

# Standards Are Strict In Gas Lab

The lady of the house has made up her mind. She wants a gas range.

But in the store, surrounded by handsome new models, she is stuck by an appalling thought. How can she be sure the one she picks out will work right in her home, stand up after years of wear, be safe?

She can be sure—if the range she selects bears a little metal seal with a blue star on a white circle.

That is the American Gas Association's Approval Seal, the sign that takes the guess out of buying a gas range. And 95 per cent of all gas appliances wear it.

Before being awarded the A. G. A. Approval Seal, a range has to pass hundreds of tests for safety, durability and performance.

One test, for example, is a rugged workout of the burner valves. A machine turns the valves on and off 10,000 times within a few hours. And if the valves stand up after that kind of treatment, they're really cooking with gas.

**STIFFER TESTS**

And each year the tests get stiffer. As scientific research develops appliances with even greater safety and durability, the requirements are constantly being upgraded.

The range, of course, is not the only appliance tested by A. G. A. Laboratories in Cleveland, Ohio, and Los Angeles, Calif. Tests take in more than 6,000 models of gas equipment, divided into 31 classifications including ranges, clothes dryers, water heaters, and refrigerators.

Established 30 years ago by the gas industry on a purely voluntary basis, the A. G. A. Laboratories have won acclaim from numerous governmental groups.

The U. S. Bureau of Mines for example, says: "The American Gas Association Laboratories have achieved a leading position in creating public confidence in gas equipment carrying the A. G. A. Blue Seal, thus promoting safe, durable and efficient gas appliances."

**SAMPLE TESTED**

In fact, the testing program has been so effective, the A. G. A. Approval Seal is now required on all gas appliances sold in many areas.

How does a manufacturer go about getting the seal for his appliance, to reassure the homemaker she's getting the best possible product?

When a manufacturer develops a new model, he must submit a sample to A. G. A. Laboratories. Then the tests for construction safety and performance get under way.

Take what happens to the range: Engineers inspect the range to make sure it is neat, sturdy and smooth-edged. They check the joints, repair, clean and adjust.

Further, it must be impossible to put the removable parts back improperly after they've been taken apart for cleaning. This is in behalf of all those ladies who are not mechanical geniuses.

That's only the first step, though. The engineers get rough with the range next. It's squeezed, pushed and loaded down with weights.

**TEMPERATURE WATCHED**

Walls and floors near the range have their temperature taken while the stove is operating at capacity to make sure they remain far below the danger point for causing a fire.

To determine the baking evenness of the oven, the engineers whip up a four-layer cake. The four layers are baked at the same time, two on the bottom shelf and two on the top. After they have cooled they are examined with a photoelectric reflectometer, a delicate instrument which indicates any variation in color. All four layers must be baked an even brown to meet A. G. A. requirements.

For the cook's convenience, burner trays must have raised sides and tight corners to catch spills, smooth edges, rust-resistant finishes and easy removability.

And this is only the beginning. Few new models make the grade the first time, says the director of the Laboratories in Cleveland.

After an appliance has passed all tests, it has been awarded the Approval Seal. Only of course, if each appliance is exactly like the one that passes the tests.

**INSPECTION CONTINUES**

The Laboratories' work doesn't end there. A team of inspection engineers drops in unannounced on a manufacturer's plant, in a dealer's display room, or in a home to see that the approved models don't vary a whit from the original.

The homemaker, standing in the dealer's store surrounded by the handsome new ranges, has decisions to make about color, size, style and other specifications dear to a lady's heart. But as for performance, durability and dependability—if there's that little metal seal with a blue star on a white circle, she needn't give them a worry.

**DRESSMAKER OR WATCHMAKER**

When you need help you need Help Aids. Phone 4111.



DR. TINGFU F. Tsiang, Nationalist China's representative to the United Nations, raises his arm as he votes to veto the proposed package deal under which 18 new members would have been admitted to the U.N. His vote and that of Russia killed the proposal at Tuesday's meeting of the Security Council. At left is Brazil's Cyro de-Freitas-Valle.

# Two Men Named Lee Keep Political Issue Confused

WASHINGTON (AP) — Here is an ABC on two men named Lee who lost their jobs on the CAA and CAB. Sound confusing? It is. Even telling the difference between CAA and CAB gets confusing. Now, with politics involved, things are worse.

Just keep this in mind about the two Lees before getting any deeper: one is Josh Lee; the other is Frederick B. Lee. Josh Lee, a Democrat, lost his job when his term was up; Frederick B. Lee, a Republican, was bounced.

CAB—Civil Aeronautics Board—is a five-man board which is the big boss of civil aviation. It says what airlines get what routes, writes the safety rules, investigates accidents, and decides who's to blame for them. The CAB is answerable directly to the President. Josh Lee was a member of this five-man board.

