016 "Bullseye on Left" Plastic Box Issues





LR-3



LR-4 and LR-4.5



LR-5



**LR-6** 



**LR-7** 



**LR-8** 



LR-9



### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 2008-2016 "Bullseye on Left" Plastic Box Issues

- LR-1 .22 LONG RIFLE. "TENEX". Black plastic box. Red label with white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-3 .22 LONG RIFLE. "CLUB". Black plastic box. Orange label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k.

(a)





(b) Has fire hazard sticker on side





(c)





LR-4 .22 LONG RIFLE. "MATCH". Black plastic box. Black label with white printing. C"E-24" h/s on a brass case. Lead bullet w/2k



BNP 1057
CIP 1057
M BIRMINGHAM CIP APPROVED
WASHING Decerting bearing to pool welfated area, cleaning bearing on bearing personal for new process of a security and a se

LR-4.5 .22 LONG RIFLE. "MATCH". Same as LR-4 except different ends (CIP)





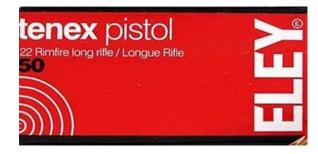
- LR-5 **.22 LONG RIFLE.** "SPORT". Black plastic box. Green label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-6 **.22 LONG RIFLE.** "TARGET". Black plastic box. Yellow label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-7 **.22 LONG RIFLE.** "MATCH PISTOL". Black plastic box. Black label with white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-8 .22 LONG RIFLE. "TEAM". Black plastic box. Blue label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-9 .22 LONG RIFLE. "SUBSONIC HOLLOW". Black plastic box. Pale green label with white printing. "E-24" h/s on a brass case. Lead bullet w/2k

## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 2008-2016 "Bullseye on Left" Plastic Box Issues





LR-12



LR-14



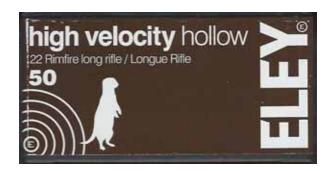
LR-15



LR-16



LR-17



# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 2008-2016 "Bullseye on Left" Plastic Box Issues

- LR-11 .22 LONG RIFLE. "MATCH OSP". Black plastic box. Lavender label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k. OSP stands for Olympic Sport Pistol.
- LR-12 .22 LONG RIFLE. "TENEX PISTOL". Black plastic box. Red label with white and black printing. "E -24" h/s on a brass case. Lead bullet w/2k
- LR-14 .22 LONG RIFLE. "COMPETITION". Black plastic box with black and white label. White and red printing. Contents unknown. Believed to be used by Swiss team only.
- LR-15 .22 LONG RIFLE. "SAMPLE 1". Black plastic box with gray and white label. White printing. Contents unknown. Believed to be a non-production sample box issued to Olympic Athletes..
- LR-16 .22 LONG RIFLE. "SAMPLE 2". Black plastic box with red and white label. White printing. Contents unknown. Believed to be a non-production sample box issued to Olympic Athletes..
- LR-17 .22 LONG RIFLE. "HIGH VELOCITY HOLLOW". Black plastic box. Brown label with white printing. "E-24" h/s on a brass case. Lead bullet w/2k

IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd.
2014-2016 "Bullseye on Left" Plastic Box Issues (New style Labels)





LR-3



LR-4



**LR-5** 





## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. 2014-2016 "Bullseye on Left" Plastic Box Issues (New style Labels)

About 2014 Eley developed a new style wrap-around label with new ends over a black plastic box. They also dropped the "50" on the top. They still used the older style labels on most of their plastic boxes during this term.



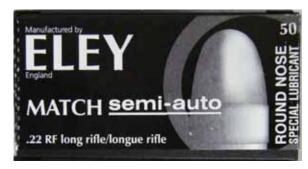
- LR-1 .22 LONG RIFLE. "TENEX". Black plastic box. Red label with white printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-2 **.22 LONG RIFLE.** "TENEX BIATHLON". Black plastic box. Red label with white and black printing. "E-24" h/s on a brass case. Lead bullet w/2k
- LR-3 **.22 LONG RIFLE.** "TENEX PISTOL". Black plastic box. Red label with white and black printing. "E -24" h/s on a brass case. Lead bullet w/2k
- LR-4 **.22 LONG RIFLE.** "MATCH". Black plastic box. Black label with white printing. C"E-24" h/s on a brass case. Lead bullet w/2k
- LR-5 **.22 LONG RIFLE.** "EDGE". Black plastic box. Blue label with white printing. "E-24" h/s on a brass case. Flat-nosed bullet with beeswax lubricant. Made by ELEY Limited. 2014

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Bullet on Top". Plastic Box Issues

LR-1



LR-2

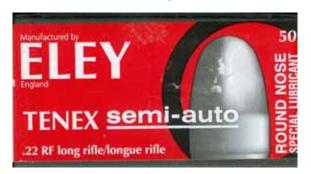


LR-3



LR-4





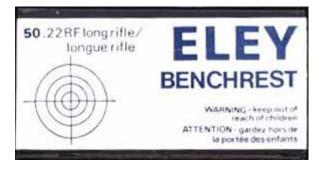
## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. "Bullet on Top". Plastic Box Issues

- LR-1 **.22 LONG RIFLE.** "MATCH EPS". Clear plastic box. Black label with white printing. "E-24" h/s on a brass case. Lead bullet w/2k. Dimple on bullet nose. Made for benchrest competition. (2003)
- LR-2 **.22 LONG RIFLE.** "MATCH SEMI-AUTO". Black plastic box and lid. Black label with white printing. E-24 h/s. on a brass case. Round nosed lead bullet w/2k.
- LR-3 .22 LONG RIFLE. "TENEX ULTIMATE EPS". Clear plastic box and lid. Red label with white, and black printing. "E-24" h/s on a brass case. Lead bullet w/2k. Dimple on bullet nose. Made for benchrest competition.
- LR-4 .22 LONG RIFLE (HIGH VELOCITY). "TENEX ULTIMATE EPS". Same as LR-3 but higher velocity at 1157 fps.
- LR-3 .22 LONG RIFLE. "TENEX SEMI-AUTO". Clear plastic box and lid. Red label with white, and black printing. "E-24" h/s on a brass case. Round nosed lead bullet

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. BENCHREST Issues

LR-1





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. BENCHREST Issues

- LR-1 .22 LONG RIFLE. "BENCHREST GOLD". Clear plastic box. White label with black and gold printing. Bilingual wording on top. "E-24" h/s on a brass case. Lead bullet w/2k.
- LR-2 .22 LONG RIFLE. "BENCHREST". Clear plastic box. White label with blue printing. Bilingual wording on top.

# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. SILHOUEX Issues

LR-1



LR-2





# IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. SILHOUEX Issues

- LR-1 **.22 LONG RIFLE.** "SILHOUEX. Clear plastic box. White label with black printing. "E-24" h/s on a brass case. Lead bullet w/2k.
- LR-2 .22 LONG RIFLE. "SILHOUEX". Black plastic box. White label with black printing. Contents unknown.
- LR-3 **.22 LONG RIFLE.** "SUPER SILHOUEX. Black plastic box. Multi-colored label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k. 1200 fps.

### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. PRACTICE Issues

LR-1



LR-2

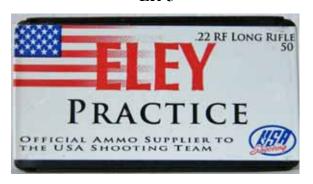


LR-3



LR-4





### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. PRACTICE Issues

- LR-1 .22 LONG RIFLE. "PRACTICE". White label with blue printing. Smoke tint plastic lower box with a black plastic top.
- LR-2 **.22 LONG RIFLE.** "PRACTICE 100". White label with blue printing. Smoke tint plastic lower box with a black plastic top. "E-24" h/s on a brass case. Lead bullet.
- LR-3 .22 LONG RIFLE. "PRACTICE". White label with blue printing. Smoke tint plastic lower box with a black plastic top.
- LR-4 .22 LONG RIFLE. "PRACTICE 100". Same as LR-3 except a different format to top label.
- LR-5 .22 LONG RIFLE. "PRACTICE". Black plastic box. White label with red, blue and black printing..
  "E-24" h/s on a brass case. Lead bullet. Top reads "Official Ammo Supplier to the USA shooting team."

### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Misc. Plastic Box Issues

**S-1** 



LR-1



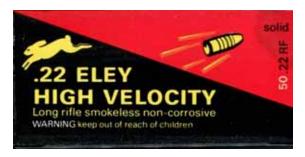
LR-2



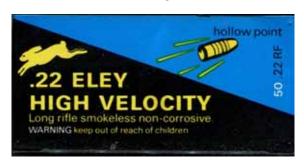
LR-3



LR-4



LR-5



**LR-6** 





### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Misc. Plastic Box Issues

- S-1 **.22 SHORT.** "GALLERY". White label with green printing. Multilingual warning on top. Contents unknown.
- LR-1 .22 LONG RIFLE (HOLLOW POINT). "IMPERIAL TRUE BLUE" Yellow label with black printing. Contents unknown.
- LR-2 .22 LONG RIFLE (HIGH VELOCITY- HOLLOW POINT). Blue and black label with black and white printing. Contents unknown.
- LR-3 .22 LONG RIFLE (HIGH VELOCITY). Red and black label with black and white printing. Contents unknown.
- LR-4 .22 LONG RIFLE (SOLID). "HIGH VELOCITY". Red and black label with yellow, white and black printing. Product code VG520 on the end. Smoke tint plastic lower box with a black plastic lid. "E-24" h/s on a brass case. Lead bullet.
- LR-5 .22 LONG RIFLE (HOLLOW POINT). "HIGH VELOCITY". Blue and black label with yellow, white and black printing. Product code XG22 on end. Smoke tint plastic lower box with a black plastic lid. "E-24" h/s on a brass case. Lead bullet.
- LR-6 .22 LONG RIFLE "SCORPION HVH". .Blue label with black and red printing. Contents unknown
- LR-7 .22 LONG RIFLE "SCORPION HVS". Yellow label with black and red printing. Contents unknown

## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Misc. Plastic Box Issues

**LR-8** 



**LR-11** 



LR-12



**LR-13** 



LR-14





### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Misc. Plastic Box Issues

- LR-8 .22 LONG RIFLE. "PISTOL STANDARD". Aqua label with black and white printing. Contents unknown.
- LR-11 .22 LONG RIFLE. "TRAINER". White label with black, red and gray printing. Contents unknown.
- LR-12 .22 LONG RIFLE "SLAKTERI [SLAUGHTERHOUSE]". Swedish Cattle killer. Black label with white printing. Contents unknown.
- LR-13 .22 LONG RIFLE. "STENVAAG TARGET +". Black plastic box. Black and pink label with black and white printing. "E-24" h/s on a brass case. Lead bullet w/2k.
- LR-14 .22 LONG RIFLE (PROOF). "L.R.S. PROOF CARTRIDGES". White label with black printing. Product code EE-1 on the end. Smoke tint plastic box with a black plastic lid. "E-24" h/s on a brass case. Lead bullet with a black tip.
- LR-15 .22 LONG RIFLE. "SPORT". Purple label with white, blue and yellow printing. "E-12" h/s on a brass case. Lead bullet w/3k Made in Mexico for ELEY Limited, West Midlands England.

### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Misc. Plastic Box Issues

LR-16



**LR-18** 



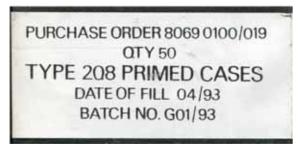
LR-19



LR-20

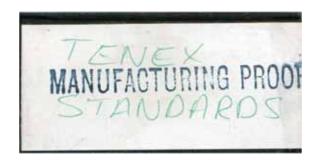


LR-21



**LR-22** 





### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Misc. Plastic Box Issues

- LR-16 .22 LONG RIFLE. "INTERNATIONAL MATCH". Clear plastic box. USA and England flags label with black and red printing. "E-24" h/s on a brass case. Lead bullet w/2k.
- LR-18 .22 LONG RIFLE. "NATIONAL MATCH". White label with blue, black and red printing. Contents unknown.
- LR-19 .22 LONG RIFLE. "RAPID FIRE MATCH". Black plastic box with lavender label. White and black printing. Contents unknown.
- LR-20 .22 LONG RIFLE. "MATCH EPS". Black plastic box. Blue label with red, and white printing.. Top reads "Official Ammo Supplier to the USA shooting team." Contents unknown.
- LR-21 .22 LONG RIFLE (PROOF). "MANUFACTURING PROOF". Black plastic box with white Bottom over-label stamped "MANUFACTURING PROOF". "E-24" h/s on brass case.



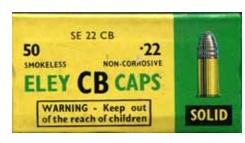
- LR-22 .22 LONG RIFLE (PROOF). "MANUFACTURING PROOF". Black plastic box with green top label stamped "MANUFACTURING PROOF". "E-24" h/s on brass case.
- LR-23 .22 LONG RIFLE (PROOF). "MANUFACTURING PROOF". Black plastic box with white top label stamped "MANUFACTURING PROOF". "E-24" h/s on brass case. TENEX STANDADR hand written on label.

### IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Cardboard Boxes

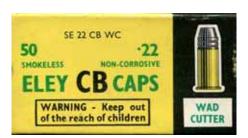
**CB-1** 



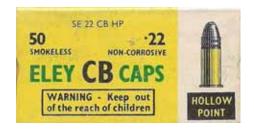
**CB-2** 



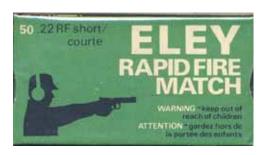
**CB-3** 



**CB-4** 



**S-1** 



LR-1



LR-2





## IMPERIAL METAL INDUSTRIES (KYNOCH) Ltd. Cardboard Boxes

CB-1 .22 C.B. CAPS (SOLID). Yellow and green box with green, yellow and black printing. One-piece box with end flaps. Child Warning stamped on top in black ink. No product code. "IC-3" h/s on a brass case. Lead bullet.

See Also" ICI-7-CB-1

- CB-2 .22 C.B. CAPS (SOLID). Same as CB-1 except a warning and a product code SE 22 CB has been added to the top. Variations noted:
  - (a) "IC-3" h/s on a brass case.
  - (b) "E-12" h/s on a brass case. "ICI logo on the bottom
  - (c) No ICI logo on the bottom. "E-12" h/s.
- CB-3 .22 C.B. CAPS (WAD CUTTER). Same as CB-2 except for wad-cutter style of bullet. "E-12" h/s on a brass case.
- CB-4 .22 C.B. CAPS (HOLLOW POINT). Same as CB-3 except for hollow point bullet. "E-12" h/s on a brass case.
- S-1 .22 SHORT (MATCH). "RAPID FIRE MATCH". Green and black box with white and black printing. One-piece box with end flaps. No product code. Side reads NEW. "E-24" h/s on a brass case. Lead bullet w/1k,1s. Bottom reads MADE IN ENGLAND.
- LR-1 .22 LONG RIFLE (STANDARD VELOCITY). Brown and black box with white and black printing. One-piece box with end flaps. Lead bullet. Variations noted:
  - (a) Bottom reads ELEY P.O. BOX 216 WITTON, BIRMINGHAM. "E-24" h/s on a brass case.
  - (b) Bottom reads as in (a) except the following has been added; MADE TO ELEY SPECIFICATIONS IN THE U.S.A. "E-26" h/s on a brass case. This box was produced by REMINGTON ARMS during the late 1970's.
- LR-2 .22 LONG RIFLE (HIGH VELOCITY). Blue and black box with yellow black and white printing. One-piece box with end flaps. Product code 1622-E on the bottom. "E-26" h/s on a bras case. Lead bullet with 3k,1s. Bottom reads MADE TO ELEY SPECIFICATIONS IN THE U.S.A. This box was produced by Remington when Eley was undergoing some tooling changes which put them temporarily out of production.
- LR-3 .22 LONG RIFLE (HIGH VELOCITY HOLLOW POINT). Same as LR-2 except for hollow point wording on the top and ends.

### IMPERIAL METAL INDUSTRIES EUROP-ARM s.a.

LR-1



LR-2



LR-3



LR-4





### IMPERIAL METAL INDUSTRIES EUROP-ARM s.a.



Bottom "A" detail

Bottom "B" detail





LR-1 .22 LONG RIFLE (SUBSONIC VELOCITY). White label on a smoke colored plastic box. Contents unknown. "A" bottom.



LR-2 .22 LONG RIFLE (SUBSONIC VELOCITY). Green label on a smoke colored plastic box. Contents unknown. "B" bottom.



LR-3 .22 LONG RIFLE (SUBSONIC VELOCITY). Green label on a smoke colored plastic box. Contents unknown. "A" bottom.



LR-4 .22 LONG RIFLE (SUBSONIC VELOCITY). Light green label on a smoke colored plastic box. Contents unknown. "A" bottom.



LR-5 .22 LONG RIFLE (SUBSONIC VELOCITY). Green label on a smoke colored plastic box. Contents unknown. "A" bottom.



