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## **Spare parts etc for miner's safety lamps.**

### **Introduction,**

Both the appearance and value of a lamp can be affected by missing or damaged parts. With this in mind, I have put together the following list of items that I can supply to other safety lamp collectors. I can offer you advice on restoring your lamps or I can in some instances, carry out the work for you depending upon my workload at the time.

My stock of spares originated from the complete stock of old and unused obsolete parts and tooling that I obtained from The Protector Lamp & Lighting Co Ltd. I have since then, gone on to have other tools made to enable me to produce various parts for other makes. I am basically a miners lamp collector, lamp restoration is also part of that hobby. This is not a business and any money generated from parts goes towards buying more lamps for my collection or tools to make more parts.

**It is important to note that my parts are not approved for any underground situation and are only intended as replacements for use on obsolete non-working lamps.**

**Postage is extra on all orders.**

### **Nameplates.**

I can supply a range of nameplates which are stamped out for me by some of the original nameplate manufacturers using a mixture of old tooling where it has survived and new tooling that I have had reproduced. All of the tools belong to me to ensure a continuity of supply for the future.

1. **Ackroyd & Best Ltd., Leeds.** This is the normal circular brass plate similar to the 01 types but without any model number.
2. **Ackroyd & Best Ltd., Leeds.** Same as above but in copper, for use on the aluminium lamps.
3. **W. E. Teale & Co Ltd., Swinton, Lancs.** An oval brass plate suitable for most of their lamps. The model number is left out and can be stamped in with hand stamps – I

can do this for you if you wish.

4. **Patterson & Co. Newcastle-on-Tyne.** The usual heavy duty oval brass plate with a plain centre.
5. **Patterson Lamps Ltd., Gateshead-on-Tyne.** As above.
6. **John Mills & Sons Ltd., Newcastle-on-Tyne.** An oval brass plate as used on the JMS 1 & 2.
7. **John Davis & Son (Derby) Ltd.,** For type No 2 an oval brass plate as used on the side of the bonnet.
8. **John Davis & Son (Derby) Ltd.,** For type No 2A. A round brass plate for fitting to the bonnet top crown.
9. **John Davis & Son (Derby)Ltd.,** A round brass plate for both types of Dwarf lamps for fitting to the bonnet top crown.
10. **J. H. Naylor. Ltd., Wigan.** This is the rectangular shaped acid etched plate with the shaped ends. Brass with black infill.
11. **Abbott Roby Naylor, Bifold Burner Lamp Co.** This is the oval brass plate used by J.H.Naylor on some of their Bifold burner lamps.
12. **E.Thomas & Williams Ltd.,** Type G2. A slim oval brass plate as used on their version of the Garforth lamp.
13. **E.Thomas & Williams Ltd.,** A small oval brass plate as used on some of their early bonneted No 1 type lamps. Not many of these left.
14. **E.Thomas & Williams Ltd.,** The larger oval plate used on later No 1 and No 9 lamps and all of the variations. I can supply this in brass and aluminium while stocks last.
15. **Ackroyd & Best Ltd., Leeds.** This is the oval plate used on lamps prior to the 01 types and I can supply it in both brass and aluminium.
16. **Protector Lamp & Lighting Co Ltd.,** Type MC40. This is the normal size of brass plate but is for the 1940 lamp produced for Manchester Collieries Ltd.
17. **Protector Lamp & Lighting Co Ltd.,** Type CT33A. This is the plate for the high candle power lamp and I can supply it in brass and also aluminium.

**All of the above mentioned nameplates are priced at £3-50 each plus postage.**

**17(A) Protector Lamp & Lighting Co Ltd.,** I can supply the normal brass plates for the following models **Type SL, Type 6RS, Type GR6S, Type 6, and Type JCM1.**

**All of these Protector plates are priced at £2 each.**

18. **Bests Gauzeless Lamp Co Ltd., Leeds.** This is the large oval brass plate as used on lamps with either steel or aluminium bonnets. **These are £8 each.**
19. **Bests Gauzeless lamp Co Ltd., Leeds.** The rectangular wrap around brass nameplate that is used on most of these lamps. **£12 each.**
20. **Naylor, Spiralarm Type 'M'.** This is the oval brass plate with the black background. Same tools & same manufacturer! **£4-50 each.**
21. **Naylor, Spiralarm Type 'S'.** The type 'S' is the one with the longer red glass. **£4-50 each.**
22. **Hailwood & Ackroyd, High Candle Power, Lamp No1.** Sausage shaped label in aluminium with a black background. **£5 each.**

