## ONE EVERY

THEEDITOR DISCOVERS HOW S


The molten glass goes into a mould.


Polishing the die castings - the mystery of the plastic cones is solved!
is really appreciated.
But back to our main story - all the assembly benches have special plastic jigs to hold the parts so that not only is it easy to fit lanterns together, but holes for screws are precisely in the right spots, so that a compressed air screwdriver can be used to put machine screws straight into the already threaded sockets. Because the torque is pre-set on the driver, it will always be exactly at the specified tightness. And no time at all is needed to 'make things fit". As both die castings and extrusions are inert, there is none of the pushing and pulling usually needed to get a group of press ings to fit together, 1 remember once visiting a mass production car factory and watching a team of strong arm body shop men making doors and boot lids 'fit' with the aid of rubber sleeved crow bars!

The use of castings and extrusions, incidentally, is one of the ways by which we have made sure that as lanterns heat and cool in use there wil be no 'pings' or 'pongs" from the lantern bodies.

I thought I had caught out the factory at one point, when I saw what look. ed tike a countersink bit* was being used on one drilled and threaded hole. "Difficult fit?" I enquired. A rather pity ing reply indicated that paint has to be removed to secure a good earth bond!

I quickly moved on, gathering a few remaining shreds of dignity, to look at the powder coating plant. This was ac tually put in a year or so ago but very much with a view to the job of coating Harmonys, Preludes and Minims.

This painting system does depeno on a moving conveyor. The parts to be coated are hung on hooks, up to sixata time, depending on size. And they are