### KING'S NORTON METAL Co. Ltd. "CAYENITE" Issues

**S-1** 



L-1.5



L-1





### KING'S NORTON METAL Co. Ltd. "CAYENITE" Issues

This manufacturer produced .22s from approx. 1901 to approximately 1930. All KING'S NORTON boxes are to be considered to be rare. Dates of manufacture are unknown at this time.

- S-l .22 SHORT. "CAYENITE BRAND". Green label with black printing. Label only is known at this time, so box and contents are unknown.
- L-1 .22 LONG. "CAYENITE BRAND". Red box with yellow label with black printing. Label over-printed in red ink "1910". Contents unknown but believed to be "KN-2" h/s on a copper case. Plain lead bullet..
- L-1.5 .22 LONG. "CAYENITE BRAND".L-1 label without the over-stamp
- LR.-1 .22 LONG RIFLE. "CAYENITE". White label with black printing. Red, pill box style box with a slip in tray. Full wrap-around side label. End reads FOR THE USE OF N.R.A. AFFICATED CLUBS ONLY. NOT FOR PUBLIC USE. "KN-2" h/s on a copper case. Lead bullet.



## KING'S NORTON METAL Co. Ltd. Abby Wood, Kent

LR-1



LR-2



LR-3

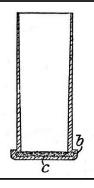


LR-4



27,343. King's Norton Metal Co., Bayliss, T. A., and Smith, H. Melville-. Nov. 24.

Gun cartridges.—Relates to rim-fire cartridges, and consists in compressing a charge c of gunpowder into a solid cake upon the sensitive priming b to facilitate the ignition.



Priming in Kings Norton rimfires circa 1909.

### KING'S NORTON METAL Co. Ltd. Abby Wood, Kent

- LR-1 **.22 LONG RIFLE.** "H.P.S.". White label with black printing. Red pill box style box with a slip in tray. Full wrap-around side label. Contents are unknown.
- LR-2 .22 LONG, RIFLE". Yellow label with black printing. Red, two-piece, full cover box. Full wraparound side label. .Contents are unknown.
- LR-3 .22 LONG RIFLE. "CARTON, SMOKELESS MATCH". No box information available at this time except "KN-2" h/s on a cupro-nickel case with plain lead bullet. The cupro-nickel case was reported to be high pressure for match use.
- LR-4 .22 LONG RIFLE. "KARTON, SMOKELESS MATCH". Blue label with black printing on a two-piece tin box.. Cupro-nickel case with plain lead bullet.



#### KYNOCH Ltd. Lion's Head Issues

**BB-1** 



**S-1** 



**BB-2** 



**S-2** 



**S-3** 



L-1





#### KYNOCH Ltd. Lion's Head Issues

The dates of these issues are not known at this time, but they are before the merger with NOBEL.

- BB-1 .22 B.B. CAPS. "SUPERIOR No. 1". Red label with black printing. Buff, two-piece box with end flaps. Box of 100, bulk packed. Contents are unknown.
- BB-2 .22 B.B. CAPS. "SUPERIOR No. 2". Red label with black printing. Mottled buff, two-piece box with end flaps. Box of 100, bulk packed. No h/s on copper case. Lead ball





- S-l .22 SHORT (BLANK). "BLACK POWDER". White and black label with white, black and red printing. Kraft, two-piece full cover box. Kraft colored side sealing label. "K-10" h/s on a copper case. White wad.
- S-2 230 SHORT. 100 rd. tin box. Light brown label with black printing.. "K-2" h/s on copper case.
- S-3 **230 SHORT. 50** rd. tin box. Light brown label with black printing.. Similar to S-2 except 50 rd tin and different wording on top. Contents unknown.
- L-1 .22 LONG. "SMOKELESS". Buff box with white and green labels. Black and red printing. Contents unknown.
- LR-5 .22 LONG RIFLE (TARGET). White label with black printing. This is all that is known about this box at this time.

### KYNOCH Ltd. Lion's Works, Witton Issues

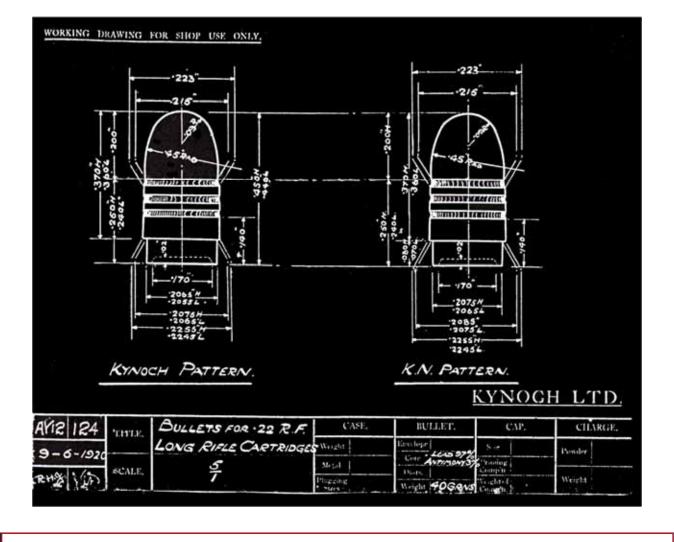
**S-1** 



#### KYNOCH Ltd. Lion's Works, Witton Issues

These issues were probably produced in the 1920s.

S-1 .22 SHORT. 100 rd. red box with black printing.



## KYNOCH Ltd. Axite Issue

**S-1** 



**S-2** 



L-1





### KYNOCH Ltd. Axite Issue

- S-1 **.22 SHORT (SOLID).**"AXITE". Yellow, green, red and white box with black printing. Two-piece, half -split box. Full wrap-around side label. Contents are unknown.
- S-2 **.22 SHORT (HOLLOW POINT).** "AXIT'E" Same as S-1· except the ends have an over-label stating HOLLOW POINT. Contents unknown.