- 23. Hailwood & Ackroyd, High Candle Power, Lamp No1.** A similar sausage shaped label which reads 'Approved Under Lighting Schedule'. **£5 each.**
- 24. Hailwood & Ackroyd, High Candle Power. Lamp No1.** As above but reading 'Approved Under Lighting Schedule A'. **£5 each.**
- 25. Hailwood & Ackroyd, High Candle Power.** A smaller and slimmer etched aluminium label as used on the type ADC4 and reading 'Approved Under Lighting Schedule A'. **£5 each.**
- 26. E.Thomas & Williams Ltd.** a few original small labels for their K2 lamp. I think that this is an electric lamp. **£4 each.**
- 27. E.Thomas & Williams. Midget.** This is the long narrow oval brass plate with the word Midget hand stamped as per the originals. The original tools are now a bit worn but the plate probably looks more like the original as a result of this. The plate may be slightly longer than some but if this is the case it only means that you have to drill one extra hole. **£4-50 each.**
- 28. E.Thomas & Williams.** Long narrow oval brass plate same as above but without the word Midget. This plate was used on some of their 1940's - 60's safety lamps. No model number. **£4 each**
- 29. Bests Safety Lamp Co Ltd.,** Oval brass plate for 'Excelsior No 1' **£3-75 each**
- 30. Bests Safety Lamp Co Ltd.,** Oval brass plate for 'Excelsior No 2' **£3-75 each**

**Rivets for nameplates.** I can supply 3/32 inch or 1/8<sup>th</sup> inch rivets or a mixture of both, at a price of **£2-50 for 50.**

## **Metal Chimnies or Combustion Tubes for HCP lamps..**

**E.Thomas & Williams Ltd., for Type No 4.** This is a straight tubular chimney with three clips to hold the inner glass. **£20. Each.**

**Protector HCP types CT33 & CT33A.** a hand-made tapered metal chimney **£18 each.**

**Hailwood & Ackroyd.** Metal chimney for **HCP Lamp No1.** This is a devil to make as it is one of the floating chimnies hence the price of **£35.** If you think that's too much then try making one!

**Hailwood & Ackroyd.** Metal chimney for **HCP Type ADC 4.** Another of the floating types **£35.** Again, try making one!

**Hailwood & Ackroyd.** Metal chimney for **HCP Type WB2.** This one has a bigger diameter inner glass which is held in place with a bayonet fitting nut against three flat springs. **£37.**

**Davis of Derby.** Metal chimnies for any of their lamps with a 63mm diam outer glass. This is the chimney with the screw cup for taking the glass. **£25.**

**Patterson H.C.P.9.** This chimney is for the last Patterson HCP lamp with the glass suspended from it. **£25.**

**Bests Gauzeless** inner steel tube complete with outer coil spring. **£20.**

See glass section for inner glasses.

## **Outer Glasses.**

**some unused old and some new. All sizes in mm's**

**Standard Protector size 58 x 59. £6 each or £25 for 5.** These fit many other lamps.

**Genuine old glasses from Protector**, size as above, with part silvered reflector for surveyors and officials, Limited stock and not repeatable **£18 Each.**

**Dark green glasses, again genuine old Protector stock.** Probably used by surveyors or for signaling. Limited stock and not repeatable. **£18 each.**

**Protector size glasses with white enamelled part reflector. £12 each.**

**Genuine Ruby glasses for J.H.Naylor 'Spiralarm' type M.** Limited stock. **£10 each.**

**Genuine Ruby glasses for " " " S " " £18 each.**

**Genuine old outer glasses for Protector CT33 & CT33A HCP lamps.** size 63 x 70. Limited stock. **£8-50 each.**

**57 x 67** a glass used by many manufacturers. These have been produced with the size and the logo 'MP'. **£8 each or £35 for 5.**

**Ackroyd & Best or Hailwood glasses** size 56 x 63 and 56 x 67 all **£6.**

**Stanley disaster lamp glasses £4-50.**

**Patterson HCP outer glasses 65 x 76. £8 each.**

**Bests Gauzeless outer glasses 57 x 77. £8 each.**

**Baby Wolf size marked on glass 43 x 41 with 'MP' logo. £8 each. (out of stock)**

**Baby Wolf size glasses but unmarked. £5 each.**

**E.Thomas & Williams Midget glasses** the same as for Baby Wolf. **£8 each. (out of stock)**

**E.Thomas & Williams Midget glasses** but unmarked. **£5 each.**

**E.Thomas & Williams Type M3.** size marked as for Baby Wolf. **£8 each. (out of stock)**

**E.Thomas & Williams Type M3.** but unmarked. **£5 each.**

**Clanny type glasses** in the normal size of 62 x 60. (I know the size is 63 x 60 but this diameter isn't available) **£7 each.**

