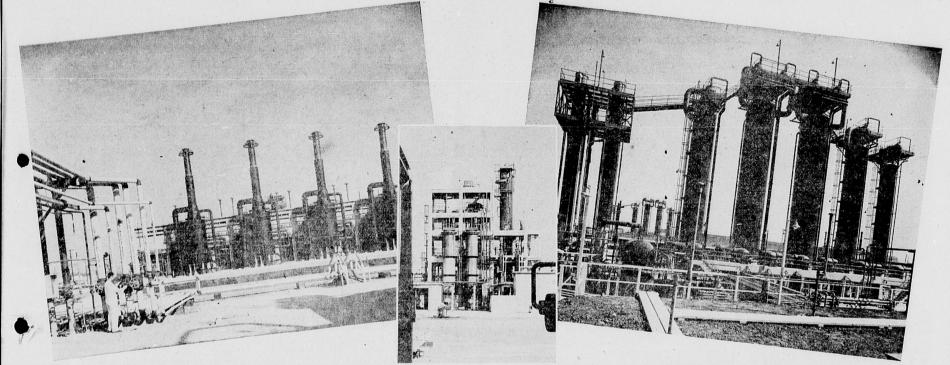
# Dow Chemical Has Benefit of 90 Years' Experimentation



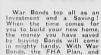
ETHYL BENZENE DEHYDROGENATION . . . unit of Dow Chemical Company at Torrance. Ethyl benzene is passed through these huge furnaces where part of it is decomposed into styrene. The part that is not decomposed is sent through the furnace again.

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MAKES ETHYL BENZENE . . . In this Torrance unit of Dow Chemical, ethyl benzene is made from benzol and ethylene. Later, ethyl benzene is piped to another Dow unit where it is converted into styrene, one of the ingredients from which synthetic rubber is made.



STYRENE FINISHING UNIT . . . at the Dow Chemical plant at Torrance. These towers separate the finished styrene from a liquid mixture of styrene, tars and other hydrocarbons. The styrene is piped to the rubber companies nearby—most of the remaining hydrocarbons are piped back to earlier stages in the process ultimately to make more styrene.

TORRANCE THE SYNTHETIC RUBBER CAPITAL OF THE WEST

Now It Can Be Told!

In the midst of war and the building of things of war in Torrance . . . the coming of this great, new industry to Torrance was not properly evaluated.

But now it can be told! We people of Torrance can picture for the first time just what this great Synthetic Rubber Industry means to this city . . . and to this industry and every worker in it, we say: "WELCOME!"

We welcome you not only as fellow citizens . . . but as vitally important soldiers of victory . . . for we needed, we had to have rubber, and plenty of it to carry our fight to the enemy!

And in the peace, you will make America independent of foreign rubber sources . . . so we are happy and proud that today and in the days to come Torrance will be known as the Rubber Capital of the West!