- L-l .22 LONG (SOLID). "AXITE". Yellow, green, black, white, and red label with black printing. Label only is known at; this time.
- LR-1 .22 LONG RIFLE (SOLID). "AXITE". Box of 100. Yellow, green, red and white label with black printing. Full wrap-around side label. Buff two-piece, full cover box. Contents are unknown.

#### KYNOCH Ltd. Smokeless Issue

S-1



**S-2** 



**S-3** 



L-1



LR-1



LR-2





### KYNOCH Ltd. Smokeless Issue

- S-1 **.22 SHORT (SOLID).** "SMOKELESS". Yellow, green, red and white box with black printing. Two-piece, half-split box. Full wrap-around side label. AXITE over-labeled with SMOKELESS on a white label with black. Printing. "K-17" h/s on copper case.
- S-2 **.22 SHORT (HOLLOW POINT).** "SMOKELESS". Same as S-1 but has a white over-label with black printing on top stating HOLLOW. Contents unknown.
- S-3 .22 SHORT "SMOKELESS". Same as S-1 but has a white over-label with black printing on top stating SMOKELESS. Contents unknown.
- L-1 .22 LONG (SOLID). "SMOKELESS" Yellow, green, black, white, and red label with black printing. . Raised "K-2" h/s on a copper case. Lead bullet.
- LR-1 **.22 LONG RIFLE (SOLID).** "SMOKELESS" Box of 50. Yellow, green, red and white label with black printing. Full wrap-around side label. Buff two-piece, full cover box. Contents are unknown.
- LR-2 .22 LONG RIFLE; (SOLID). "SMOKELESS". Same as LR-1 except a box of 100 cartridges.



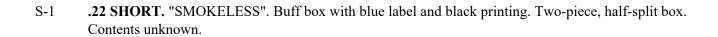
LR-3 .22 LONG RIFLE (HOLLOW POINT). "SMOKELESS" . Same as LR-1 but has a white over-label with black printing on top stating HOLLOW. Contents unknown.

# **KYNOCH Ltd.** Smokeless Issue

**S-1** 



# KYNOCH Ltd. Smokeless Issue



# KYNOCH Ltd. Nobel Merger

**S-1** 



**S-2** 



MADE AND LOADED
AT THE
Kynoch Factories
OF
Nobel Industries
Nobel House
Buckingham Gate
LONDON

L-1



L-2



LR-1



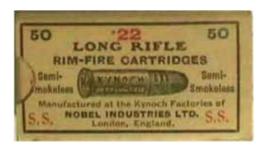
LR-2



LR-3



LR-4



# **KYNOCH Ltd. Nobel Merger**

These issues were produced after the merger of NOBEL INDUSTRIES LTD. Exact dates of production are not known.





- S-1 .22 SHORT. "SMOKELESS". Light green and yellow box with black printing One -piece box with end flaps. Contents are unknown.
- S-2 **.22 SHORT.** "SMOKELESS". 25 rd. White box with black printing One -piece box with end flaps. "K-12" h/s on a copper case.
- L-1 .22 LONG. "SEMI-SMOKELESS". Light blue and white box with black printing One -piece box with end flaps. Contents are unknown.
- L-2 .22 LONG (SHOT). White box with black and red printing One -piece box with end flaps. Contents are unknown.
- LR-1 .22 LONG RIFLE. "SMOKELESS". Light green and yellow box with black printing. One-piece box with end flaps. "K" h/s on a copper case. Lead bullet.
- LR-2 .22 LONG RIFLE. "TARGET" White box with black and red printing; One-piece box with end flaps. Side of box has lion's head logo. No h/s on a copper case. Lead bullet.
- LR-3 **.22 LONG RIFLE.** "SEMI-SMOKELESS". Buff box with blue printing. One-piece box with end flaps. "K-17" h/s on a copper case. Lead bullet.
- LR-3 .22 LONG RIFLE. "SEMI-SMOKELESS—TARGET SHOOTINGS". Buff box with black and red printing. One-piece box with end flaps.

# **KYNOCH Ltd. Military Issues**

L-1



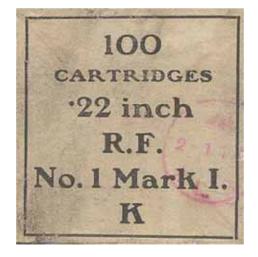
LR-2



LR-4



LR-1



LR-3



LR-5



# **KYNOCH Ltd. Military Issues**

- L-1 .22 LONG. "AIMING TUBE—MARK I. White label with black printing. Buff, two-piece, full cover box. "IK-1" h/s on a copper case.
- LR-1 .22 LONG RIFLE. ".22 INCH R.F. No. 1 MARK 1". White label with black printing. Buff, two-piece, full cover box. "K-2" h/s on a copper case. Lead bullet.



- LR-2 .22 LONG RIFLE. "Adapted to the MINIATURE RIFLE and AIMING TUBE". Red label with black printing. Buff, two-piece, full cover box. Contents unknown.
- LR-3 **.22 LONG RIFLE.** ".22 INCH R.F. No. 1 MARK 1— SMOKELESS". White label with red printing. Buff, two-piece, full cover box. "K-17" h/s on a copper case.
- LR-4 .22 LONG RIFLE. ".22 INCH R.F. No. 1 MARK 1— CORDITE". White label with red printing. Buff, two-piece, full cover box. "K-17" h/s on a copper case.
- LR-5 **.22 LONG RIFLE.** ".22 INCH R.F. No. 1 MARK 2". White label with red printing. Buff, two-piece, full cover box. Over-stamped in black ink PRACTICE ONLY.