**Clanny type glasses** in the size 65 x 60. **£7 each.**

**60 x 60 glasses** for many different lamps **£5-50.**

**Thorneburry outer glasses** as used by Protector, Teale and Baxendale. 70 x 62. **£8 each.**

**E.Thomas & Williams No4 outer glasses** 62 x 66. **£7 each.**

**Ashworth, Hepplewhite, Grey,** hand made small conical glasses that look very genuine. **£24 each.**

**Bainbridge** hand made tapered glasses **£28 each.**

**Early Stephenson** hand made glasses in two lengths and with a taper at one end. Both are **£30 each.**

**All quoted sizes are approximate and as near as possible to the originals.**

## **Inner Glasses.**

**Genuine old glasses** for Protector HCP lamps Type CT33 & CT33A. flanged at one end. **£5 each.**

" " " " Davis Derby lamps. (very limited stock) **£6 each.**

**E.T&W No4** with locating groove. **£16 each.**

**A&B or Hailwood** type 01B small straight glass **£4 each.**

**Naylor HCP lamps** this glass fits both types. **£12 each** (yes I know! but they are all hand made!)

**Hailwood ADC4.** old glasses limited stock. **£5 each.**

**Hailwood ADC3.** glasses **£5 each.**

**Hailwood No1.** glasses **£12 each.**

**Hailwood WB2.** glasses **£12 each.**

**Bests Gauzeless.** glasses **£4-50 each.**

**Thorneburry** glasses size 50 x 62. as used by Protector, Teale and Baxendale. **£5-50 each.**

**Patterson HCP** long glass with a bulged section and captive brass nut for fixing to burner dome. **£18 each.**

" " long straight glass flanged at one end and without nut. ( Don't panic if you've lost your nut as these are available separately) Straight glasses are **£9 each.**

**Patterson HCP 9,** the last Patterson HCP lamp with the 'beehive' bonnet. This is the short glass suspended from the combustion tube. **£9 each.**

## **Bonnets.**

**I can make the following bonnets but I don't always have stock available 'off the shelf' as I only make small batches at a time to prevent boredom.**

**Patterson HCP.** I make the normal corugated type and can supply them in 'aged' steel for **£22 each** or in polished brass for **£24.**

**Richard Johnson, Clapham & Morris, (JCM)** I make a 'slide-off' bonnet for their type No4 and again I 'age' the steel to blend in with these old lamps. The price is **£20 each** or **£22** for the same thing in brass. I can also supply this type in polished aluminium for **£20.**

**E.T&W Type No 15** bonnets, similar to the above. Aged steel **£22 each.** Why £2 more? There's more slots, that's why! Brass would be **£24.**

**J.H.Naylor.** A similar lamp again but without the extra holes so yes it is **£20 each** for 'aged' steel.

**Protector & JCM** type lamps with the wide tapered middle ring, not such a long bonnet but more of a fiddle to make **£25 each.**

**Protector & JCM** lamps with the bell shaped middle ring, it looks cylindrical but in fact is slightly tapered **£25 each** for 'aged' steel.

**JCM** short stubby bonnet for the officials lamp with the wide tapered middle ring. **£25 each.**

**W.E.Teale, Meyers patent louvre bonnet.** A pair of inner and outer for **£125 the two.** (only a few sets left and I won't be making any more because of the time it takes me - there's better things to do in life!)

**Protector, new, stainless steel, for Type 6, SL and GR6S.** **£22 each.**

**Protector,** mild steel bonnets with inner copper tube and deflector for type 6RS. **£24.**

**Protector, old used** bonnets with a badge of your choice but remember these bonnets have seen service and are not perfect. **£18 each.**

## **Gauzes.**

**Protector.** genuine pair of gauzes which will also fit some other makes of lamps. **£20 pair** or Outer only **£14**, inner only **£10 each.** (not always available)

**E.T&W Midget** gauzes Pair. **£30.**

**Baby Wolf** gauzes. Pair. **£29.**

**Patterson HCP.** single gauze, not exact but completes the lamp **£19.**

**Protector Davy** gauzes. **£18 each.** The same gauze in copper **£20.**

**Abbot, for their Routledge & Johnson lamps.** Inner gauze only **£25.**

**Other gauzes are possible, if I'm having a good day, please ask.**

## **BESTS GAUZELESS.**

I make the following inner parts for these lamps.

