## Airframe Parts Of All Varieties Made at Longren



# **Concrete Sawing** Originated Here

One of the important industrial aftermaths of World r II—concrete sawing—originated in Torrance, Calif. In

Both words come from the Latin root. "competere." which means "to seek." The word "competent." which describes respected businessmen and cractismen alike, comes from the Latin "competens," which means "to strive after together, to be qualified."

When freshly poured concrete when freshly poured concrete in the sup and dries, a shrinkage occurs and the slab cracks. In or der to control location of concrete sawing cracking, a plane of weakness, or cracking, a plane of weakness. The planes of weakness, or cracking, a plane of weakness of weakness, or cracking, a plane of weakness. The planes of weakness, or cracking, a plane of weakness or weakness, or cracking.

WHATE-Oncrete sawing—Uriginateum to this ways, airports, and other large areas of poured concrete, the process was developed to control cracking.

When freshly poured concrete in process was developed to control cracking.

When freshly poured concrete when freshly poured concrete, must be installed. Before the crigination of concrete sawing characteristics of the planes of weakness, or cracking, a plane of weakness. Or cracking.

WHEN Freshly poured concrete when freshly poured concrete, must be installed. Before the crigination of concrete sawing characteristics of the planes of weakness, or cracking, a plane of weakness. In process was developed to control cracking.

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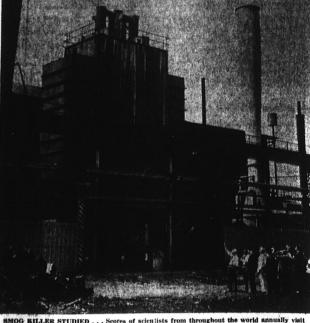
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SMOG KILLER STUDIED . . . Scores of scientists from throughout the world annually visit the Torrance Works of the Columbia-Geneva Steel Division of United States Steel Corporation, to inspect the four large electrostatic precipitators installed on the outlets of each of the plants four 60-ton open hearth furnaces. Above, C. S. Warner, superintendent of engineering and maintenance, shows visiting Western European scientists stack at the left, whose electrostatic precipitator has been momentarily shut off, allowing yellow pall to creep forth. Installed, in 1851 as the first pollutant-control device of its kind in the world, the precipitators have been operated on a round-the-clock basis since that time. 

# **Western Steel Production** To Continue High—Roach

Western steel production probably will continue high-level operations well into 1955, judging from the present business pattern, according to Alden G. Roach, president of U. S. Steel's Columbia-Geneva and Consolidated Western Steel Divisions. "Prospects for the next several month appear to be favorable." Mr. Roach said.

to control cracking.

must be installed. Before the origination of concrete sawing these planes of weakness, or joints, were fermed by various hand methods. trowled approximately is inch to \$i. inches approximately 12 to 14 hours after the concrete heep products and a very bumpy help way.

Now these same joints are sawed approximately 12 to 14 hours after the concrete he as is exceeded a point during the bours after the concrete here as well office the produced is level with the as been poured and before to a line wide.

Bumping Stopped This type of joint eliminates all bumping, and is also desirable because malitenance is Buscess of this project of a diamond whele suitable for forugh, rugged work, and machinary to do the job. Fession of steel diamond whele suitable for steel Diamond whele swere the resistance for forugh, rugged work, igh way slabs are poured in one continuous strip, After a sufficient curing method and such parts. After a sufficient curing method in the state of the parts o

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#### Cable "doctors"—they roll out day or night

unately,thisscene Fortunately, this scene isn't common. Telephone cables can usually be fixed in day-light. But once in a while, on the quiet streets here in town, you'll see cable "doctors" taking care of an emergency, at night. For along with policemen, firemen, and the like, telephone people help keep the night watch while the rest of the community sleeps. Operators, testmen, and





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