

Small Parts Section Has Growing Pains



First row, from left—Virginia Olson, Mary Corrieri, Aino Oluri, Twylah Stewart. Second row, from left—Dorothy Mark, Dorothy Dunstan, Dorothy Yoss, Dee Blohm, Selma Bergman, Margaret Berndt. Third row, Emma Lanctot, Martha Hansen, Jean Workman

One of the first things that one notices upon viewing a cathode-ray tube is the intricate gun inserted in the slender glass neck. There are 24 parts per gun, namely X-plates, two Y-plates, two getters, one isolation shield, one second-anode, one anode, one grid cup, one focus ring, two vertical deflection shields, two X-plate shields, seven ribbon support wires, one cathode strap and one stem.

All metal parts going into the gun must first be degreased in trichloroethylene. Parts are then shaped and support wires welded on. The parts are electropolished and then handled with extreme care, being "never touched by human hands." They are also very carefully checked. Some dimensions must be correct within .0010 of an inch. An accurate count is kept on each small part.

It amazes one to find that six very busy people are capable of supplying the 24 parts for the one hundred and twenty-five to one hundred and fifty guns which are completed each day when many of these individual parts require ten and twelve steps in preparation.

Their work has been made easier and efficiency has been increased by intricate machines designed and built by our own model shop. Operations once done by hand but now by machine include bending the support wires for the deflection plates, bending the stainless steel wire leads and spading the stud pins. Our ingenious model shop also made dies that cut and shape the deflection plates.

The old timers in this group are Emma Lanctot and Martha Hanson. Emma started in small parts section in July, 1954. She lives with her husband Leonard, a Beaverton postman, in Cedar Hills. She plays golf by summer and bowls by winter. The Lanctots practice on their latest acquisition, an electric organ, when time permits.

Martha Hansen came to small parts a month later. Forest Grove is

her home, along with three children, Don, 16, and her twins Richard and Rita who are thirteen. She claims sewing as her hobby but a carpentering or painting task about her home leaves her undaunted.

When production was stepped up this spring, Dorothy Yoss, was recruited. She is married and has a son Donald who is in the marines and a daughter, Belva Ann, a senior at Hillsboro high school.

Four months later, in July, Denise Blohm joined the small parts force. Bowling and the raising of African violets claim her interest second only to daughter, Linda Kay, who is 11.

Clara Knox, a long time CRT'er is a new member of this section. Outside of work she finds time for ceramics and bowling in addition to working with the PTA and helping remodel their attractive Cherry Grove home. She has six children.

December, 1955 was a momentous month for Selma Bergman as that was when she became a citizen of the United States and joined the Tektronix family. Estonia was her homeland, having left there in 1944 and arriving in the States in 1950. She resides with her husband and her two grown children in Portland.

Mary Ann Corrieri working with this department part of the time, also bases the completed tube. The 'base' is the black cap at the small end of the tube through which the leads pass from the gun. Mary also checks to see if the cathodes and heaters are functioning.

She has been at Tektronix going on eight months, has her home in Hillsboro, and beams every time she mentions Kathleen, her eleven year old daughter. Mary's first five years were spent in Italy, where her family still maintain a home. That far-away look that replaces the normal sparkle in her eyes, is just another idea about that vacation she hopes to take back to old haunts. ITALY! Just the name makes all of us think

of warm sunshine, lovely old cities with their beautiful architecture, and so many people, warm and friendly as Mary.

Recently Dorothy Dunstan of Portland joined this force. Her husband, Lyle, an electrical engineer, and sons Bobby 9, Donny 7½, and Terry 5, make up the Dunstan household. Coming from Washington, D.C. four years ago, they like Oregon very much, they report, and are spending their leisure time building a home for their family.

The third 'Dee' in this group, is Dorothy Mark, who has been with us a little over a month. She makes her home in Aloha with her children Stephen 6, and Connie 3, and husband Dale W., who is the Minister of the Aloha-Huber Church of God. If time permits after her church activities, reading is her favorite pasttime.

This group is very dependent on a duo who have charge of the electropolishing of most of the small parts. Electro-polishing is done in an acid solution which brightens the metal and removes all foreign matter.

Aino Oluri, a very vivacious Estonian who came to Tek about a year ago, claims a very great liking for water sports and dancing. Her latest enthusiasm is for her little God-child, Tina, daughter of Sylvia and Helmut Kalmann. Helmut is in receiving and Sylvia formerly worked in Mechanical Assembly.

Leaving husband, Walter, to tend the mink ranch in Vernonia, is Jean Workman. She has always been active and busy with the mink. They pelt between 1300 and 1500 pelts a year. When their children, Rory Lee 9, and Patrick 7, aren't keeping them actively engaged, you'll find them square dancing. Camping is a family activity eagerly awaited.