**Inner metal chimney** see combustion tube section.

**Outer perforated air filter.** **£26 each.**

**Perforated burner domes** with glass cup for inner glass. **£17 each.**

## **PATTERSON HCP.**

See Bonnet, Gauze & Glass sections. Plus the following items.

**Brass nuts** for fixing the straight glass chimnies are available at **£5-50 each.**

**Patterson HCP burner covers.** The part with the perforated body to which the chimney is fixed, very similar to the originals **£17.**

I can make the round insulator for the underside of the vessel for the electric ignition system **£2 each plus post.**

If the complete ignition system is missing then I may be able to rebuild it for you, please ask.

## **ASSORTED PARTS.**

**Brass eyelets** for top of bonnet **£3 each.**

**Steel eyelets.** **£2-50 each.**

**Brass hooks.** **£4 each.**

**Steel hooks.** **£3-50 each.**

**Cast brass eyelets, as rough castings for you to file & polish.** **£3 each.**

" " ". **filed and polished.** **£7 each.**

**Hasp, staple & rivet set ( for JCM's with the sliding ring.)** These are the genuine left-over stock and are hot brass stampings so they need minimal filing and polishing **£5 set. or polished £8.**

**Brass strip** for you to make a sliding band **£2-50 each**. You need to be able to bend the ends and drill the holes for the rivet.

**E.T&W. long hasp & staple set** consisting of hasp, staple and 'U' link to go around bar. As cast **£10 set or £14 set polished**.

**Base plate** a heavy duty pressed brass base originally made for Protectors JCM1. Not pierced for wick adjuster so can be used on any lamp that takes a 75mm baseplate. **£2 each**.

**Protector SL base plates £2 each.**

**E.T&W.** brass base plates, 84mm diam, could also be used on some Davis or Derby lamps. **£4.**

**Jos Cooke of B'ham** base plates in steel, not pierced for wick adjuster. **£4.**

**Burners**, round & flat wick types with various diameter base plates. From **£5 upwards**. Please give details of what is required for an exact quote.

**Steel Gauze.** 30cm x 30cm. **£8. each.**

**Spring handles** for operating flint ignition systems on Wolf 7RMBS and GFS, E.T&W No4 gas tester and G2 **£4 each.**

**Spring handles** for Baby Wolf, E.T&W Midget and Davis Dwarf. **£4 each.**

**Baby Wolf.** spoon shaped spark guard to slide onto burner tube. **£6-50 each.**

**Protector MC40** bakelite glass cups **£5 each.**

**Protector HCP type CT33 & CT33A** burner domes. **£16 each.**

**Porcelain insulators** these are the genuine insulators used on many electrically lit lamps. **£3-50 each.**

## **PROTECTOR SPARES.**

**I can supply almost anything for the later types of Protectors ie Type 6, BL, SL, JCM1, 1A, 6RS, and the GR6S. Please ask.**

## **LAMPS.**

**Protector 1/2 size lamps.** These were originally made for a colliery manager as a car bonnet motif in 1947. Protector continued to make them until 1999 when I acquired all of the remaining parts and tools. These are none working decorative items often used as presentation lamps and they are fitted with glasses bearing the logo **Protector Centenary 1873 - 1973**. The lamp is available all brass or with stainless bonnet and the cost **£40 each**. Only available while the stock of parts last, I will not be making any more.

**Protector Type MC40** an all brass lamp made from the remaining obsolete parts from the factory. Supplied in polished brass and in mint condition **£75 each**.

**Protector Type JCM1.** again made from the remaining obsolete parts from the factory and available in polished brass as above for **£75 each**.

**Not many available so if you want one order it today.**

**Old lamps** I usually have some old restored lamps for swaps or sale, please ask.

## OTHER ITEMS.

**Flame cards.** A genuine Protector issue showing the flame heights and percentages. **£2 each.**

**Protector spares booklets** for the now obsolete Type 6 and SL. Well illustrated with photographs and line drawings. All parts are named **£5 each.**

**Protector Letter knives.** Used many years ago as a promotional gift by the factory. Fully marked on the handle with Protectors name. They are brass throughout and the blade measures 4 inches on one side and 10 cm's on the other. **£9 each.**

I have other parts but not in sufficient quantities to list. Please ask, I will help if I can.

**Remember.**

**Postage is extra on all items and is dictated by the parcel weight.**