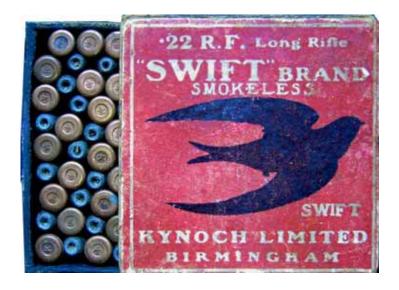
**KYNOCH Ltd. Misc. Issues** 

LR-1



# **KYNOCH Ltd. Misc. Issues**

LR-1 **.22 LONG RIFLE.** "SWIFT BRAND—SMOKELESS". Red label with white and black printing. "K-17" h/s on a copper case. Hollow point lead bullet.



## MIDLAND GUN Co. Misc. Issues

**BB-1** 



**S-1** 



SB-1



LR-1



#### MIDLAND GUN Co.

No data is available at this time for this private label seller. Their address was Birmingham. The manufacturer of the loadings also is not known at this time.

- BB-1 .22 BB CAPS. Green label with black printing. Round tin two-piece, half-split can. No product code. Contents unknown.
- SB-1 .22 SHORT BLANK. Red label with black printing. Round tin two-piece, half-split can. No product code. Contents unknown.
- S-1 .22 SHORT. "SMOKELESS—R BRAND". Brown box with black printing. Contents unknown







LR-1 .22 LONG RIFLE. "SMOKELESS" Advertisement. No other information is available.



# NOBEL INDUSTRIES Ltd. Nobel Issues

**S-1** 



**S-2** 



L-1



L-2



L-3



LR-1



LR-2



LR-2.5



# NOBEL INDUSTRIES Ltd. Nobel Issues

The history of Nobel dates back to 1833 when Alfred Nobel was born in Sweden. In 1863 Nobel developed nitroglycerine and within a few years he developed dynamite. In 1871 he formed the British Dynamite Company. In 1877 the name was changed to the Nobel's Explosive Company and in 1886 the Nobel-Dynamite Trust Company was formed in London by merging Nobel's German and English companies. In 1896 Alfred Nobel died leaving a fortune, which is still used today to fund Nobel Prizes. In 1896 Nobel-Dynamite Trust Company acquired the Birmingham Small Arms and Metal Company forming the Birmingham Metal and Munitions Company. In 1900 the name was changed again to Nobel's Explosive Company. At the outbreak of WWI Nobel-Dynamite Trust was broken up. In 1918 the Explosives Trades Ltd. was formed which includes 29 different companies. In 1920 the name was changed to Nobel Industries. In 1926 Nobel Industries merger with three other companies to form Imperial Chemical Industries (ICI).

- S-1 .22 SHORT. "NON-RUSTING". Green and yellow box with black printing. One -piece box with end flaps. Contents unknown
- S-2 **.22 SHORT (HOLLOW POINT).** "NON-RUSTING". Green and yellow box with black and red printing. One -piece box with end flaps. "K-11" h/s on a copper case. Lead bullet. Box bottom reads MANUFACTURED AT THE KYNOCH FACTORIES OF IMPERIAL CHEMICALS INDUSTRIES LTD. This would indicate that this box was produced after 1926.
- L-1 .22 LONG. "NON-RUSTING". Blue and yellow box with black printing. One -piece box with end flaps. Contents unknown
- L-2 **.22 LONG (HOLLOW POINT).** "NON-RUSTING—SMOKELESS". Blue and yellow box with black and red printing. One -piece box with end flaps. Contents unknown
- L-3 .22 LONG "NON-RUSTING". Blue and yellow box with black and red printing. One -piece box with end flaps. Contents unknown
- LR-1 .22 LONG RIFLE (SOLID). "NON-RUSTING.". Grey and yellow box with black printing. One-piece box with end flaps. Raised "K-11" h/s on a copper case. Lead bullet.
- LR-2 .22 LONG RIFLE (HOLLOW POINT). Same as LR-l, except a red hollow point over-stamp. Contents unknown
- LR-2.5 .22 LONG (SHOT). "NON-RUSTING.". White box with black and red printing. Two-piece, half-split box. "IC-4" h/s on copper case..

# NOBEL INDUSTRIES Ltd. Nobel Issues

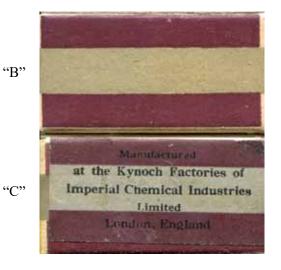
#### LR-3



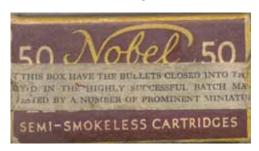


#### LR-4





#### LR-5





# NOBEL INDUSTRIES Ltd. Nobel Issues

#### **NOT SHOWN**

- LR-3 .22 LONG RIFLE. "SEMI-SMOKELESS" Case have no headstamp.
- LR-2 & 2.1 .22 LONG RIFLE. "SEMI-SMOKELESS" Case have an impressed "N."
- LR-3 .22 LONG RIFLE. "SEMI-SMOKELESS" Brown-red box with white and yellow printing. One-piece box with end flaps. "K" h/s on a copper case. Lead bullet.
- LR-4 .22 LONG RIFLE. "SEMI-SMOKELESS". Same as LR-3 except; a light green stripe runs around the box. "N" h/s on copper case.
  - (a) "B" bottom
  - (b) "C" bottom.
- LR-5 .22 LONG RIFLE. "SEMI-SMOKELESS" Same as LR-3 except; a white label has been added to the top stating; THIS BOX HAVE THE BULLETS CLOSED INTO ????VED IN THE HIGHLY SUCCESSFUL BATCH TESTED BY A NUMBER OF PROMINENT MINI\_\_\_\_... Probably a special batch of target loadings. "N" h/s on copper case.

THE CARTRIDGES IN THIS BOX HAVE THE BULLETS CLOSED INTO THE CASES BY AN IMPROVED PROCESS AS EMPLOYED IN THE HIGHLY SUCCESSFUL MATCH MARKED "EXPERIMENTAL" RECENTLY TESTED BY A NUMBER OF PROMINENT MINIATURE RIFLE HOTS.

