

D. & M. INVITES ALL TO OPENING

NEW TORRANCE INDUSTRY HOLDS OPEN HOUSE ALL DAY SATURDAY

Plant Will Be in Operation All Day—Gala Celebration Planned for Saturday Evening

Saturday, October 26th, has been set as the formal opening day of the modern new plant of the D. & M. Machine Works at 2304 Artisano avenue, Torrance, and a day full of interest and an evening full of festivities have been planned by Frank Dalton and his partner, J. W. McQuaid to express their appreciation for the splendid welcome they have received from Torrance citizens and the helpful co-operation they have enjoyed from city officials and civic organizations in the erection of their big new plant in record time.

All day Saturday the public will be welcome to visit the plant and watch the interesting process of making pistons and rods, which are now made by the D. & M. Machine Works in Torrance and shipped to all corners of the globe.

The D. & M. Machine Works plant is a marvel in efficiency. By the development of automatic machinery, the human element has been reduced to a minimum. Precision is the by-word of the plant and everything works like clock work. Let us describe a preliminary visit which the Herald representative was given this week.

As we entered the building on the left front, truck men were unloading steel rods and piston core castings. These are the "raw" products together with rubber, which are the principal materials used in the manufacture of D. & M. patented pistons and rods. They are piled and stacked in such a manner that they can easily be put on conveyors and moved into position for the first operation on the automatic machines. A traveling air crane has been installed in this receiving room, facilitating the handling of the heavy materials.

As we left the receiving room and entered the machine shop, the whirl of a dozen busy lathes, screw machines, punch presses, reamers, turret lathes and other automatic machines made talking difficult; but there was much for the eyes to see. We watched machines turning out rods, attaching collars, boring out rings in piston cores, doing numerous other duties without any apparent attention. We learned later that these machines are almost fully automatic and have been developed and built by the D. & M. mechanics for their special use. The human element has been so completely eliminated that one man can run two screw machines and another man runs four lathes.

To the rear of the automatic machines a corps of mechanics were busy working at repairing and tool making. It is in this department, Mr. Dalton explained, that all the new machinery is developed and built, as well as where the production machinery is repaired and kept in good condition. It is indeed a self-contained shop, working almost independently of the outside world except for the raw materials.

Next we entered the "rubber" room, where girls were weaving strips of rubber onto the metal piston cores. After the rubber threads are

New Addition to Modern Industrial City



Photo by LaPlante.

View of the D. & M. Machine Plant, 2304 Artisano Avenue, Torrance, which was constructed by Torrance contractors in 23 days, winning praises of company officials. The plant will be open for public inspection all day Saturday and Saturday evening.

Standing in the doorway are (left to right): J. W. McQuaid, Frank Dalton, Miss Pearl Glasow, and Miss Artha Bohrer. Miss Glasow is Mr. Dalton's secretary and Miss Bohrer is Miss Glasow's assistant.

wound onto the piston core, they are carefully weighed on scales graduated to one-quarter of an ounce. If the pistons are off-weight, they are corrected then as it would be impossible to do so after they are cooked, Mr. Dalton said.

Next we saw the pistons put into compressor-like ovens and cooked. A multitude of pressure gauges and other official looking doo-dads gave one the impression of being on a locomotive and not knowing what it was all about. Mr. Dalton explained that all these gadgets were invented to control the heat and pressure of the pistons while cooking. Oh, yes, we forgot about the hydraulic press that has a 33 ton pressure. It was all very interesting.

Then we returned to the front of the building where shipping clerks were labeling boxes of pistons and rods to every corner of the continent and globe. We saw one shipment consigned to Maracaibo, Venezuela, another to Sulaman, Belgium, and we were told that a short time before another went to India. Gosh, how we envied those pistons their nice long ride and the sights they will see. We always did want to go to India.

There—that is what we saw at the new D. & M. plant. Maybe you will see a lot more and no doubt you will understand a heap more of what it is all about. The D. & M. staff is extending you a special invitation to come Saturday and see the "works" for yourself. The plant will be in operation all day, and in the evening a gala fun fest has been planned.

It's the D. & M.'s idea of showing their appreciation for the help that Torrance folks have been to them in erecting this fine new plant in record time. Let's all go down and say, "Howdy, Frank and Mac and all the rest."

Some idea of the importance of this new industry to Torrance can

TORRANCE BUILDERS BREAK ALL SPEED RECORDS ON D. & M. JOB.

Local Building Material Firms and Contractors Are Congratulated for Fine Work

P. O. Guy, general contractor, and a group of sub-contractors broke a new speed record for erecting buildings in this section when they completed the fine new plant of the D. & M. Machine Works in Torrance this week.

It took just 23 days from the time the teams began grading the lot preparatory to digging the foundation excavations until the big new structure was completed and the plant on production.

The building is of brick construction 80 feet by 100 feet and is a model of modern industrial construction. All service lines are under the floor, excepting the overhead lights. In addition to the shop departments, the building has a number of offices for the clerical personnel and officials of the company. A private telephone exchange has been installed and booths have been built in the various shop departments for inter-departmental communications. Ample natural sunlight is provided by large steel frame windows and a large amount of air space has been left to insure good ventilation.

In addition to P. O. Guy, the general contractor, those who co-operated in the record-breaking construction were: Torrance Electric Company, electrical fixtures and installation; Torrance Plumbing Company, fixtures and installation; Evans and Clark, cement work; Tom Watson, plastering; Sanders Brothers Roofing Company, roofing, and Linderman & Dueker, brick work.

Material supply companies also helped by furnishing building materials promptly. They were: Torrance Brick Company, brick; Mullin-Hayes Lumber Company, lumber; and International Derrick & Equipment Company, structural steel and window sash.

"On every hand there was a spirit of helpfulness and co-operation," said Frank Dalton and P. O. Guy, who are elated with the record made in constructing the building. "It proves that Torrance has able building facilities and aggressive men in its building trades who can 'put a job over' in an efficient and economical manner."

be gleaned from the fact that they employ over twenty workmen and ten girls, with a monthly payroll of \$5,000.00.

Over 1000 pounds of rubber, a ton of steel, and one and one half tons of cast iron are used each day in the manufacture of D. & M. pistons and rods.

The company recently purchased over an acre of ground across from the glass plant on Artisano avenue, upon which the modern factory was built, and the equipment moved from its former location in Lomita.

TO P. (OOR) O. (LD) GUY And His Crowd

Of Live-Wire, Hard Working Sub-Contractors,

The Torrance City Council,

The Torrance Chamber of Commerce,

And Everybody Else Who Helped Us Erect Our Torrance Plant In Record Time

WE WISH TO THANK YOU ALL!

Open House
All Day
Saturday
October 26

Come and See Us Make Pistons
and Rods

The Splendid Spirit of Helpfulness exhibited by the City Council and the Chamber of Commerce is deeply appreciated; as are the untiring efforts of the men and firms who rushed our plant to completion in such record-breaking time. We are proud to be one of you and want you all to come down Saturday and get better acquainted.

Celebration
Saturday
Night

Everybody Invited to Come and
Have a Good Time

2304 Artisano Ave.
Across from
Glass Plant

D. & M. Machine Works

Torrance
Phone 520