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# Former Ike Appointee Sets Defense

WASHINGTON (AP) — Edward F. Howrey, recently resigned as chairman of the Federal Trade Commission, said Saturday his law firm is working against an FTC complaint originated while he was FTC chief.

Howrey defended the action and said it would be "entirely proper" for him to handle the legal case himself, despite his recent FTC association.

The FTC filed charges against two grocery chains and 12 food manufacturers on Nov. 24, alleging that the manufacturers gave special allowances to the chains and that this discriminated against other buyers.

Howrey, an Eisenhower appointee who left the FTC last Aug. 10, confirmed published reports that his Washington law firm has been retained to defend Food Fairs Inc., a Philadelphia-headquartered firm, one of the grocery chains named.

He said the case was being handled by Louis J. Gravelle, senior partner in the firm of Sanders, Gravelle, Whitlock and Howrey, and that the matter had originated in FTC since he joined as chairman April 1, 1953.

Commission regulations forbid a former member to appear as an attorney in any legal proceeding "the files of which came to his personal attention during his employment or on which he performed any work of significant importance."

In saying it would be proper even for him to handle the Food Fair case himself, Howrey stated that he had no recollection of the matter while he was FTC head.

Many such cases are first developed on lower levels in the federal policing agency, he said, and they never reach the commission until they have gone through the investigative proceedings.

Howrey, came under attack earlier this year for alleged FTC activities in an antitrust case against tire and rubber companies in which he had previously represented one of the companies.

Chairman Evans (D-Tenn.) of an investigating House small business subcommittee said Howrey's activities had raised "a grave ethical question." Howrey testified he had "not done an unethical thing" in his life.

Howrey was actually against his previous interest as a private lawyer.

George J. Burger, vice president of the National Federation of Independent Business who opposed Howrey's appointment in 1953 on grounds of possible conflict of interest, issued a statement Saturday saying the Food Fair case disclosure "comes with no surprise."

He said his group will urge at a forthcoming Senate small business hearing on FTC "that more drastic regulations be put into effect that will prevent former big government officials being associated with any law firm in handling cases against a government agency that the high official has heretofore been connected with."

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ACTRESS RHONDA FLEMING offers a baby rhino a tidbit in an effort to make friends with the beast while on a movie location 120 miles from Nairobi in East Africa. The actress' role of a lady veterinarian in the movie requires her to be on friendly terms with a variety of animals. She expects to return to Hollywood in time for the Christmas holidays.

# Commiss Demand Berliners' Surrender Of 'NATO Policy'

BERLIN (AP) — An East Berlin Communist leader demanded Saturday that West Berlin, isolated 110 miles behind the Iron Curtain, abandon its "NATO policy" and establish "normal relations" with surrounding East Germany.

Alfred Neumann, Berlin district secretary of East Germany's ruling Communist Party and candidate member of its Politburo, asserted that all of Berlin, and not only the Soviet Sector, is the capital of the new "sovereign" (East) German democratic republic.

This went beyond recent Communist claims that East Berlin is no longer an occupied sector of the four-power city but the capital of East Germany.

In an article published by the official party newspaper Neues Deutschland, Neumann stressed that the laws of the East German state (DDR) are valid "in Berlin." He said it was a mistake to apply this only to East Berlin and not to West Berlin.

"All of Berlin is the capital of the DDR," he added. "In West Berlin, the occupation statute and the rule of the monopoly lords and militarists must be liquidated so that normal relations can be established with the government of the German democratic republic. That is the question now on the agenda."

Neumann warned that West Berlin would "isolate itself further" if a pending bill is passed which provides that all West German laws except for rearmament legislation are automatically adopted also in West Berlin.

West German legislation has been adopted almost without exception but the West Berlin city Parliament had to read and vote on every law. Under the proposed bill, West German laws would be adopted without a vote.

This, said the Communist leader, would "increase the provocative nature of the NATO bridgehead" of West Berlin and cause "great disadvantages" for its 2,200,000 population.

Neumann claimed West Berlin workers would protest against the legislation and would join forces with the East German Communists to defeat the "NATO followers" of the West Berlin government.

The preliminary report just released shows that although the land in farms increased from 36,612,201 acres in 1950 to 37,800,380 acres in 1954, the number of farms declined from 137,186 to 123,074.

**Average Size Up**

The average size of the California farm increased from 266.9 acres to 307.1 and the value of the land and buildings soared from an average of \$49,569 to a whopping \$59,144.

The largest decline in the number of farms came in the group of small farms between 10 and 29 acres. The only category to show a gain was the farms in the 1000 acre and over bracket.

The amount of land irrigated on California farms increased to 7,048,792 acres, up 610,468 acres. Increased mechanization made life easier for the state's farmers.

The census showed more farms had milking machines, grain combines, corn pickers, pick-up hay balers, trucks, and tractors in 1954 than in 1950.

The increase in the number of farms with the machines gained added significance from the fact that the total number of farms on which they could be employed was smaller.

