

# HELL MACHINES ARE TOOL PROOF

UNITION WORKERS IN BRITAIN CAREFULLY PROTECTED.

Wonderful Safety Devices in Use for the Protection of Women.

A London writer gives this description of the way English munition workers are protected by "tool-proof" machinery:

The hands of the munition makers busily engaged upon turning out markable rate that has only been

possible by the extraordinary jigs, tools, moulds

and mechanism that have

been introduced in the production of shells the work

essentially of the very finest, and

the occasion of a recent visit to a

munition factory I was

astonished at the marvelous ad-

vances that have been introduced

in the operation of the com-

plex machinery, and to enable in-

such a high standard and pre-

cision as would previously have

been the most expert workmanship

of the work is, of course, re-

lied upon the tool-setter, who

uses his actual work but also for

the ingenious combination gauges,

diameter and length, by

which it not only "tool-proof"

in the sense of the word, which

is without fear of damage to the

machine, but absolutely safe to the

Fingers Protected.

It has become essential since

the introduction of female labor, to

protect untrained hands and

for familiarity with dangerous

tools to safeguard against any

harm of the hand or dress of

munition being caught by the

wheels:

A machine I saw for folding car-

cases was entirely protected by

the wire gauze, which rendered

an absolute impossibility

of splitting the case,

another for splitting the car-

case was entirely

protected by either simple

or gauges or skilfully concec-

ted as known as "go" or "no go."

By means which merely

requires the passing of the instru-

ment along a tool so con-

veniently to measure each

portion the sheathed vari-

able thousandths part of

in diameter or height or any

so imminently apparent from

that it will or will not "go."

method I saw a young girl

over 200 pounds shell cases

interiorized in the hands of a

man would take perhaps ten

minutes of time.

Aid Women Workers:

Drilling machines also the

coinciner has adopted tools

using the necessary parts so

as to allow its insertion

the right way. The

drills in this manner abso-

luted and the drilling and

are necessary accurate

introduction of female labor

making up of wooden cases

pitching the finished shells

the incinerator theory of wo-

manship to use a hammer

courting serious injury to

hands and fingers, and no doubt

the same fallacy that has been

done for the ingenious tools

by girls-tools that obvi-

ously the mists escaping

in their intended position. A they

offered less hazard, restand

to the carrying banner, than

of the munitione would

be.

ors for Indian Soldiers:

helmets, the Vicerey of

decorated nearly

men non-commissioned offi-

ceres with decorations and

in various theatres of the

ceremony, which was of a

very impressive character,

to the grounds of the Vice-

roy in Simla, in the presence

of the minister-in-chief, the head-

staff and a large general

quarters.

ers Wear Wooden Shoes:

French, English, Russian and

soldiers in the German prison

in the future, have to wear

leather, Leather has become

and can hardly be ob-

ligated to cover the

German army. Two

airs of wooden shoes have

been issued by the army administra-

tion German and Dutch factories.

## FROM OLD SCOTLAND

NOTES OF INTEREST FROM HER BANKS AND BRAES.

What is Going On in the Highlands and Lowlands of Auld Scotia.

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