#### LR-5 over-label

LR-6 .22 LONG RIFLE. "SEMI-SMOKELESS" Same as LR-3 except; a white label has been added to the top stating; "EXPERMENTAL ONLY". "N" h/s on copper case.

## NOBEL INDUSTRIES Ltd. Misc. Target Issues

**S-1** 



L-1



LR-1



LR-2



**XX-1** 



### NOBEL INDUSTRIES Ltd. Misc. Target Issues

In 1918, ELEY BROS. LTD, KING'S NORTON, KYNOCH, and BIRMINGHAM METALS & MUNITIONS Co. were merged together to form NOBEL INDUSTRIES LTD. During the first years of the merger boxes tended to maintain some identification of the former independent operations.

- S-1 .22 SHORT (TARGET). "SMOKELESS SPECIALLY LOADED FOR INDOOR TARGET SHOOTING". White label with black printing. Light blue-green, two-piece, half-split box. Full wrap-around side label. Raised "K" his on a copper case. Lead bullet.
- L-l .22 LONG (HOLLOW POINT). "SEMI-SMOKELESS". Buff box with blue and red printing. One-piece box with end flaps. "K-17" h/s on a copper case. Lead, hollow point bullet.
- LR-1 .22 LONG RIFLE "SEMI-SMOKELESS". Buff box with black printing One-piece box with end flaps. No h/s on a copper case. Lead bullet. Side reads SPECIALLY LOADED FOR TARGET SHOOTERS.
- LR-2 .22 LONG RIFLE (TARGET). Same asLR-1 except .white label has been added to the top stating TARGET in red ink.
- XX-1 **SAMPLE** 10 round free issue of NOBEL 22 COMPETITIONS. Contents are unknown so it is not clear what was in the box..

## NOBEL INDUSTRIES Ltd. Military Issues

LR-1 LR-2





# NOBEL INDUSTRIES Ltd. Military Issues

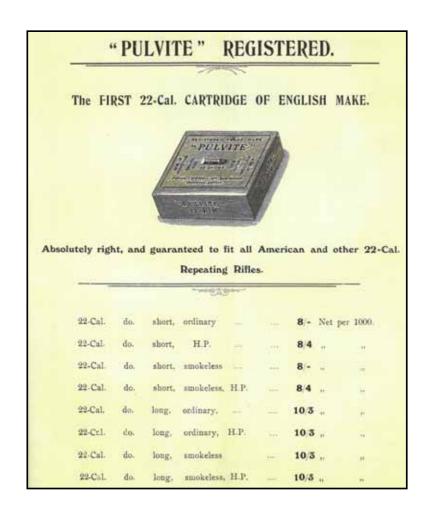
- LR-1 .22 LONG RIFLE. ".22 inch MARK I SMOKELESS". White label box of 100. No other info available
- LR-2 **.2 LONG RIFLE.**".22 inch R.P., No. 1 SMOKELESS". White label with blue printing. Buff, two-piece, full cover box. Full wrap-around end label. "K" h/s on a copper case.

#### **PULVITE**

S-1 S-2







#### **PULVITE**

The name "Pulvite" was registered as a trademark for .22 rimfire cartridges by Martin Pulverman of London. Pulvite certainly sounds like it could be the name of a powder of that era.

Martin Pulverman was of German origin, and as you probably know "Pulver" is a German word for powder, and a lot of powders of that period end with the letters "ite". However, I can find no mention of "Pulvite" as a powder in the literature of that time. So I guess this is only a coincidence.

Martin Pulverman & Co. also sold air gun slugs under the trade name of "Arrite." I do not believe that Pulverman actually made any ammunition themselves. They were only one retailer. Their catalogs state that they are "Arms and Ammunition Merchants and Agents." It is not known who made the ammo for them, but probably either Eley or Kynoch?

I have not seen any other boxes than the .22 short that you picture, although the catalog lists others and the catalog illustration shows a different square shaped 100 round box. Little else is known about this short lived company, other than the circa 1905 catalog that I have.

#### Box and description courtesy Jim Buchanan

- S-1 .22 SHORT.. "PULVITE". Buff two-piece, half-split box . Orange label with black printing. Orange side sealing band Contents unknown.
- S-2 ...**22 SHORT**.. "PULVITE". Buff two-piece, half-split box . Red label with black printing. Orange side sealing band Contents unknown.

#### **R.W.S. IMPORTS**

**S-1** 



**S-2** 



LR-1



LR-2



#### R.W.S. IMPORTS

The Society or Miniature Riffle Clubs was an organization much like the N.R.A. of the U.S.A. except it was interested primarily in target shooting with the .22 rifle. It had a very large membership. They contracted with R.W.S. of Germany to produce special loadings for them. These boxes were produced in the 1930s.

- S-1 .22 SHORT . "SMOKELESS". Orange-pink label with black printing. Box of 100. Two-piece box with a slip in tray. Contents are unknown.
- S-2 **.22 SHORT**. "BLACK POWDER". Blue-pink label with black printing. Box of 100. Two-piece box with a slip in tray. Contents are unknown.
- LR-1 .22 LONG RIFLE. Pink label with black printing. Box of 100. Two-piece box with a slip in tray. Contents are unknown.
- LR-2 .22 LONG RIFLE ."BLACK POWDER". Blue label with black printing. Box of 100. Two-piece box with a slip in tray. Contents are unknown.

# **ROYAL LABORATORY**

LR-1



LR-2



#### **ROYAL LABORATORY**

The ROYAL LABORATORY produced .22s prior to WW I. Exact dates are unknown.

- LR-1 **.22 LONG RIFLE.** ".22 INCH R.F. No. 1 SMOKELESS". Box of 100. White label with red printing. Kraft, two-piece, full cover box. "RL-1" h/s on a copper case. Lead bullet w/3k.
- LR-1 **.22 LONG RIFLE.** ".22 INCH R.F. No. 1 SMOKELESS". Same as LR-1 except the arrow symbol between the R and L is larger.





