



Book Review nr 27

At a recent club night I was handed an A4 soft backed promotional brochure "The Exhaust Steam Injector-Class H-Metcalf's Patents" with a date received stamp of Beyer Peacock & Co dated 30 SEP 1929.

The brochure runs to 35 pages and is published by Davies & Metcalfe Ltd of Manchester.

The Class H Exhaust Steam Injector is a feed water heater utilising exhaust steam from the cylinders to heat the feed water. They claim it saves 8 to 12% in water and coal and is a considerable improvement on all former types.

There are 13 coloured detailed drawings, not dimensioned, and one large fold out drawing showing fixing and working instructions along with a table showing the pipe sizes and capacities per hour in gallons depending on the injector size selected.

Construction details and comprehensive details of what is happening at various stages of its operation are covered by much of the brochure. As you would expect there is a page dedicated to maintenance.

This appears quite a concise guide to the operation of an advanced development of the essential heart of the steam locomotive. It's easy to fill the fire box full of coal, but without water going into the boiler you won't get far.

Perhaps hand and axle pumps are more affected on models.

This book will be available to peruse at the next club night.

Note.....It is quite delicate!

If you want to borrow this, or any book in the library, please contact me.

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Remember we would welcome members' views on any books they borrow.

Clive Reynolds May 2024