

Welding and Riveting.

To the Editor of The New York Times:

THE TIMES'S correspondent who claims that welded structures are not so strong as riveted evidently does not know that the strongest and safest high-pressure steel tanks used in cracking oil are welded, and are much stronger not only when new but after long use. There is no oxidization of the contacting surfaces, as a suitable flux prevents this.

Outside of the question of noise, percussion riveting has the great disadvantages that often the holes "come blind"; also, that there is no means of knowing whether or not the rivet fills the holes. Hydraulic riveting, exercising steady pressure instead of making blows, is more apt to fill the holes than either hand or air-gun riveting, but does not prevent false punching and opposition of holes, and is also unpreventive of oxidization.

ROBERT GRIMSHAW.

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