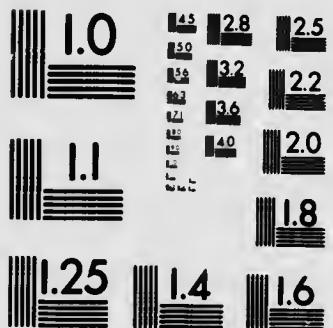
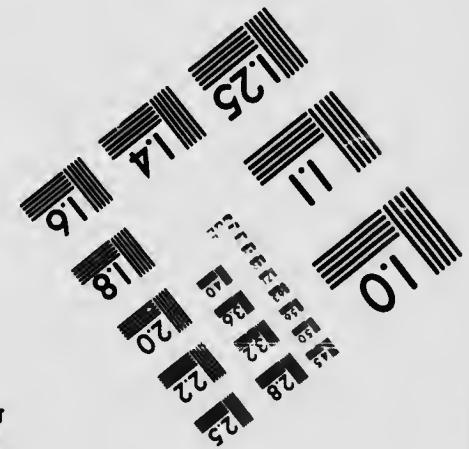


IMAGE EVALUATION TEST TARGET (MT-3)



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A. D. COLQUHOUN
Boiler Cleanser Company

ST. MARYS, ONT.

It Works
While
You Sleep.

Represented by

A Few Words to Steam Users

Regarding Scale in Boilers, and the Remedy.

No person knows better the extra amount of fuel required between a badly scaled boiler and a clean one than a fireman who has changed from a clean boiler to a dirty one. Experts claim that $1/16$ of an inch of scale causes a loss of 12% of heat, and $\frac{1}{2}$ of an inch 40%, and with thicker scale it is still worse. Added to this, the scale separates the plate at the bottom of the boiler from the cooling influence of the water, and the very high temperatures produced causes blistering of the iron, loosening of the rivets, and burning out of the boiler bottom; causing both expense and loss of time, and in many cases explosions and loss of life. These are very serious blemishes on the fair fame of our steam boilers, but it has already been proved to the satisfaction of many steam users (a few of whose testimony is herewith given) that with our *Cleanser* these difficulties can be overcome—not partially, as some boiler compound manufacturers claim—but completely. No matter how thick the scale, we can remove it, and in the case of a new boiler scale will never form if our *Cleanser* is used according to directions. We positively guarantee that it contains no harmful ingredients of any kind, and prevents pitting and corrosion both of boilers and fittings. Many other compounds induce foaming—with our *Cleanser* it has never been known to occur.

It must not be thought that irregular use, both as to time and quantity, will produce results. It will not. An engine oiled one day, and not the next, will soon be on the junk pile. No greater item of expense finds its way into the office books than that caused by a dirty boiler. A clean boiler producing maximum power at a minimum expense is only secured by careful attention to inside conditions. The time required to remove all scale from a boiler is usually from two to three months, according to quality of water used.

Testimonials.

• •

UNEQUALLED BY ANYTHING.

St. Marys, March 7th, 1906.

After submitting your boiler *Cleanser* to a most severe test, we find it to be unequalled by anything in our experience for removing scale and for preserving the boilers in a good, healthy condition. When we first commenced using your *Cleanser*, three years ago, our old boiler had in some places scale half an inch in thickness, and a heavy coating over the tubes, due to the water we are using, containing a heavy deposit of lime. We also find that it does not injure the brasses in any way, causing them to leak or pit the steel, as other articles we have used have done. After using other compounds and purges, we have no hesitation in recommending your *Cleanser* as the best we have used.

Wishing you every success,

We are, yours truly,

THE HORSE SHOE QUARRY CO., LIMITED.

SAVED ONE CORD OF WOOD PER DAY.

Granton, April 16th, 1906.

DEAR SIR,—This is to certify that I have used your *Cleanser* in my 40 and 80 horse-power boilers, which were heavily scaled; in fact, I used a rapping machine on my small boiler, which took off about 300 lbs. of scale from the flues only, and it loosened nearly all of them. But since using your *Cleanser* it has removed all scale from the shell, heads and flues, without any harm to boilers or fittings. My experience with other compounds was very unsatisfactory, as they all injured the boilers. And I also wish to state that since using your *Cleanser* I am saving in fuel about one cord of wood per day.

Yours truly,

ABNER LANGFORD.

Testimonials.



IT DON'T FOAM NOW.

St. Marys, Feb. 12th, 1907.

This is to certify that I have been using your *Cleanser* during the past season, and it has given the very best of satisfaction. It brought off the scale so fast that I had to clean out the boiler every week for a few weeks after first using it. I have tried other compounds, and they made my boiler foam so bad I had to quit their use. With your *Cleanser* I have not seen the slightest indications of foaming. I wish also to say it is a great fuel saver and boiler preserver.

JOHN WOOD.

HIGHLY RECOMMENDS IT.

Granton, Feb. 13.

Having used your boiler *Cleanser* in my traction engine during the past season, I can highly recommend it to all steam users, as it has given me the best of satisfaction. I find by experience that your *Cleanser*, when used regularly and at short intervals, say every two weeks on the start, gives much better satisfaction than by irregular use, and can highly recommend it to all steam users.

ROBERT KNOWLES.

GOOD ADVICE.

This is to certify that I have been engineer for Mr. A. Langford for the past five years, and can highly recommend the A. D. Colquhoun boiler *Cleanser*. Since using the same the work of firing has been practically cut in two, in fact we are using one cord of wood less per day since using this *Cleanser*. My advice to any steam user troubled with scale is use this *Cleanser*.

EDGAR LANGFORD.