Making life more pleasant on the farm were increases in the number of telephones, automobiles, a six per cent increase in the number of farms with electricity, and nearly double the 1950 number of home freezers.

More than 96 per cent of the state's farms were electrified and 95 per cent had piped running water.

# Farms Enlarge In California

SACRAMENTO (UP) — California farms are getting bigger and more valuable, but there are fewer of them.

The California farmer has more mechanical equipment to help him with his bigger job and more facilities to enjoy his leisure.

That's the picture that emerges from the U. S. Census Bureau's 1954 tally of the state's agriculture compared with a similar compilation in 1950.

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# The Home Has Place In History

Small town and rural areas seem to be leading America toward revolution in the appliance.

Some of the most important devices that are changing a nation's living habits got their start on the farm. Today, rural areas are among the most important markets for many major appliances.

Some of the appliances are only beginning to be used in the big cities.

Home freezers, for example, first became important in smaller places where they helped preserve home-produced foods. In 1949, cities over 100,000 still had only 22.9 per cent of the freezer sales.

And only recently have such sales reached 33 per cent. Late figures, cited by Electrical Merchandising, give cities of half million to a million less than 9 per cent of the sales.

Home freezers, important phases of refrigeration were developed on the farm to care for milk on its way to market.

One of the most rapidly moving modern items is the dishwasher. A major part of these seem to be sold outside the largest cities.

New houses, many of them built for older houses, manufacturers complain that big-city regulations and union rules change too slowly to meet the need.

The high cost of installation is an obstacle that exists only in the larger markets," says one manufacturer. Now many companies are making portable models which do not have to be installed and many city people are getting what has become commonplace in many rural homes.

Only 6.5 per cent of the electric ranges are being sold in towns with over a million people. Towns under 10,000 had over a third of the sales. Cities of 10,000 to 25,000 take more than 13 per cent. But these figures are based on sales by dealers in such towns and do not indicate that many ranges went to people who live outside the towns where the sales were made.

More than five million farms, 94.4 per cent of those in the United States are on power lines. Many of them seem to be using that power in the home.

The gas lines do not extend to the farms or even to some of the smaller towns. But the gas people pointed out that the most modern gas equipment is still available for remote communities.

Bottled-gas installations in rural areas now total more than eight million, says the Gas Appliance Manufacturers Association. This is an increase of 30 per cent in the last two years.

# Tullake Plans Christmas Service

TULLAKE — A traditional Christmas Eve musical service will be presented at 6:30 p.m. December 24 in the Tullake Community Presbyterian Church. The candlelighted service is planned for the entire family.

The choir will sing the favorite old Christmas anthems and carols. There will be a scripture reading. The Rev. Marvis Kyster, pastor will bring a brief Christmas message.

**STABBING**

REDWOOD CITY (UP) — James H. Barker, 37, 50 Hazel Dr., Redwood City, was with Sequoia Hospital here today with a stab wound in the chest suffered a few hours earlier in a quarrel with his 16-year-old cousin. The juvenile assailant was taken to Hillcrest Juvenile Home.

The sackings of Frederick B. Lee from the CAA, Monroey said, "is all part of a pattern which included the blocking of the reappointment of Josh Lee (to the CAB). Ross Risley (a Republican) and chairman of the CAB) is soon to be appointed a federal judge. And Weeks will have another position to fill in his grab for control of aviation."

Monroey said Frederick B. Lee had been let out because he didn't "knuckle under" to Weeks and Rothschild so they could be included in the aviation. He said Frederick B. Lee favored a big federal aid program to help build more airports while Weeks and Rothschild wanted a "railroad-station transportation policy."

Then Monroey took another crack at Rothschild. He said Mitchell, picked by the Republicans to succeed Josh Lee on the CAB, although a Democrat, was a "buddy" of Rothschild.

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TO SIZE 48

Lucky stouts! Here in one pattern you've a complete wardrobe of versatile, mix 'n' match separates! Vest! Blouse! Skirt! Each styled to slim-to flatter! Make several of each in fashion's newest fabrics and colors!

Pattern 9172: Women's Sizes 34, 36, 38, 40, 42, 44, 46, 48, Size 36 skirt and vest, 3 1/2 yards 39-inch; blouse, 2 1/2 yards 35-inch.

This easy-to-use pattern gives perfect fit. Complete, illustrated Sew Chart shows you every step. Sew thirty-five cents in coins for this pattern—add 5 cents for each pattern for 1st-class mailing. Send to Marian Martin, care of Herald and News, Pattern Dept., 232 West 18th St., New York 11, N.Y. Print plainly name, address with zone, size and style number.

**On The Record**

**KLAMATH COUNTY MARRIAGE LICENSES**

PATTON-BRYTES — Tommie L. Patton, 21 Hillboro, and Constance M. Brytes, 19 Merrill.

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