The three variants of the military Mk.1. Rimfire. Kynoch - Eley - and R.L. (Royal Laboratories) Woolwich Arsenal.

# **SUSSEX ARMOURY**

**S-1** 





### **SUSSEX ARMOURY**

Who is Sussex Armoury? This can was produced by Fiocchi of Italy and imported into England during the 1970s. No other data is available at this time.

SB-1 **.22 SHORT BLANKS.** "SUSSEX ARMORY". Jackal Brand starter blanks mode under contract by Fiocchi. Tin and white plastic two-piece half-split can. "1-12" h/s on rose-crimped brass case. (1980)



#### **WEBLEY**

**S-1** 

TARGET LAUNCHER

WESLEY & SCOTT LTD... PARK LANE
HANDSWORTH, RESHINGHAN 21, ENGLAND

**S-2** 



**S-3** 



**S-4** 



#### **WEBLEY**

- S-1 **.22 SHORT BLANK.** "WEBLEY TARGET LAUNCHER". White box with red printing. One-piece box with end flaps. "E" h/s Rose-crimped case.
- S-2 .22 SHORT BLANK. "WEBLEY TARGET LAUNCHER". Same as S-1 but different top format.
- S-3 .22 SHORT BLANK. "WEBLEY TARGET LAUNCHER". White box with red printing. One-piece box with end flaps. "E" h/s Rose-crimped case.
- S-4 .22 SHORT BLANK. "WEBLEY N0.1 SALOON BLANK". 100rd. Round tin with orange label with black printing

# **Export to France**

LR-2





LR-3





# **Export to France**

Made in England for export to France

LR-2 .22 LONG RIFLE. "FOB PISTOL MATCH". Black box with silver, white, yellow and orange printing. Large, one-piece box with end flaps. No product code. Contents are unknown.



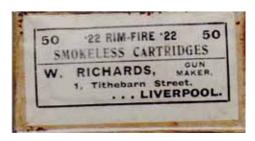
LR-3 .22 LONG RIFLE. "FOB RIFLE MATCH". Green box with silver, white, yellow and orange printing. Large, one-piece box with end flaps. No product code. Contents are unknown.



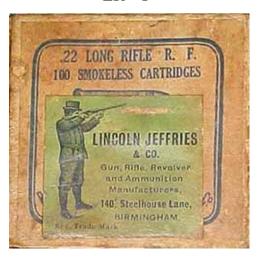


# **Misc Boxes with Gunshop Over-labels**

**S-2** 



LR—1







## **Misc Boxes with Gunshop Over-labels**

Collection of imported and English boxes with Gunsop and ammunition distributors over labels.

S-2 .22 SHORT. "SMOKELESS". Buff two-piece, half-split box. White store over-label from W. Richards in Liverpool. Yellow side band with black printing. Manufacturer and contents unknown. Box is sealed but believed to be Eley.



LR-1 .22 LONG RIFLE. "REMINGTON/UMC SMOKELESS". 100 rd. buff box with buff label Probably a USA REM-2-LR-10.1. Green over-label stating Lincoln Jefferies & Co, Birmingham. Contents unknown.

### **UNCLASSIFIED MISC.**

**BB-1** 



**BB-3** 



L-1



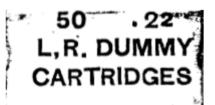
**BB-2** 



**S-1** 



LR-1



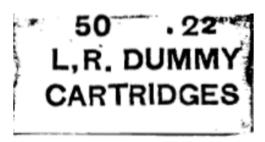
#### **UNCLASSIFIED MISC.**

These are items that are English, but the exact manufacturer is unknown at this time.

- BB-1 .22 B.B. CAPS (BLANK). "SHAMROCK BRAND". Green label with black printing. Tin, two-piece, half-split can. "SHAMROCK" h/s on a rose crimped copper case.
- BB-2 .22 B.B. CAPS. "MIDLAND GUN CLUB". Green label with black printing. Tin, two-piece, half-split can. Contents unknown..
- BB-3 .22 B.B. CAPS "THE ARMS AND AMMUNITION COMPANY". Red label with black printing. Tin, two-piece, half-split can. Contents unknown. Made in France
- S-1 **.22 SHORT (DUMMY).** Buff box with blue printing. One-piece box with end flaps. No h/s on a nickel washed brass case, with a hole in the base.
- L-1 **.22 LONG (BLANK).** Yellow label with black printing. Black, two-piece, half-split can. A special "E" h/s on a nickel washed brass case. Blue tip, wax sealed. A possible military loading by I.M.I.
- LR-1 .22 LONG RIFLE (DUMMY). Same as S-1 except long rifles.

#### **UNCLASSIFIED MISC.**

LR-1



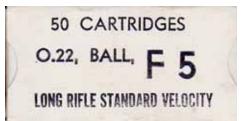
LR-2



LR-3



LR-4



LR-5



#### **UNCLASSIFIED MISC.**

These are items that are English, but the exact manufacturer is unknown at this time.

- LR-1 .22 LONG RIFLE (DUMMY). Same as S-1 except long rifles.
- LR-2 .22 LONG RIFLE. "DISCOVERY". Yellow and black box with white and black printing. Aqua stripe at top. Bottom and tops are the same. Front and back are the same. Contents unknown.





LR-3 .22 LONG RIFLE. "DISCOVERY". Yellow and black box with white and black printing. Aqua stripe at top. Bottom and tops are the same. Front and back are the same. Contents unknown.





- LR-4 .22 LONG RIFLE (STANDARD VELOCITY). "F5". White one-piece box with black printing. Manufacturer unknown. . ICI h/s.
- LR-5 .22 LONG RIFLE (PROOF). White one-piece box with red printing. Manufacturer unknown. Brass case with heads stained red.